





The Practice



The University has a focused approach for sustainable green practices on the campus, geared towards implementing environmentally conscious activities, having spin-off short and long term financial benefits. The University admissions, administration, finance, attendance, examinations are fully digitized, reducing the use of paper.

The University 'Waste Management Policy 'provides for segregation of solid waste into biodegradable waste (wet waste); non-biodegradable waste (dry waste) and hazardous waste. The wet waste is converted as compost, the dry waste is segregated into the recyclable and non- recyclables for disposal. The food and wet waste is processed/ decomposed by an on-campus Compost Plant. Rainwater harvesting system of the University ensures reduction, recycle and reuse of water. There is a 400 KLD capacity STP and 30KLD ETP for treating effluents; the recycled water is used for horticulture and flushing system, and the sludge for manure.

Biomedical waste is disposed-off in accordance with the statutory norms. Due process is also followed in handling hazardous chemicals and radioactive waste management. The e-waste management involves e-waste segregation and disposal through empaneled vendors following government guidelines.

For energy conservation, energy efficient appliances are used to reduce radiation, heat and expenditures. A solar power plant has been set up. Sensor-based switches have automated the on/off of lights, increasing the optimum use of energy. Reduce, recycle and reuse policy is implemented in case of water. For irrigation, sprinkler and drip irrigation system is used, wherever feasible. University has procured automated water spray vehicle to control the dust in the campus. Battery operated vehicles have been introduced to move around the campus. The campus has been declared 'No-Noise Zone'.

Regular plantation drives have resulted in more than 4000 plants succeeding. Students through Students' club, NSS and Eco-Task Force actively engage in green practices and thereby safeguarding the environment. Landscaping and attractive greenery also serve the purpose of reduced pollution. Complete ban on smoking and burning any material on the campus has been imposed.

The University has embedded three-credit course on green practices in curricula and its relevance for conservation of natural resources and environment. Community Connect course also contributes in spreading awareness on issues such as pollution and the measures to contain the same by the community. The University has an undergraduate programme in environmental sciences and a Centre of Excellence on Solar Cells and Renewable Energy which is working on super capacitors for using energy resources more effectively.

UN Sustainable Development Goals Reports



Evidence of Success

A recent energy audit conducted by the University has revealed significant cost savings thanks to various energy-saving initiatives. The installation of Solar PV systems, solar water heaters, and the replacement of 4,200 tube lights with LEDs have collectively saved over 1.45 million KWh annually. Recognizing these efforts, the Government of Uttar Pradesh awarded the University first place for energy conservation. Additionally, extensive tree planting on campus has noticeably lowered temperatures, while rainwater harvesting, water conservation measures, and structured waste management have enhanced campus maintenance and reduced operational costs.

The digitization of processes—including admissions, attendance, administration, and examinations—has improved workflow efficiency and accuracy, also resulting in savings on paper and related materials.

Student involvement in environmental protection is steadily growing, a promising indicator for a cleaner, greener future. These efforts aim to provide future generations with improved air and water quality, reduced waste, and expanded renewable energy resources, ultimately leaving a much smaller carbon footprint.

Student's Club Activities



Center of excellence on solar cells & renewable energy



Solar Plant/Building

Alternate sources of energy and energy conservation measures



Sharda University has implemented multiple facilities for alternative energy sources and energy conservation measures. Key initiatives are outlined below:

- 1. **Solar PV System Installation**: The University, committed to environmental sustainability, installed a 1 MW rooftop Solar Power System with 3,226 solar panels across 11 buildings. Operational since October 2016, with the full plant active from June 2017, this system generates consistent power and saves approximately ₹37.5 lakh annually.
- 2. **Solar Geyser Installation**: In an effort to expand renewable energy use, three solar geysers have been installed as a trial, each providing warm water to three 500-liter PVC tanks. The University plans to further increase solar water heating installations in the future.
- 3. **LED Light Replacement**: Over 4,500 traditional 40W tube lights have been replaced with energy-efficient 18W LEDs, resulting in annual electricity savings of 3.61 lakh kWh.
- 4. Water Level Controller Installation: To minimize energy consumption in wastewater treatment, 15 water level controllers have been installed, reducing the submersible pump's operational time from 20 hours to 5 hours per day. This adjustment saves approximately 0.4104 lakh kWh per year.
- 5. **Energy Savers on Air Conditioners**: Energy Saver (ES) devices installed on 50 air conditioners maintain a default temperature of 24°C, saving 0.684 lakh kWh annually.

- 6. Street Lighting Optimization: Around 232 street lights are now managed with time-controlled switches. Conventional high-wattage fixtures have been replaced with low-wattage LEDs, as follows:
 - o 250W replaced by 60W LEDs
 - 400W replaced by 200W LEDs
 - o 400W replaced by 100W LEDs
- 7. **BLDC Fans**: The installation of 200 energy-efficient 28W BLDC fans in place of conventional models has led to annual savings of 0.91104 lakh kWh.
- 8. **Motion Sensors in Washrooms**: More than 385 motion sensors installed in campus and hospital washrooms have reduced electricity consumption by 6.005 lakh kWh per year.
- Controlled Hot Water Tank Operations: Timers, contactors, and thermostats installed for controlled hot water tank operation in hostels contribute to an additional 3.5154 lakh kWh saved annually.
- 10. **Regular Solar Panel Cleaning**: To maximize efficiency, solar panels are routinely cleaned to ensure unobstructed access to sunlight, preventing residue buildup that could impair energy output.

Through these measures, Sharda University actively demonstrates its commitment to sustainability and energy conservation.

Waste water recycling facility (STP)

Liquid waste Management: STP facility in the University



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STP plant area



Sharda University has installed a Sewage Treatment Plant and Effluent Treatment Plan to treat effluents and untreated water. University has a contract with Bio Tech Services for its STP and ETP plant situated near Block 1 and Beside Sharda Hospital, respectively. Both STP and ETP are operated day and night, 24 hours all 7 days in a week. The Contractor provides Quarterly wastewater Test Reports as per Uttar Pradesh Pollution Control Board norm

Biogas plant

A biogas power plant is installed for usage of renewable energy. The 15 cubic meter biogas plant is set up behind Mandela Hostel in the campus. Food waste of 100kgs approx per day drawn from Mess canteens and added with cow dung water mixture is used as raw material. The raw material content takes 3-4 days for biogas formation which is used to regenerate approx. 5KVA electric energy for street lights. Thus, food waste is converted into a resource and creating value in the form of electric power generation. The plant is utilizing the recent technology to generate the efficient energy.

5KV Biogas plant of the University





Maintenance of water bodies

Sharda University maintains a water body near block 7 to conserve the rain water in a natural way. Presently the capacity of water body to conserve the water is 75KLD. This conserved water is useful to multiple activities such as in agriculture and plantation and recharge of the ground water

level. The University intents to further extend this facility across the campus. Also underground water tanks are being maintained in the campus for the optimum utilization of water.

(Waterbody to conserve the water)



Multi-level Car Parking to reduce vehicles movement

Sharda University has developed a multi-level car parking to organize the 800+ four-wheelers and 4000+ two-wheelers at one place to support the clean and green environment in the campus. All the two-wheelers and four-wheelers are parked in this parking and there is reduced movement of vehicles in the campus reducing the amount of dust participles in the air.

Multi-level car parking facility to restrict movement of vehicles



ISO Certification

Sharda University regularly follow the audit procedure for energy, environment and green campus. In this process the University maintains the quality standards and comply with the ISO regulations of government approved agencies. The University has active ISO 14001:2015 and ISO 50001:2018 in its records.



Audit report

SHARDA UNIVERSITY

Auditee's address: Plot No. 32, 3

Plot No. 32, 34, Knowledge Park-III, , 201306,

Greater Noida - India

Organization reference: 932532-13498

Audit date 17/04/2023 - 18/04/2023

Standard(s) Environmental Management System - ISO 14001 : 2015

Lead auditor : Amar Maheshwari

Phone: 7357429333

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Sustainable Development Goal 1 No Poverty

SUSTAINABLE DEVELOPMENT GOAL

No Poverty

SHARDA UNIVERSITY

1

1. Introduction

Sustainable Development Goal 1 (SDG 1), "No Poverty," aims to eradicate poverty in all its forms and dimensions by 2030. As one of the world's most pressing challenges, poverty alleviation focuses on improving economic well-being, access to education, healthcare, and essential services for vulnerable populations. Sharda University has made significant strides in aligning its institutional efforts with SDG 1, fostering social and economic inclusion through various initiatives, programs, and partnerships.

2. Institutional Commitment to SDG 1

Sharda University is deeply committed to reducing poverty by creating opportunities for education and skill development for underprivileged communities. This mission aligns with the vision of promoting equitable growth and access to quality education as a powerful tool to break the poverty cycle.

The University's leadership, under the guidance of the Hon'ble Vice Chancellor, has achieved several milestones in this regard, reflected in multiple programs, community engagement efforts, and collaboration with local and international partners. These initiatives contribute to poverty reduction both directly and indirectly.

3. Key Initiatives Contributing to SDG 1

3.1 Sharda Skill Development Centre in collaboration with Export Promotion and Industrial Park Welfare Association (EPIPWA) & Shibani Foundation

Sharda University, in collaboration with EPIPWA and Shibani Foundation, operates the **Sharda Skill Development Centre**. The Centre focuses on enhancing the capacity of society members, especially the marginalized and economically disadvantaged groups. Some of the notable programs include:

- Computer Literacy Classes for Beginners: This initiative targets individuals from underprivileged backgrounds, providing them with essential digital literacy skills, improving their employability, and fostering economic inclusion.
- Vocational Training Programs: The University offers several vocational courses aimed at empowering participants with skills such as tailoring, carpentry, and electrical work, helping them to gain self-employment or better job prospects.

3.2 Sharda Social Business Centre

The **Sharda Social Business Centre** is an impactful initiative contributing to poverty reduction through social entrepreneurship. The Centre provides platforms for individuals from low-income groups to develop business models that address social issues while generating economic value. Training sessions and mentoring programs support the development of viable social enterprises, enhancing income-generating opportunities for marginalized communities.

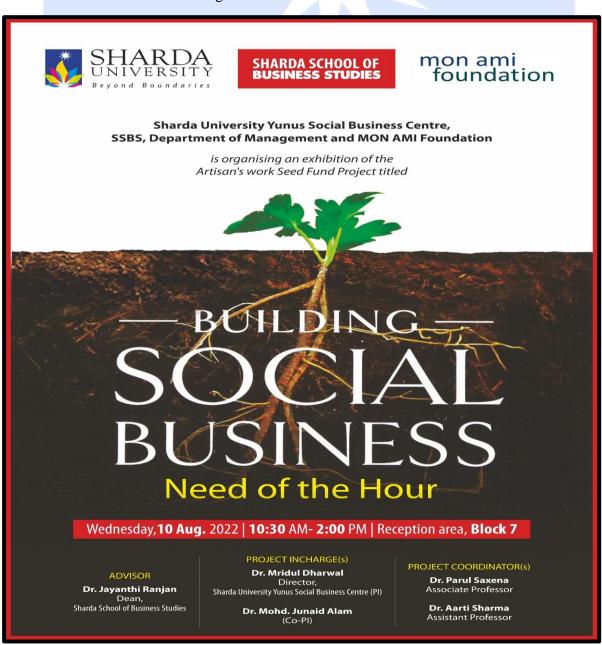
Events Organized:

School of Business Studies plans to organize an exhibition of the Artisan's work on August 10, 2022 under the Seed Fund Project Titled Building Social Business- Need of the Hour.

This exhibition is being organised as part of the initiatives undertaken to enhance the livelihood of these women artisans.

The objective of this project is to upskill the artisans to enhance their productivity and sustain their livelihood.

- The Project will fulfil the following objectives:
- To improve competencies of artisans.
- To enhance their livelihood.
- To augment marketing skills & selling techniques.
- To add value to their handicraft products.
- To motivate and encourage them for their traditional skills.



Sharda University Yunus Social Business Centre and School of Business Studies plans to organize a Skill development program for women artisans as a part of the seed fund project "Skill development for women artisans".

The objective of this event is to enhance the skills of women artisans for their livelihood.

This event will fulfil the following objectives:

- 1. To enhance their livelihood.
- 2. To understand the factors involved in costing and pricing of the product.
- 3. To be able to understand where production costs can be cut down.
- 4. To be able to calculate cost and price of a product.
- 5. To enhance business communication & etiquette
- 6. To strengthen artisans by giving they real time exposure through exhibition.



Tejaswani-Empowerment of Women Artisans through Capacity Building and Skills Trainings

Sharda University Yunus Social Business Centre in collaboration with MonAmi Foundation organizes the culmination ceremony of the Project- "**Tejaswani-Empowerment of Women Artisans through Capacity Building and Skills Trainings**". The event is being organised to give due recognition to the artisans for their effort, time and dedication to imbibe the learnings rendered as part of the project.

The overall objective of the ceremony is:

To felicitate the Women Artisans mentored under the consultancy Project

- To felicitate and recognize the efforts of the Project Mentor and Project Coordinators
- To foster team spirit and camaraderie among Women artisans

The culmination ceremony of the project took place on December 26, 2022 at the Noida Centre of Mon Ami Foundation. The ceremony was spread throughout the day, and was divided into

two phases: as session on Personal hygiene for the women artisans followed by valedictory ceremony. The organizing team consisted of the Director, IQAC, project coordinator, an Ob & Gyane from Sharda Hospital, team from sharda school of Film & Entertainment (SMFE) Sharda University, members of MONAMI foundation. The ceremony started off with a session on Personal Hygiene delivered by Prof (Dr) Samta Gupta form Sharda Hospital. The participants showed great enthusiasm and asked lots of questions pertaining to their personal health. The latter part of the day was spent on felicitating the participants for their efforts in a valedictory ceremony. The chief guest of the ceremony was Prof Dr Anubha Vashisht, Director IQAC, Sharda University, in her address to the participants, congratulated the participants for their dedication and enthusiasm and encouraged them to continue with their journey of learning. Towards the end, the participants shared their feedback for the entire 3-month program and the ceremony concluded with a vote of thanks proposed by Mr. Amit Malhotra from Mon Ami Foundation.



Some glimpses of the culmination ceremony are shown below:



General and Dental Health Camp and Counselling Session for the women artisans

IQAC along with Sharda University Yunus Social Business Centre and School of Dental Sciences in collaboration with MonAmi and HCL Foundation organized a general and dental health camp and counselling session for the women artisans on Tuesday March 14, 2023 at My E-Haat Display Noida. The objective of the event was to raise awareness about the significance of maintaining good personal and oral hygiene and to assess the occurrence of common dental problems and the oral health seeking behaviour of women artisans. The event was attended by a team of HCL & Mon Ami foundation. Dr Sanjeevni Kaul from Sharda Hospital took a counselling session of these women and answered their queries, while Dr Pallavi Sharma from Sharda School of Dental Studies briefed the participants about the importance and the nuisances of the oral hygiene. A team of junior resident doctors performed the basic health check – up and distributed an oral hygiene kit. The event was convened by Dr. Parul Saxena, Member IQAC and Dr. Radhika Gupta, Senior resident SDS under the mentorship of Dr. Mridul Dharwal and Prof (Dr.) Anubha Vashisht, Director IQAC.





3.3 Scholarship Programs

Sharda University offers extensive scholarships to economically disadvantaged students. These scholarships provide access to higher education for students who would otherwise be unable to afford it, thus empowering them to break the cycle of poverty. Scholarships are awarded based on merit as well as need, ensuring that deserving students from underprivileged backgrounds are supported.

3.4 Community Outreach and Rural Development Programs

The University regularly conducts outreach programs in nearby rural areas, focusing on education, healthcare, and economic empowerment. These programs include:

- **Health Camps**: Free health check-ups, awareness drives, and medical consultations are offered to the poor in rural regions.
- **Educational Workshops**: Workshops aimed at teaching children and adults from underprivileged backgrounds about hygiene, sanitation, and basic education.

4. Research Contributions

Sharda University has an active research agenda that aligns with SDG 1 by focusing on topics related to poverty alleviation, social inclusion, and economic empowerment. Faculty members and research scholars contribute by publishing papers and participating in conferences on poverty-related issues, such as:

- The impact of vocational training on income generation for marginalized communities.
- The role of social entrepreneurship in addressing poverty.
- Gender-focused studies on poverty alleviation and women empowerment, particularly through skills development and financial inclusion initiatives.

The details of the research con ducted in Sharda University in reference to SDG 1 – No Poverty is listed as follows: Refer Table 1

S. No.	Title	Author	Link
1	Engineering applications of blockchain in this smart era	Tyagi, A.K., Kumari, S.K., Chidambaram, N., Sharma, A.K.	https://www.scopus.com/record/display.uri?eid=2-s2.0-85193042395&origin=resultslist
2	The bibliometric analysis of previous twenty- five years' literature: A	Beg, K., Padmapriya, B., Shajar, S.N., Ahmad, M.M., Faiyyaz, A.G.	https://www.scopus.com/record/display.uri?eid=2-s2.0-85183296244&origin=resultslist

	microfinance review		
3	The Impact of Fintech and Digital Financial Services on Financial Inclusion in India	Asif, M., Khan, M.N., Tiwari, S., Wani, S.K., Alam, F.	https://www.scopus.com/record/display.uri?eid=2-s2.0-85148750128&origin=resultslist
4	Telecom Sector Churn Prediction Using Decision Tree and Random Forest Models	Arya, S., Harshvardhan, Y., Tyagi, P.	https://www.scopus.com/record/display.uri?eid=2-s2.0-85185368899&origin=resultslist
5	A Systematic Review on Indian Food Security Systems and Food Assistance Programmes (FAPs) in the Context of the COVID-19 Pandemic	Arora, S., Nabi, T., Sarin, V.	https://www.scopus.com/record/display.uri?eid=2-s2.0-85168495242&origin=resultslist
6	Tech-Enabled Sustainable HR Strategies: Fostering Green Practices	Jora, R.B., Mittal, P., Kaushal, S., Raghuvaran, S.	https://www.scopus.com/record/display.uri?eid=2-s2.0-85159760503&origin=resultslist
7	Inequality consequences of natural resources, environmental vulnerability, and monetary- fiscal stability: a global evidence	Shah, M.I., Shuaibu, M.S., AbdulKareem, H.K., Khan, Z., Abbas, S.	https://www.scopus.com/record/display.uri?eid=2-s2.0-85138300891&origin=resultslist
8	Socioeconomic Determinants of Household Investment	Rampal, P., Biswas, S.	https://www.scopus.com/record/display.uri?eid=2-s2.0-85127793506&origin=resultslist

	Portfolio in India		
9	Assessing the status of changing regimes of water bodies in Gorakhpur District, Uttar Pradesh, India	Tyagi, N., Sahoo, S.	https://www.scopus.com/record/display.uri?eid=2-s2.0-85122369979&origin=resultslist
10	An Efficient Approach for Predicting the state of Financial Inclusion by Addressing Class Imbalance using the Oversampling Technique	Balde, A., Adhikari, S., Singh, A., Mabuela, N.P., Choudhary, A.	https://www.scopus.com/record/display.uri?eid=2-s2.0-85142349669&origin=resultslist
11	Utilization of health care services by elderly for respiratory diseases including TB - Challenges	Gupta, S., Arora, V.K., Gupta, A.K., Bandhu Gupta, M.	https://www.scopus.com/record/display.uri?eid=2-s2.0-85141534654&origin=resultslist
12	Financial literacy and digital product use for financial inclusion: A GETU model to develop financial literacy	Mandal, A., Saxena, A., Mittal, P.	https://www.scopus.com/record/display.uri?eid=2-s2.0-85133200631&origin=resultslist
13	The puzzle of garbage disposal in India	Jain, V., Dharwal, M.	https://www.scopus.com/record/display.uri?eid=2-s2.0-85132369715&origin=resultslist
14	Women Entrepreneurs in India: Where Do They Stand?	Chakraborty, S., Chatterjee, P.	https://www.scopus.com/record/display.uri?eid=2-s2.0-85117709937&origin=resultslist

15	Financial inclusion of rural sector: Imperative for sustainable economic growth of India	Mittal, S., Chaudhry, S.	https://www.scopus.com/record/display.uri?eid=2-s2.0-85113815643&origin=resultslist
16	An Estimation of Price Effects of Making Food Fortification Mandatory in India	Tripathi, A., Mishra, S.	https://www.scopus.com/record/display.uri?eid=2-s2.0-85088978561&origin=resultslist
17	Disability, Social Welfare Policy and Elderly in India and China	Agnihotri, S.	https://www.scopus.com/record/display.uri?eid=2-s2.0-85159419403&origin=resultslist
18	Strategies to improve agriculture sustainability, soil fertility and enhancement of farmers income for the economic development	Verma, P., Singh, D.B., Pathania, I.P., Aggarwal, K.	https://www.scopus.com/record/display.uri?eid=2-s2.0-85078642645&origin=resultslist
19	Summer workshop for children of slum dwellers: A self reliance initiative	Chaturvedi, M., Agrawal, D., Kaur, R., Sinhal, S., Azad, S.	https://www.scopus.com/record/display.uri?eid=2-s2.0-84973637751&origin=resultslist

5. Collaborations and Partnerships

Sharda University collaborates with various governmental and non-governmental organizations, industry partners, and international institutions to address poverty at a systemic level. These collaborations enable the University to expand its impact beyond the campus and contribute to large-scale poverty reduction initiatives. Key partnerships include:

• **EPIPWA and Shibani Foundation**: Joint efforts in operating the Sharda Skill Development Centre, providing training and employment opportunities to vulnerable groups.

• Government Skill Development Programs: The University works closely with government agencies to offer skill-building courses under the larger umbrella of national poverty alleviation initiatives.

IQAC, Sharda University in collaboration with Export Promotion Industrial Park Welfare Association organizes i- Connect – An Industry connect Initiative

Objective:

- To strengthen Industry Academia integration
- To foster research collaborations between academia and industry
- To establish a purpose-oriented engagement with the industry for the benefit of the community

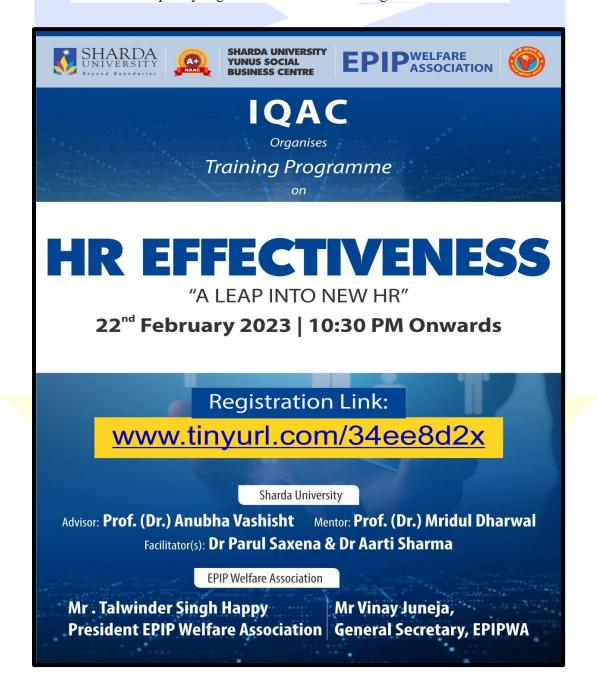


One – Day Training Program on "HR Effectiveness- IQAC, Sharda University & EPIPWA Skill Development Centre

IQAC and EPIPWA Skill Development Centre organises a One – Day Training Program on "HR Effectiveness-Building Brand Image: A leap into new HR"

Objectives of the Events:

- To upskill HR Professionals with the latest HR tools & techniques
- To groom HR professionals as brand ambassadors of the organisations
- To inculcate quality organisational culture through HR effectiveness



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6. Impact Metrics

Sharda University tracks the outcomes of its SDG 1 initiatives through various impact assessment tools. These metrics include:

- **Number of beneficiaries** from scholarships, vocational training, and community outreach programs.
- **Employment outcomes** for individuals who completed training at the Sharda Skill Development Centre.
- **Increased income generation** for families involved in social enterprises incubated at the Sharda Social Business Centre.
- Community feedback on health and education outreach programs in rural areas.

7. Conclusion

Sharda University remains dedicated to playing an active role in addressing poverty, both locally and globally. Through its holistic approach encompassing education, skill development, social entrepreneurship, and community engagement, the University is making tangible contributions to the achievement of SDG 1. By empowering the underprivileged with knowledge, skills, and resources, Sharda University is driving social and economic upliftment, bringing the global goal of eradicating poverty closer to reality.







2 ZERO HUNGER

"



SHARDA UNIVERSITY

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Sustainable Development Goal 2 focuses on "Zero Hunger" and aims to end hunger, achieve food security and improved nutrition, and promote sustainable agriculture by 2030.

The targets under SDG2 include ending all forms of malnutrition, ensuring access to safe and nutritious food for all people all year round, and promoting sustainable agricultural practices. This goal recognizes the interconnectedness of food security, nutrition, sustainable agriculture, and rural development in achieving overall sustainable development.

To achieve SDG2, efforts are made to increase agricultural productivity, support small-scale farmers, promote sustainable food production systems, and ensure equal access to land, technology, and markets for all. Additionally, addressing the impacts of climate change on agriculture and promoting research and technological advancements in agriculture are essential components of SDG2.

SDG2 @Sharda University

2.1 Research on Hunger

Hunger remains one of the most pressing global challenges, affecting millions of people, particularly in developing countries like India. Addressing hunger requires multidisciplinary approaches, ranging from food security, nutrition, and agricultural innovations to policy-making and social interventions. Sharda University, a prominent academic institution in India, has been contributing to this global issue through various research initiatives. The University's research on hunger encompasses a broad spectrum of studies that aim to understand the underlying causes of hunger and malnutrition, as well as develop practical solutions. The research initiatives include exploring sustainable agricultural practices, enhancing food security through technological innovations, and studying the socio-economic factors contributing to hunger. The institution also collaborates with various organizations and entities to create impactful interventions. The University has established partnerships with various stakeholders to amplify the impact of its hunger research. Collaborations with organizations facilitated fieldwork, data collection, and the implementation of pilot programs in affected regions. These partnerships help translate research findings into actionable policies that directly address hunger issues. The University's research on hunger represents a vital contribution to the global fight against this pervasive issue. Through its innovative projects, collaborative efforts, and dedication to sustainable solutions, the university is helping to pave the way toward a hunger-free world. Continued support for such research is essential to achieving long-term success in this critical area. A glimpse of the research conducted at Sharda University is as follows:

- Genetic Manipulation of Crop for Enhanced Food Quality and Nutrition Toward Sustainable Production
- Nanoemulsions: Nanotechnological approach in food quality monitoring
- Functional Foods and Nutraceuticals for Maternal Health

- Policies VIS-A-Paranoia: India's Challenges Concerning Agricultural and Food Security in the Face of Pandemic
- Food Safety Forensics: Investigating Food Fraud, Foreign Substances and Contaminants

Research Papers

Sr. No	Year	SDG No	School	Title of paper	Name of the author/s	Name of journal	Link of particula r paper
1	2022- 2023	SDG 02	Sharda School of Engineering & Technology	IoT and AI- based Intelligent Agriculture Framework for Crop Prediction	Murari Kumar Singh, Pushpa Singh	International Journal of Sensors, Wireless Communicati ons and Contro	https://w ww.eurek aselect.co m/article/ 131659
2	2022- 2023	SDG 02	Sharda School of Engineering & Technology	Natural and sustainable filtration of polluted water of River Yamuna for municipal use	Soma Mishra, Pradeep Kumar & Indu Mehrotra	Sustainable Water Resources Management	https://lin k.springe r.com/arti cle/10.10 07/s4089 9-023- 00846-x
3	2022- 2023	SDG 02	Sharda School of Medical Sciences & Research	Dysphagia in the Elderly: A Multidiscipl inary Approach	Manish Gupta, Monica Gupta , Akanksha Gupta	Journal of Datta Meghe Institute of Medical Sciences University	http://ww w.journal dmims.co m/article. asp?issn= 0974- 3901;yea r=2022;v olume=1 7;issue=3 ;spage=7 79;epage =785;aul ast=Gupt a;type=0

4	2022-	SDG	Sharda	A review on	Anamika	Food Science	https://on
	2023	02	School of	waste	Chauhan,	and Nutrition	linelibrar
			Engineering	valorization,	Fakhar		y.wiley.c
			&	biotechnolo	Islam, Ali		om/doi/1
			Technology	gical	Imran, Ali		0.1002/fs
				utilization,	Ikram,		n3.3546
				and	Tahir		
				managemen	Zahoor,		
				t of potato	Sadaf		
					Khurshid,		
					Mohd Asif		
					Shah		
5	2022-	SDG	Sharda	In-hospital	Shubhada	International	https://w
	2023	02	School of	mortality	Hooli,	Journal of	ww.scien
			Medical	risk	Carina	Infectious	cedirect.c
			Sciences &	stratification	King, Eric	Diseases	om/scien
			Research	in children	D.		ce/article/
			/	aged under 5	McCollum		pii/S1201
			/	years with	c , Tim		9712230
			/	pneumonia	Colbournd		00504?pe
				with or	, Norman		s=vor
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				REsearch	Somsak		
				Partnership	Thamthiti		
				to Assess	wat, Clare		
				WHO	Cutland,		
				REcommen	Shabir		
				dations	Ahmed		
				(PREPARE)	Madhi,		
				dataset	Marta C.		/
					Nunes h,		
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					Gessner,		
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					Hazir ,		
					Joseph L.		
					Math		

6	2022-2023	SDG 02	Sharda School of Engineering & Technology	Application of Green IoT in Agriculture 4.0 and Beyond: Requiremen ts, Challenges and Research Trends in the Era of 5G, LPWANs and Internet of UAV Things	Parijata Majumdar , Diptendu Bhattachar ya, Sanjoy Mitra & Bharat Bhushan	Wireless Personal Communicati ons	https://lin k.springe r.com/arti cle/10.10 07/s1127 7-023- 10521-1
7	2022-2023	SDG 02	Sharda School of Basic Sciences & Research	Green Synthesized Nanomateri als for Safe Technology in Sustainable Agriculture	Nakshatra Bahadur Singh, Ratiram Gomaji Chaudhar y, Martin Federico Desimone, Anupam Agrawal and Saroj K. Shukla	Current Pharmaceutic al Biotechnolog y	https://w ww.eurek aselect.co m/article/ 124261
8	2022-2023	SDG 02	Sharda School of Agricultural Sciences	Exploring Chickpea Germplasm Diversity for Broadening the Genetic Base Utilizing Genomic Resourses	Rajesh Kumar Singh, Charul Singh, Ambika, B. S. Chandana, Rohit K. Mahto, Ranjana Patial, Astha Gupta, Vijay	Frontiers in Genetics	https://w ww.fronti ersin.org/ articles/1 0.3389/fg ene.2022. 905771/f ull

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2.2 Campus Food Waste

Food waste is a growing concern worldwide, particularly on university campuses where large quantities of food are prepared and consumed daily. Addressing food waste is not only essential for environmental sustainability but also for promoting social responsibility within the academic community. Sharda University, known for its commitment to holistic education, is taking steps to manage and reduce food waste on its campus. This review explores the university's efforts, challenges, and potential improvements in tackling food waste.

Current Practices and Initiatives

Sharda University has implemented several measures to address food waste on campus. The University mess follows a strict SOP regarding storage and utilization of raw materials for production of food items for the University incumbents.



(IHA DEPARTMENT) Greater Noida

Standard Operating Procedure (SOP) for Storage of Raw Materials and Ingredients in Mess Stores at University

Objective:

To ensure safe, hygienic, and efficient storage of raw materials and ingredients in the university mess stores, maintaining quality and preventing contamination or spoilage.

Scope:

This SOP applies to all personnel handling and storing food materials in the mess store, including staff responsible for purchasing, receiving, storing, and using raw materials and ingredients.

1. Receiving and Inspection

Documentation: Upon receiving supplies, cross-check with the purchase order and delivery note.

Inspection: Visually inspect all raw materials and ingredients for damage, spoilage, and expiry dates. Ensure packaging is intact and meets safety standards.

Acceptance/Rejection: Accept only fresh, undamaged, and properly packaged items. Reject if any contamination, spoilage, or damage is found.

2. Storage Conditions

Temperature-Controlled Storage:

Perishable Items (e.g., dairy, meat, vegetables): Store in refrigerators or cold rooms at 1-5°C.

Frozen Items: Store in freezers at -18°C or lower.

Non-Perishable Items (e.g., grains, flour, dry spices): Store in a cool, dry place, ideally below 25°C.

Shelving:

Place all items on shelves, ensuring nothing is stored directly on the floor.

Maintain adequate space between items for ventilation.

FIFO (First in, First Out):

Store older stock in front to ensure it is used first, while newer stock goes to the back.

Labelling:

Label all items with the date of receipt and expiration date.

For repackaged ingredients, use food-grade containers and label appropriately.

3. Hygiene and Safety

Cleaning:

Clean storage areas regularly to prevent pest infestation and contamination.

Ensure that shelves, racks, and containers are cleaned and sanitized periodically.

Personal Hygiene:

Staff handling raw materials should wear gloves, hairnets, and aprons.

Regular hand washing is mandatory.

Pest Control:

Conduct regular pest control checks and use approved methods to ensure pest-free storage.

4. Inventory Management

Maintain a real-time record of inventory levels.

Perform stock counts weekly or bi-weekly.

Reorder materials when they reach minimum stock levels to avoid running out.

5. Handling and Movement

Safe Handling:

Use appropriate tools (e.g., trolleys) to move heavy items.

Avoid rough handling to prevent breakage or spillage.



Segregation:

Separate raw food materials (meat, poultry, seafood) from ready-to-eat items to prevent crosscontamination.

Store cleaning chemicals away from food storage areas.

6. Waste Management

Discard expired or spoilt items immediately, ensuring they are separated from usable stock.

Follow local guidelines for disposing of organic and non-organic waste safely.

7. Regular Audits

Conduct monthly audits of the mess stores to ensure compliance with the SOP.

Record findings and take corrective actions as necessary.

8. Training

Train staff regularly on storage procedures, hygiene, and food safety.

Update SOP and training materials in line with any changes in food safety regulations or university policies.

9. Emergency Procedures

In case of a refrigeration failure, transfer perishable items to an alternative cold storage unit.

Report any incident that could compromise the safety and quality of food materials immediately to the supervisor.

This SOP ensures that raw materials and ingredients are stored safely, reducing the risk of contamination and spoilage, and maintaining food quality for students and staff.

Dining facilities and cafeterias are actively working towards reducing waste through portion control, menu planning, and encouraging mindful consumption among students. By offering varied portion sizes and promoting healthy eating habits, the university aims to minimize leftover food.

Photographs of mess





Additionally, Sharda University has initiated awareness campaigns to educate students and staff about the environmental and social impacts of food waste. These campaigns emphasize the importance of reducing waste at the individual level and encourage responsible behavior when it comes to food consumption.

Waste Management Systems

The university has integrated waste management systems that include the segregation of organic and inorganic waste. Organic waste from dining facilities is collected and processed through composting methods. The compost generated is often used in campus gardens, contributing to a circular economy and promoting sustainable practices within the university.



Compost Plant in University



Vermicomposting

Vermicomposting is the scientific method of making compost, by using earthworms. They are commonly found living in soil, feeding on biomass and excreting it in a digested form.

Vermiculture means "worm-farming". Earthworms feed on the organic waste materials and give out excreta in the form of "vermicasts" that are rich in nitrates and minerals such as phosphorus, magnesium, calcium and potassium. These are used as fertilizers and enhance soil quality.

Vermicomposting comprises two methods:

Bed Method: This is an easy method in which beds of organic matter are prepared.

Pit Method: In this method, the organic matter is collected in plastic/bamboo pits. However, this method is not prominent as it involves problems of poor aeration and waterlogging.

PRINCIPLE

This process is mainly required to add nutrients to the soil. Compost is a natural fertilizer that allows an easy flow of water to the growing plants. The earthworms are mainly used in this process as they eat the organic matter and produce castings through their digestive systems.

MATERIAL REQUIRED

Water, Cow dung, Thatch Roof. Soil or Sand. Gunny bags. Earthworms. Weed biomass, A large bin (plastic or bamboo tank), Dry straw and leaves collected from paddy fields., Biodegradable wastes collected from fields and kitchen.

PROCEDURE

- To prepare compost, either a plastic or a concrete tank can be used. The size of the tank depends upon the availability of raw materials
- Collect the biomass and chop it to the required size using the cutter.
- Prepare a cow dung slurry and sprinkle it on the heap for quick decomposition.
- Add a layer (2-3 inch) of soil or sand at the bottom of the tank.
- Now prepare fine bedding by adding partially decomposed cow dung, dried leaves and other biodegradable wastes collected from fields and kitchen. Distribute them evenly on the sand layer.
- Continue adding both the chopped bio-waste and partially decomposed cow dung layer-wise into the tank up to a depth of 0.5-1.0 ft.
- After adding all the bio-wastes, release the earthworm species over the mixture and cover the compost mixture with dry straw or gunny bags.
- Sprinkle water on a regular basis to maintain the moisture content of the compost.
- Cover the tank with a thatch roof to prevent the entry of ants, lizards, mouse, snakes, etc. and protect the compost from rainwater and direct sunshine.

Have a frequent check to avoid the

Advantages of Vermicomposting

The major benefits of vermicomposting are:

- 1. Develops roots of the plants.
- 2. Improves the physical structure of the soil.
- 3. Vermicomposting increases the fertility and water-resistance of the soil.
- 4. Helps in germination, plant growth, and crop yield.
- 5. Nurtures soil with plant growth hormones such as auxins, gibberellic acid, etc.





Vermicompost Khad



Application



Moreover, Sharda University collaborates with local organizations and NGOs to ensure that surplus food from campus events and cafeterias is donated to those in need, reducing wastage and addressing food insecurity in the surrounding community.

Additionally, integrating food waste topics into the academic curriculum, particularly in fields related to environmental science and hospitality management, can encourage students to engage in research and develop innovative solutions to this problem.

Sharda University is making commendable strides in addressing campus food waste, but there is room for further improvement. By enhancing waste management systems, increasing awareness, and fostering a culture of sustainability, the university can significantly reduce food waste and set a positive example for other institutions. Continued efforts and innovation in this area will contribute not only to a greener campus but also to broader societal change.

2.3 Student Hunger

Student hunger is an often overlooked issue in higher education institutions, but it plays a crucial role in students' academic performance, health, and overall well-being. Addressing student hunger is essential for ensuring that students can focus on their studies without the distraction of food insecurity. At Sharda University, efforts have been made to understand and mitigate this issue, but more can be done to ensure that all students have access to adequate nutrition.

Sharda University has taken steps to address the issue of student hunger. The university offers meal plans and subsidized food options in campus cafeterias to make meals more affordable for students.

Additionally, the university's student welfare programs provide financial assistance to students in need, which can help alleviate some of the financial pressures that contribute to hunger.

In recent years, Sharda University has also hosted food drives and other initiatives to support students facing food insecurity. Collaborations with local NGOs and community organizations have facilitated the distribution of food and other essential resources to students in need.

2.4 Proportion of graduates in agriculture and aquaculture including sustainability aspects

Sharda University offers programs in agriculture and related fields that are designed to equip students with the knowledge and skills needed to address modern agricultural challenges. These programs

emphasize sustainable farming practices, technological advancements in agriculture, and the importance of preserving natural resources. The curriculum often includes practical training, internships, and collaborations with industry partners to ensure that students gain hands-on experience.

In the field of aquaculture, Sharda University focuses on sustainable fish farming practices, water resource management, and the environmental impacts of aquaculture. The university's programs aim to produce graduates who can contribute to the growth of the aquaculture industry while minimizing its ecological footprint.

The proportion of graduates in agriculture and aquaculture at Sharda University reflects the growing interest in these fields. Although exact numbers may vary year by year, these programs have seen a steady enrolment, driven by the increasing awareness of the importance of sustainable practices in agriculture and food production. Graduates from these programs are well-equipped to pursue careers in both the private and public sectors, as well as in research and development.

The university's focus on interdisciplinary learning allows students to gain insights from various fields such as environmental science, economics, and biotechnology, which are essential for a comprehensive understanding of agriculture and aquaculture. This interdisciplinary approach helps attract students who are passionate about sustainability and eager to make a positive impact.

Sustainability is a core component of the agriculture and aquaculture programs at Sharda University. The curriculum emphasizes the need for sustainable practices in food production, resource management, and environmental conservation. Courses on organic farming, renewable energy in agriculture, and sustainable fisheries are integral parts of the programs.

Students are also encouraged to engage in research projects that explore innovative solutions to sustainability challenges in agriculture and aquaculture. Topics such as climate-resilient crops, water conservation techniques, and eco-friendly aquaculture practices are commonly explored. These research opportunities allow students to contribute to the broader discourse on sustainability and prepare them to address real-world problems.

Sharda University's commitment to agriculture and aquaculture education, with a strong emphasis on sustainability, positions its graduates to make meaningful contributions to these critical fields. The proportion of graduates from these programs reflects the growing interest in sustainable practices and the university's efforts to prepare students for the challenges of modern food production. By continuing to innovate and expand its focus on sustainability, Sharda University can play a vital role in shaping the future of agriculture and aquaculture in India and beyond.

2.5 National Hunger

Hunger remains a critical issue in India, where millions of people still lack access to adequate food. Addressing national hunger requires the concerted efforts of various sectors, including education. Sharda University, with its emphasis on social responsibility and community engagement, has been involved in initiatives aimed at alleviating hunger in India. This review explores the university's efforts, challenges, and potential areas for growth in contributing to the fight against national hunger.

Sharda University has shown a commitment to addressing national hunger through various initiatives that combine education, research, and community outreach. The university's programs often involve students and faculty working together to develop practical solutions to food insecurity. These efforts range from awareness campaigns and food drives to more structured programs aimed at improving food distribution and nutrition.

One notable initiative is the university's collaboration with local NGOs to provide food assistance to underserved communities. By leveraging its resources and network, Sharda University aims to make a tangible impact on reducing hunger in the regions surrounding its campus. The university also plays a significant role in educating students about the causes and consequences of hunger. Courses and seminars focused on food security, sustainable agriculture, and public health provide students with a deep understanding of the systemic issues contributing to hunger. These academic programs are often paired with practical experiences, such as internships with organizations working to combat hunger or participation in research projects focused on food distribution systems.

Research at Sharda University is also directed towards finding innovative solutions to hunger. Faculty and students collaborate on studies related to improving crop yields, reducing food waste, and enhancing the efficiency of food supply chains. This research not only contributes to the academic field but also provides actionable insights that can be implemented on a national scale.

Sharda University emphasizes the importance of community engagement in its fight against hunger. The university organizes food drives, fundraising events, and volunteer programs that encourage students and staff to contribute directly to hunger relief efforts. These initiatives are often conducted in partnership with local organizations that focus on feeding the hungry and providing long-term support to vulnerable populations.

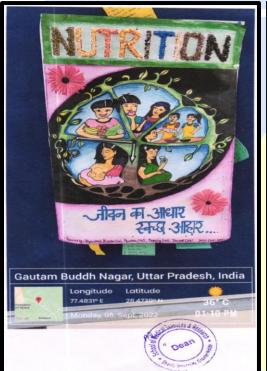
Additionally, the university's involvement in national campaigns against hunger, such as participating in World Food Day events and collaborating with government-led programs, demonstrates its commitment to addressing this pressing issue on a broader scale.

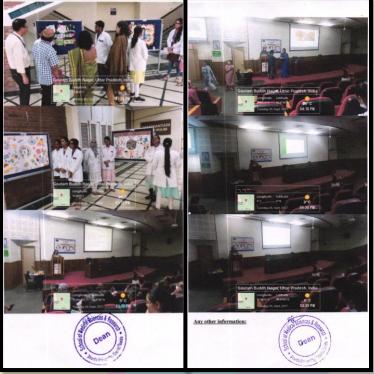
Incorporating more hunger-related content into the academic curriculum across various disciplines could further raise awareness and inspire action among students. Additionally, the university could explore opportunities to establish a dedicated center or institute focused on hunger and food security, which could serve as a hub for research, advocacy, and community engagement.



Sharda University's involvement in national hunger initiatives demonstrates its commitment to social responsibility and community welfare. Through education, research, and outreach, the university is making valuable contributions to the fight against hunger in India. However, by addressing challenges related to scalability and student engagement, and by expanding its partnerships and academic focus on hunger, Sharda University can play an even more significant role in tackling this critical issue on a national scale.

Name of the Event: 1. National Nutrition week





2. Health Awareness Programme on Nutrition in Pregnancy

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Name of the Book Chapter: 1. Functional Foods and Nutraceuticals for Maternal Health

- 2. Pressure-based processing technologies for food
- 3. Opportunities and applications of block chain for empowering tele-healthcare

Name of the Active Courses:

1. Nutrition

The course "Fundamentals of Food and Nutrition" aims at developing basic understanding about nutrition, its effect on human health and newer advances in food technology. This course encompasses physiological, biochemical and social aspects of food and discusses relationship between metabolites and human health. Moreover, the course is focused on the advances in the most emerging area of applied science of Nutraceuticals (where food is the medicine). The knowledge of nutrition under Extreme climate conditions, space nutrition, and sports nutrition

empowers students' knowledge and skills to utilize food as a powerful tool for physical, mental, and social wellbeing

- 2. COMMUNITY NUTRITION-I (The course aims to introduce public health nutrition practices, discuss significant nutrition problems, and provide an overview of community food and nutrition programs, fostering skill-building and innovative approaches.)
- 3. Cooking Skills and Healthy Recipes (The aim to program covers nutrition, health, and food tech, studying how food affects us physiologically, biochemically, and socially. It gives your health knowledge.)
- **4.** Food Adulteration(LAB) (The education program's goal Student will be able about identifying adulteration in food and drinks after this course.)
- **5.** FOOD PRESERVATION & PACKAGING (The aim of this program to demonstrate to the students advanced food preservation)
- **6.** FOOD SAFETY (To educate students about food safety, cleanliness, dangers, and regulations (national and international).
- 7. Food Science and Technology (The goal to enable students understand food's natural and processed modifications.)
- 8. Food Science and Technology Lab (The programme aims to explore the nature of foods and the natural and induced changes that take place in them due to handling and processing.)
- 9. FOOD SCIENCE –I (This program focuses on the study of the composition of foods and the alterations that take place in them both naturally and due to management and treatment.)
- 10. FOOD SCIENCE-II (The course emphasizes the nutritional components of ailments and clinical disorders and utilizes students' recent understanding of physiology, biochemistry, and food science.)
- 11. FOOD SERVICE MANGEMENT-I (A food service management Programme provides you with theoretical and practical knowledge, and you usually spend extensive time applying your coursework in real-world restaurant environments. The courses you take include food service sanitation, nutrition, culinary arts, dining room management and business practices.)
- 12. FOOD SERVICE MANGEMENT-I (A food service management Programme provides you with theoretical and practical knowledge, and you usually spend extensive time applying your coursework in real-world restaurant environments. The courses you take

include food service sanitation, nutrition, culinary arts, dining room management and business practices.)

- **13.** Food, Nutrition & Hygiene (The course aims at developing basic understanding about nutrition, its effect on human health and newer advances in food technology.)
- **14.** Fundamental of Food and Nutrition (The course "Fundamentals of Food and Nutrition" aims at developing basic understanding about nutrition, its effect on human health and newer advances in food technology.)







3 GOOD HEALTH AND WELL-BEING



The United Nations Sustainable Development Goal 3 (SDG 03) focuses on ensuring healthy lives and promoting well-being for all at all ages. While 146 out of 200 countries or areas have already met or are on track to meet the SDG target on various parameters, inequalities in health care access persist. Sharda University is uniquely located in the Knowledge Park area of Greater Noida and boasts of a sprawling 63 acres area with a vibrant and green campus. The University has 14 schools and 24 departments out of which a significant number is completely dedicated to the domain of Good Health and Well-being. These include, the School of Medical Sciences and Research, School of Dental Sciences, Sharda School of Allied Health Sciences, Sharda School of Nursing Sciences and Research, School of Pharmacy and School of Basic Sciences and Research. In the assessment year January 2021- December 2022, Sharda University was ranked between 301 and 400 in the University Times Impact Rankings, 2024. within India, the university was ranked 9th.

School of Medical Sciences & Research

https://www.sharda.ac.in/schools/school-of-medical-sciences-and-research

The School of Medical Sciences and Research (SMSR) was established in the year 2009, which envisions an ambience of excellence, inspiring value-based education, research and development.

SMSR is approved for an intake of 250 students in MBBS course by National Medical Commission, Ministry of Health & Family Welfare, Govt. of India. The School provides comprehensive facilities for teaching, research and patient care.

The School primarily imparts medical education of the highest standards to its MBBS and post graduate students and students of related biological sciences.

- A high academic standard is maintained by an experienced and dedicated team of professors, clinicians and scientists, who are engaged in teaching, research and developing technologies in healthcare.
- The school adopts innovative methods in education with community-based teaching, learning and research.
- The educational goal is to ensure a holistic development of theoretical and practical skills with the aim to prepare compassionate human beings, caring and courteous medical professionals and socially-conscious responsible citizens.
- One of the important requirements of the medical education program is the practical training, be it medical, nursing or paramedical courses. The School is co-located with Sharda Hospital, a 1200 bed super-specialty hospital for imparting extensive clinical & practical training to its medical students as an integral part of the medical institution. It is equipped with all the modern facilities and sophisticated medical equipments with the objective of providing a comprehensive healthcare solution under one roof to all sections of the community.
- The Medical School and Sharda Hospital have highly qualified, experienced consultants and teachers who continuously strive to improve the educational activities, health care delivery system and to make SMSR a center of excellence in medical education.
- In SMSR and Sharda Hospital, research is an integral part of the academic work. Research is undertaken on relevant major public health and medical problems, mostly revolving around the tropical environment in which this institution is located.

School of Dental Sciences

https://www.sharda.ac.in/schools/dental-sciences

School of Dental Sciences (SDS) formerly known as Hindustan Institute of Dental Sciences was established in the year 2006. It envisions an ambience of excellence, inspiring, value-based education, research, and development. SDS is a Recognized Dental College with an intake of 100 for BDS Programme and 21 in seven MDS Programmes by Dental Council of India and Ministry of Health & Family welfare, New Delhi and is <u>ranked 28th</u> among the top Dental Colleges of India. The School provides comprehensive facilities for teaching, research, and patient care. The classroom learning with state-of-the-art infrastructure adequately supports clinical training on the Dental Hospital is having more than 285 electrical dental chairs with latest equipments, and amenities. The School is imparting instructioctions in super specialties such as Oral Medicine & Radiology, Prosthodontics, Conservative Dentistry, Periodontology, Orthodontics, Oral Surgery, Oral Pathology & Microbiology, Pedodontics, Public Health Dentistry and Implantology, providing an ideal environment to excel. SDG 03 is a key focus area for the School of Dental Sciences and all activities that the school undertakes are evaluated, amongst others, on the touchstone of SDG 03.

Sharda School of Allied Health Sciences

https://www.sharda.ac.in/schools/allied-health-sciences

Allied Health Sciences plays a crucial role in the modern health management. Its vision is to produce skilled manpower in different areas of biomedical sciences for better healthcare delivery. The major contribution of the allied health professionals is in strengthening the medical and health services by being the major assisting support system to the mainline medical and health personnel in treating the patient in disease and promoting health in the society. The course structure and curricula of 11 different academic programs/ courses offered by the School have been framed and designed by eminent academicians and professionals, keeping in mind the present requirements and future requirements of the medical services and health industry. This would enable the graduates produced to meet the expectations of the patients and the demands of ever-increasing technology-oriented health care system.

By virtue of the availability of an in-campus well established and fully functional multispecialty 1200⁺ bedded hospital attached with its medical School, the department additionally prepares the students in different courses to meet the future challenges in the filed.

Sharda School of Nursing Science & Research

https://www.sharda.ac.in/schools/nursing-science-research

Sharda School of Nursing Science & Research (SSNS&R) encompasses a full spectrum of undergraduate and graduate programmes that prepare nursing students for a career in the healthcare industry. With SSNSR degree, the graduates enter the domain with a solid foundation in research, theory, clinical skills, and hands-on community service, which sets them apart as leaders in their profession. The School has been recognised as 'A' rated institution and awarded a Certificate of Excellence by State Government and a Mentor Institute to promote quality in Nursing Education.

Sharda school of Pharmacy

https://www.sharda.ac.in/schools/school-of-pharmacy

The School of Pharmacy includes a diverse community of scholars who work together and inspire one another in pharmaceutical research, practice, and services with an aim to enhance the quality of life across the spectrum. The School seeks to provide brand new, cutting-edge facilities to its students that act as a perfect resource for them to learn, grow, and put their ideas into practice. They develop future pharmacists who can meet the physical, emotional, and spiritual needs of patients, with ethic values and commitment. The School has well-equipped laboratories for General Pharmaceutics, Microbiology, Pharmacology and Toxicology as well as Pharmacognosy and Herbal Medicine to provide practical knowledge to the students. The School has been ranked 62nd in the country by the NIRF, GoI in the year 2023.

Sharda School of Basic Sciences & Research

https://www.sharda.ac.in/schools/basic-sciences-research

The Sharda School of Basic Sciences and Research is unique from other institutions of higher learning as it is committed to imparting knowledge in pure and applied sciences, which not only forms the foundation for further academic pursuits in science and technology but also acts as a stepping stone for students to pursue a career in multifaceted directions.

The academic programmes are designed to meet the challenges of the latest technological developments and envisage to become a state-of-the-art department that caters to the students at Graduate and Post-Graduate levels, along with providing high-quality education and cutting-edge interdisciplinary research in sciences. SSBSR has well-equipped laboratories for Physics, MAT LAB, Microbiology, Molecular Biology, Cell Culture, Virology, Bio-Chemistry, Physical, Organic and Inorganic Chemistry. In addition, there are Central Instrumentation Facility (CIF) and other advance research labs like visual arts labs to undertake research culture. The School is also associated with sponsored research and industrial consultancy work.

3.2 Proportion of Graduates in Health Professions

Number of Graduates	Number of Graduates in Health Profession	Proportion of Graduates in Health Professions	
2918	1708	58.5%	

3.3 Collaborations and Health Services

• Sharda University has signed numerous Memorandum of Understandings with AZOTH Biotech Pvt. Ltd., Noida, University of Cincinnati, USA, Shawnee State University, America, Divya Sampark IHUB, Roorkee, Kalasalingam Academy of Research and Education, Tamil Nadu, Ramanujan College, University of Delhi, New Delhi, Bishop Grosseteste University, United Kingdom, and Jubilant Generics Limited, Noida. Most of the exchange that takes place happens in terms of knowledge transfer and research collaborations in health and medical areas. This focuses tie ups with SDG 03 and help the University play a significant role in achieving the SDG goal.

- The Dental School has signed Memorandum of Understanding with international heath universities focussing on collaborative research, faculty and student exchange programs in the diverse specialisations. The School also collaborates with NGOs like *Rajkumari foundation* and *Mon Ami Foundation* to increase their outreach and spread awareness about good oral health and hygiene. MoUs have also been signed with Istanbul University, MGM Implants, Germany and the GSR Institute of Craniofacial & Facial Plastic Surgery, Hyderabad. Most of the research carried out at SDS focuses on finding diagnosis and newer and more efficient therapeutic modalities to common dental problems. The focus of much of the research work is targeted at ensuring early diagnosis of oral diseases and their treatment through cost-effective means.
- Sharda School of Allied Health Sciences has a major role in the training of allied health professionals who strengthen medical and health services by being being a major support system to the mainstream medical and health personnel in patient care. In its quest to further train and provide maximum academic exposure to our students, the School has signed MoU with Codon Biotech Lab- a DSIR approved laboratory, Legal Dezire, Saroj Hospital, Mahaveer Cancer Hospital, Jaipur and an International MoU with Nîgata University, Japan.
- Under *Mission Niramaya*, Sharda School of Nursing Science and Research has signed an MoU on 2nd December 2022 with Uttar Pradesh State Medical Faculty (UPSMF) to improve the quality of nursing education in Uttar Pradesh. Under this MoU, the School is recognized as a "*Mentor institute*" and is working along with UPSMF to improve the standards of other nursing institutes. Till date, Sharda School of Nursing Science and Research has recognized nursing institutes as "*Mentee institutes*" and MoUs have been signed with these institutes as well.
- To name some of these, the MoUs with Syadwad Institute of Higher Education, Prakash Institute of Physiotherapy and SRC Nursing and Paramedical Institute was signed on 26/07/2023, 28/07/2023 and 20/10/2023, respectively. Sharda School of Nursing Science and Research is mentoring these institutes by helping them improve their infrastructure, teaching pedagogy, clinical and community competency, and fair examination system. A business model has been formed and a consultancy fee amount is also paid by these institutes in terms of MoU.
- The School of Medical Sciences and Research has also entered into a Memorandum of Understanding with Naveen Hospital, Dadri and the Fortis Hospital, Greater Noida for collaborations on health services and knowledge exchange.
- The School of Agricultural Sciences has signed an MoU with the Bakson Homoeopathic Medical College and Hospital, Greater Noida for exchange of work on medicinal plants and subsequent research on the same.
- The School of Basic Sciences and Research has several ongoing projects sponsored by AICTE, DST-SERB, DST-ASEAN, ICMR, DRDO, ISRO, NIDM and MSME. The School has different research centres BioPOSITIVE Laboratory, Advanced Virology Centre, BioEnergy Research & Technology Development Centre, Atmospheric Research Laboratory, Computational Chemistry Lab (CCL) and Advanced Polymeric Materials Research Laboratory. In addition, Centre of Excellence on Solar Cells and Renewable Energy, Centre of Excellence in Artificial Intelligence in Medicine, Imaging and Forensics are dedicated to carry out research activities of Government/Non-Government funded research projects. The School has already completed 12 Research projects worth Rs. 377 lakhs and has 10 ongoing projects worth Rs.482

lakhs, sponsored by Department of Science and Technology (DST), SERB, Department of Biotechnology, Defence Research and Development Organisation (DRDO), ISRO, ICMR and NIDM etc. Xccelerator Entrepreneurial and Business Incubation Centre at Sharda University is sponsored by Ministry of Micro, Small and Medium Enterprises, Govt. of India, New Delhi. The Life Sciences Department is actively engaged in researches related to tuberculosis, cancer and other aspects of biomedical and food sciences.

Here are some significant projects that may have a positive impact on human life:

- ➤ A preclinical study to assess the efficacy of recombinant BCG expressing immune-dominant Mycobacterium tuberculosis "signature proteins" in conferring long term memory response and trained immunity.
- > Safety and efficacy of plant base nanoparticle coated wound dressings in diabetics mice.
- Explore Potential miRNAs to re-sensitize Drug resistant triple negative breast cancer by aiming at cancer stem cell.
- A case-control study to identify the levels of Vitamin D, Ferritin, Brain Derived Neurotrophic factor (BDNF) and associate with the genetic polymorphism of BDNF in Migraine.
- Development and Characterizations of Bionanomaterials for Drug Delivery/Tissue Engineering.
- A Study on Enriched Bacopamonnieri Active Component Delivery Targeting Glioblastoma and Associated Neurocognitive Dysfunction.
- Molecular and Immunohistochemical diagnosis of Extrapulmonary cutaneous Tubeculosis.
- Multi-center clinical validation of the novel system. Fluorescence imaging instrument: SeeTB system.
- Exploring the CRISPR/Cas9 System in Breast Cancer Therapy: Progress, Constraints, and Future Prospects.
- Fabrication and Biological Assessment of Fucoidan-Garlic extract Coated Quercetin Nanoparticles as Synergistic Anti-Leishmanial Agent.
- ➤ Isolation characterization of herbal plant constituents and their effect on curing Osteoporosis using osteoblastic cell lines
- ➤ Bioinformatics study of spatial distribution of variants of SARS CoV-2 & other respiratory viruses in India: In-Silico and wet lab studies of structural & non-structural protein mutations and their compatibility with vaccine/drug molecules.
- Therapeutic switching and nano-conjugation of P13/AKT pathway modulator(s) with leishmanial drug target inhibitor(s) as potential antileishmanial lead compounds.
- Prevalence risk factors and Laboratory Diagnosis of Pulmonary non-Tuberculosis Mycobacterial Disease: A multicentre study
- ➤ Genome Data Analysis of various strains of SARS-Cov-2:
- Extensive Inhibition Strategies against Potential Drug Targets

MoUs

Sr.No	Year	Department	MoU
1	2022-2023	Dental Sciences	https://ezone.sharda.ac.in/ezone- 2022/admin/naaccriteria/getpdfdetails/naaccriterias pdf- N2022-2023:criteria 3.7.2:MOU 3 .pdf
2	2022-2023	Life Sciences	https://ezone.sharda.ac.in/ezone- 2022/admin/naaccriteria/getpdfdetails/naaccriterias_pdf- N2022-2023:criteria_3.7.2:SU_LPU_MOU_2022-23.pdf
3	2022-2023	University	https://ezone.sharda.ac.in/ezone- 2022/admin/naaccriteria/getpdfdetails/naaccriterias_pdf- N2022-2023:criteria_3.7.2:MoU_Sharda _iHUB_Divyasampark.pdf
4	2022-2023	Humanities & Social Sciences	https://ezone.sharda.ac.in/ezone- 2022/admin/naaccriteria/getpdfdetails/naaccriterias_pdf- N2022-2023:criteria_3.7.2:SHSS_MoU_compressed.pdf
5	2022-2023	University	https://ezone.sharda.ac.in/ezone- 2022/admin/naaccriteria/getpdfdetails/naaccriterias_pdf- N2022-2023:criteria_3.7.2:MOU00011_pdf
6	2022-2023	University	https://ezone.sharda.ac.in/ezone- 2022/admin/naaccriteria/getpdfdetails/naaccriterias_pdf- N2022-2023:criteria_3.7.2:Shawnee_State- Letter_of_Intent.pdf
7	2022-2 <mark>023</mark>	University	https://ezone.sharda.ac.in/ezone- 2022/admin/naaccriteria/getpdfdetails/naaccriterias_pdf- N2022-2023:criteria_3.7.2:SU-UC_Letter_of_Intent.pdf
8	2022-2023	University	https://ezone.sharda.ac.in/ezone- 2022/admin/naaccriteria/getpdfdetails/naaccriterias_pdf- N2022- 2023:criteria_3.7.2:Agreement_Sharda_and_KARE.pdf
9	2022-2023	University	https://ezone.sharda.ac.in/ezone- 2022/admin/naaccriteria/getpdfdetails/naaccriterias_pdf- N2022- 2023:criteria_3.7.2:TLC_Ramanujan_signedMOU_03- 21-2023_14_19.pdf
10	2022-2023	Nursing Sciences	https://ezone.sharda.ac.in/ezone- 2022/admin/naaccriteria/getpdfdetails/naaccriterias_pdf- N2022- 2023:criteria_3.7.2:MOA_BETWEEN_UPSMFAC_S SNSR.pdf
11	2022-2023	University	https://ezone.sharda.ac.in/ezone- 2022/admin/naaccriteria/getpdfdetails/naaccriterias_pdf- N2022-2023:criteria_3.7.2:LoI Bishop_Grosseteste_UK.pdf

12	2022-2023	University	https://ezone.sharda.ac.in/ezone- 2022/admin/naaccriteria/getpdfdetails/naaccriterias_pdf- N2022-
			2023:criteria_3.7.2:MoU_Between_SU_and_Jubilant.pdf
13	2022-2023	Education	https://ezone.sharda.ac.in/ezone- 2022/admin/naaccriteria/getpdfdetails/naaccriterias pdf- N2022- 2023:criteria 3.7.2:MOU with Mayawati Govt colleg e_1_pdf
14	2022-2023	Dental Sciences	https://ezone.sharda.ac.in/ezone- 2022/admin/naaccriteria/getpdfdetails/naaccriterias_pdf- N2022-2023:criteria_3.7.2:Istanbul_University.pdf
15	2022-2023	Dental Sciences	https://ezone.sharda.ac.in/ezone- 2022/admin/naaccriteria/getpdfdetails/naaccriterias_pdf- N2022-2023:criteria_3.7.2:hindistan1pdf
16	2022-2023	Dental Sciences	https://ezone.sharda.ac.in/ezone- 2022/admin/naaccriteria/getpdfdetails/naaccriterias_pdf- N2022-2023:criteria_3.7.2:GSR_SU_MOUpdf
17	2022-2023	Medical Sciences	https://ezone.sharda.ac.in/ezone- 2022/admin/naaccriteria/getpdfdetails/naaccriterias_pdf- N2022-2023:criteria_3.7.2:MOU_21.pdf
18	2022-2023	Dental Sciences	https://ezone.sharda.ac.in/ezone- 2022/admin/naaccriteria/getpdfdetails/naaccriterias_pdf- N2022-2023:criteria_3.7.2:MOU2pdf
19	2022-2023	Medical Sciences	https://ezone.sharda.ac.in/ezone- 2022/admin/naaccriteria/getpdfdetails/naaccriterias_pdf- N2022- 2023:criteria_3.7.2:MOU with Naveen Hospital_0001. pdf
20	2022-2023	Nursing Sciences	https://ezone.sharda.ac.in/ezone- 2022/admin/naaccriteria/getpdfdetails/naaccriterias_pdf- N2022-2023:criteria_3.7.2:Prakash_Institute1.pdf
21	2022-2023	Nursing Sciences	https://ezone.sharda.ac.in/ezone- 2022/admin/naaccriteria/getpdfdetails/naaccriterias_pdf- N2022-2023:criteria_3.7.2:Syadwad_Institute1pdf
22	2022-2023	Agricultural Sciences	https://ezone.sharda.ac.in/ezone- 2022/admin/naaccriteria/getpdfdetails/naaccriterias_pdf- N2022-2023:criteria_3.7.2:SHARDA_MOu.pdf

Publications

Sr. No	Year	School	Title of paper	Name of the author/s	Name of journal	Link of particular paper
1	2023- 2024	Sharda School of Engineering & Technology	Cyclodextrin nanoparticles in targeted cancer theranostics	Roshnee Bose, Maharsh Jayawant, Rajesh Raut, Jaya Lakkakula, Arpita Roy, Saad Alghamdi, Naeem F Qusty, Rohit Sharma, Devvret Verma, Mayeen Uddin Khandaker, Abdullah Almujally, Nissren Tamam, Abdelmonei m Sulieman	Frontiers in Pharmacology	https://www.frontiersin .org/articles/10.3389/f phar.2023.1218867/ful 1?&utm_source=Email _to_authors_&utm_me dium=Email&utm_con tent=T1_11.5e1_autho r&utm_campaign=Em ail_publication&field= &journalName=Fronti ers_in_Pharmacology &id=1218867
2	2023- 2024	Sharda School of Engineering & Technology	Green synthesis of silver nanoparticles via Taxus wallichiana Zucc. plant- derived Taxol:	Sachin Bhusari , Parvindar M. Sah , Jaya Lakkakula , Arpita Roy , Rajesh Raut	Green Processing and Synthesis	https://www.degruyter. com/document/doi/10. 1515/gps-2023- 0051/html
			Novel utilization as anticancer, antioxidation, anti-inflammation, and antiurolithic potential	Ramesh Chondekar, Saad Alghamdi , Mazen Almehmadi , Mamdouh Allahyani , Ahad Amer Alsaiari , Abdulelah Aljuaid and Nabeela Al- Abdullah		
3	2023- 2024	Sharda School of Engineering & Technology	Eco-friendly synthesized nanoparticles as antimicrobial agents: an	Shilpa Borehalli Mayegowda, Arpita Roy, Manjula N.	Frontiers in Cellular and Infection Microbiology	https://www.frontiersin .org/articles/10.3389/fc imb.2023.1224778/full

			updated review	G., Soumya Pandit, Saad Alghamdi,		
				Mazen Almehmadi, Mamdouh Allahyani, Nasser S. Awwad, Rohit Sharma		
4	2023- 2024	Sharda School of Engineering & Technology	Polymer-based nanocarriers for biomedical and environmental applications	Dahir Sagir Idris , Arpita Roy, Soumya Pandit , Saad Alghamdi , Mazen Almehmadi , Ahad Amer Alsaiari , Osama Abdulaziz , Abdulaziz Alsharif , Mayeen Uddin Khandaker and Mohammad Rashed Iqbal Faruque	E-Polymers	https://www.degruyter. com/document/doi/10. 1515/epoly-2023- 0049/html
5	2023- 2024	Sharda School of Basic Sciences & Research	Development of a quartz crystal microbalance- based immunosensor for the early	Hem C. Joshi, Himanshu Kharkwal, Ajay Kumar, Piyush	Sensors International	https://www.sciencedir ect.com/science/article /pii/S26663511230002 20
			detection of mesothelin in cancer	Kumar Gupta		
6	2023- 2024	Sharda School of Engineering & Technology	New insights into molecular signaling pathways and current advancements in prostate cancer diagnostics & therapeutics	Neha Thakur 1Sameer Quazi, Bindu Naik , Saurabh Kumar Jha and Pallavi Singh1	Frontiers in Oncology	https://www.ncbi.nlm. nih.gov/pmc/articles/P MC10469924/pdf/fonc -13-1193736.pdf
7	2023- 2024	Sharda School of Basic Sciences & Research	Repurposing of antibacterial compounds for suppression of Mycobacterium tuberculosis	Geethu S. Kumar, Amit Dubey, Siva Prasad Panda, Maha M. Alawi,	Journal of Biomolecular Structure and Dynamics	https://www.tandfonlin e.com/doi/abs/10.1080 /07391102.2023.22450 59

			dormancy reactivation by targeting resuscitationpro moting factors B	Anees A. Sindi, Esam I. Azhar, Vivek Dhar Dwivedi & Sharad Agrawal	7	
8	2023- 2024	Sharda School of Engineering & Technology	Inhibition of Mycobacterium tuberculosis MtrA response regulator by anticancer drugs via computational methods	Akash Tripathi Satsangi, Pardeep Yadav, Arun Prasad Chopra, Saurabh Kumar Jha	Journal of Applied and Natural Science	https://journals.ansfou ndation.org/index.php/ jans/article/view/4631
9	2023- 2024	Sharda School of Basic Sciences & Research	Synthesis, DFT study, molecular docking and larvicidal activity of Chitin Inhibitor Alanine derived compounds	Misbah Shahid, Preeti Jain, Anindita De, Bennet Angel, Annette Angel, Suman Mallick, Vinod Joshi	Polyhedron	https://www.sciencedir ect.com/science/article /abs/pii/S02775387230 03510
10	2023- 2024	Sharda School of Engineering & Technology	Competitive inhibition of catechol from Andrographis paniculata in the complex of ERK2 in lung metastasis	Surya Pratap Gurjar, Arpita Roy, Aaryan Gupta	Journal of Integrated Science and Technology	https://pubs.thesciencei n.org/journal/index.ph p/jist/article/view/a719
11	2023- 2024	Sharda School of Engineering & Technology	Computational study of bioactive compounds from endophytic fungi against SARS-CoV-2	Arpita Roy, Tarunya Menon & Janhvi Mishra Rawat	Vegetos	https://link.springer.co m/article/10.1007/s425 35-023-00719-w
12	2023- 2024	Sharda School of Engineering & Technology	Drug Repositioning Using Computer- aided Drug Design (CADD)	Sona Rawat, Kanmani Subramania m, Selva Kumar Subramanian , Saravanan Subbarayan, Subramanian Dhanabalan, Sashik Kumar Madurai	Current Pharmaceutical Biotechnology	https://www.eurekaselect.com/article/133863

				Chidambara m, Balasubrama niam Stalin, Arpita Roy, Nagaraj Nagaprasad, Mahalingam Aruna, Jule Leta Tesfaye, Bayissa		
13	2023- 2024	Sharda School of Basic Sciences & Research	Elimination of lymphatic filariasis: Where do we stand so far?	Aashna Sinha, Sudhashekha r Kumar, Deen Dayal, Vaishali Yadav, Atreyi Pramanik, Kundan Kumar Chaubey, Sanjay Kumar	Asian Pacific Journal of Tropical Medicine	https://journals.lww.com/aptm/fulltext/2023/16090/elimination_of_lymphatic_filariasis_where_do_we.2.aspx
14	2023- 2024	Sharda School of Basic Sciences & Research	Environmental Health Risk Assessment of Heavy Metals Contamination in the Soils	Priyanka Gupta, Supriya Biswas, Gaurav Tamrakar, Shashank Sharma	Transactions of Indian Institute of Metals	https://link.springer.co m/article/10.1007/s126 66-023-03092-z
15	2023- 2024	Sharda School of Engineering & Technology	Role of exosomes in prostate cancer and male fertility	Dwaipayan Dey, Srestha Ghosh, Divya Mirgh, Siva Parsad Panda, Niraj Kumar Jha, Saurabh Kumar Jha	Drug Discovery Today	https://www.sciencedir ect.com/science/article /abs/pii/S13596446230 03070#:~:text=In%20P Ca%2C%20the%20ex osome%20is,its%20ass ociation%20with%20 male%20fertility.
16	2023- 2024	Sharda School of Medical Sciences & Research	Retrospective Analysis Of Blood Donor Deferrals In Tertiary Medical Care Hospital Of West Uttar Pradesh	Ankur Sharma, Jyoti Mishra, Adesh Kisanji Gadpayale , Nirupma Gupta, Neema Tiwari and Mahesh	Community Practitioner	https://www.researchg ate.net/publication/374 807029_RETROSPEC TIVE_ANALYSIS_O F_BLOOD_DONOR_ DEFERRALS_IN_TE RTIARY_MEDICAL_ CARE_HOSPITAL_O F_WEST_UTTAR_PR ADESH

				Ranakoti		
17	2023- 2024	Sharda School of Medical Sciences & Research	Quality of Life and Its Determinants Among Diabetic Patients in A Rural Area of Gautam Buddha Nagar, Uttar Pradesh, India	Sangeeta Dewan, Shalini Srivastava, Harsh Mahajan, Khushboo Juneja	National Journal of Community Medicine	https://njcmindia.com/i ndex.php/file/article/vi ew/3241
18	2023- 2024	Sharda School of Allied Health Sciences	Fotensic confirmation bias: Asthma as a cause of death	Shivpriya Sharma, Mayank Shukla	International Journal of Medical Toxicology and Legal Medicine	https://ezone.sharda.ac. in/ezone- 2022/admin/naaccriteri a/getpdfdetails/naaccrit erias_pdf-2023- 2024:criteria_3.4.5:shi vpriya.pdf
19	2023- 2024	Sharda School of Allied Health Sciences	Qualitative Analysis Of Heavy Metal Content In The Herbal Aphrodisiac Medicines	Ayushi Bhatnagar, Anjali Malik, Parmod Singh, Vikas Bhargav, Surender Singh Sehrawat	International Journal of Medical Toxicology & Legal Medicine	https://ezone.sharda.ac. in/ezone- 2022/admin/naaccriteri a/getpdfdetails/naaccrit erias_pdf-2023- 2024:criteria_3.4.5:An jali.pdf
20	2023- 2024	Sharda School of Allied Health Sciences	Clinicopathologi cal and prognostic significance of VEGF, PDGF-B and HER2/neu expression in gall bladder cancer	Pooja Shukla, Kumudesh Mishra, Ratnakar Shukla, Ruchira Vishwakarm a, Niraj	Journal of Cancer Research and Therapeutics	https://pubmed.ncbi.nl m.nih.gov/38554345/
			Calicer	Kumari, Narendra Krishnani, Anu Behari, Vinay K. Kapoor"		
21	2023- 2024	Sharda School of Allied Health Sciences	Methotrexate- conjugated zinc oxide nanoparticles exert a substantially improved cytotoxic effect on lung cancer cells by inducing apoptosis	Prakriti Mishra, Mohd Faizan Ali Ahmad, Lamya Ahmed Al- Keridis, Mohd Saeed, Nawaf Alshammari, Nadiyah M Alabdallah, Rohit Kumar	Frontiers in Pharmacology	https://www.frontiersin .org/articles/10.3389/f phar.2023.1194578/ful l

				Tiwari, Afza Ahmad, Mahima Verma,		
				Shireen Fatima, Irfan Ahmad Ansari	/	
22	2023-2024	Sharda School of Engineering & Technology	Clinical Theranostics Trademark of Exosome in Glioblastoma Metastasis	Sagnik Nag, Bikramjit Bhattacharya, Swagata Dutta, Debashmita Mandal, Sayantanee Mukherjee, Krishnan Anand, Rajalakshma nan Eswaramoort hy, Nanasaheb Thorat, Saurabh Kumar Jha, Sukhamoy Gorai	ACS Biomaterials Science and Engineering	https://pubs.acs.org/doi /10.1021/acsbiomateria ls.3c00212
23	2023- 2024	Sharda School of Basic Sciences & Research	Evaluation of outcome of disease in COVID-19 patients with Comorbidities: An experience from a Tertiary Care Center in North India	Suman Sharma, Deepinder Singh, Ashima Katyal, Paramjeet S. Gill, Surender Jangra, Bhupender	Research Journal of Pharmacy and Technology	https://www.rjptonline. org/AbstractView.aspx ?PID=2024-17-1-6
				Bhardwaj, Usha Bhocal		
24	2023- 2024	Sharda School of Pharmacy	Cancer- associated thrombosis: an overview of thrombosis mechanisms and its risk factors in cancer.	Prashu Yadav, Ashok Kumar Gupta, Rakesh K. Sindhu, Shashi Alok and Vinod Kumar Gupta	International journal of pharmaceutical sciences and research	https://ijpsr.com/bft- article/cancer- associated-thrombosis- an-overview-of- thrombosis- mechanisms-and-its- risk-factors-in-cancer/
25	2023- 2024	Sharda School of Pharmacy	Treatment Strategies for cervical cancer	Arun Kumar Singh, Sonali	Current Cancer Therapy	https://www.eurekasel ect.com/article/132808

			in older women: Challenges and Advancements	Sundram, Hema Arya, Vandana and Rishabha Malviya*	Reviews	
26	2023- 2024	Sharda School of Engineering & Technology	Exploring the potential of dietary factors and plant extracts as chemopreventive agents in oral squamous cell carcinoma treatment.	Maadhav Kumar , Abhimanyu Kumar Jha	Frontiers in Oral Health	https://www.frontiersin .org/articles/10.3389/fr oh.2023.1246873/full
27	2023- 2024	Sharda School of Humanities & Social Sciences	Parental Mental Health and Challenges in Parenting of Pre- schoolers During the COVID-19 Pandemic	Aasim Ur Rehman Ganie, Krishna Jayanthi P.M., Priyanka P. Nambiar and Kavita V. Jangam	Journal of Indian Association for Child and Adolescent Mental Health	https://journals.sagepu b.com/doi/full/10.1177 /09731342231187234
28	2023- 2024	Sharda School of Basic Sciences & Research	Molecular Basis of Host-Virus Interactions to Explain Relative Transmission and Severity Caused by Omicron and Delta variants of SARS-CoV-2	Vinod Joshi, B.M. Shareef, Bennet Angel, Annette Angel, Ramesh Joshi, Ambreen Shafaat	Journal of Pure and Applied Microbiology	https://microbiologyjo urnal.org/molecular- basis-of-host-virus- interactions-to- explain-relative- transmission-and- severity-caused-by- omicron-and-delta- variants-of-sars-cov-2/
				Khan, Poorna Khaneja, Nuzhat Maqbool Peer, Bhawna Sharma, Neha Singh, Satinder Pal Singh, Shilpa Barthwal, Komal Tomar, Kiran Yadav		
29	2023- 2024	Sharda School of Medical Sciences & Research	Assessment Of Fat Mass Index (Fmi) And Impact On	Saurabh Singh, Thuraya Abdulsalam	Community Practitioner	https://commprac.com/ october-2023/

			Thyroid Stimulating Hormone (Tsh) Among Young Healthy Females From Western Uttar Pradesh, India"	A.A. Al- Azazi Manoj Kumar Nandkeoliar , Dhivya S , Jasmeen Gupta and Bhaskar Charana Kabi		
30	2023- 2024	Sharda School of Medical Sciences & Research	Influence Of Inflammatory Marker Interleukin-4 On Atherogenic Indices In Healthy Individuals	Pooja Sharma , Dhivya S , Manoj Kumar Nandkeoliar Thuraya Abdullsalam AA Al- Azazi , Jasmeen Gupta and Bhaskar Charana Kabi "	Community Practitioner	https://commprac.com/october-2023/
31	2023- 2024	Sharda School of Medical Sciences & Research	Direct And Indirect Coombs Tests: Clinical And Serological Correlation At A Tertiary Care Academic Blood Centre	Ankur Sharma, Neema Tiwari , Adesh Kisanji Gadpayle, Nirupma Gupta and Jyoti Mishra	Community Practitioner	https://commprac.com/ october-2023/
32	2023- 2024	Sharda School of Medical Sciences & Research	Immunotherapy: The Emerging Arm Of Oncologic Management	K. Suresh, Ashok Kumar Gupta, Ramya Venkatarama n and Vikram Singh Chauhan	Community Practitioner	https://commprac.com/ october-2023/
33	2023- 2024	Sharda School of Basic Sciences & Research	Dose-dependent cytotoxicity against lung cancer cells via green synthesized ZnFe2O4/cellulo se nanocomposites	Alka Singh, Nakshatra Bahadur Singh, Kanu Priya, Richa Tomar, Mohammed Saeed Al- Qahtani, Mohammad Tarique	e-Polymers	https://www.degruyter. com/document/doi/10. 1515/epoly-2023- 0113/html

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34	2023- 2024	Sharda School of Engineering & Technology	Patch-Based Breast Cancer Histopathologica I Image Classification using Deep Learning	Aashita Rajput, Muskan Yadav, Sachin Yadav, Megha Chhabra*, and Arun Prakash Agarwal	International Journal of Performability Engineering	http://www.ijpe- online.com/EN/10.239 40/ijpe.23.09.p6.60762 3
35	2023- 2024	Sharda School of Engineering & Technology	Early Detection of Lung Nodules Using a Revolutionized Deep Learning Model	Durgesh Srivastava, Santosh Kumar Srivastava , Surbhi Bhatia Khan, Hare Ram Singh , Sunil K. Maakar , Ambuj Kumar Agarwal , Areej A. Malibari and Eid Albalawi	Diagnostics	https://www.mdpi.com /2075- 4418/13/22/3485
36	2023- 2024	Sharda School of Engineering & Technology	Bio-fabrication of Silver–Zinc Bimetallic Nanoparticles and Its Antibacterial and Dye Degradation Activity	Dahir Sagir Idris, Arpita Roy, Anandhalaks hmi Subramanian , Saad Alghamdi, Kumarappan Chidamabara m & Naeem F. Qusty	Journal of Inorganic and Organometallic Polymers and Materials	https://link.springer.com/article/10.1007/s10904-023-02936-x#:~:text=The%20bimetallic%20nanoparticles%20showed%20effective,%2Dpositive%20bacterial%20strains%20(S.
37	2023- 2024	Sharda School of Pharmacy	Mechanisms and prospects of piezoelectric materials as smart delivery vehicles in	Haleema Fayaz, Tanishka Gupta, Safia Obaidur Rab,Saurabh Kumar Jha,	Drug Discovery Today	https://www.sciencedir ect.com/science/article /pii/S13596446230037 81?via%3Dihub

			cancer treatment	Sandeep Kumar		
38	2023- 2024	Sharda School of Medical Sciences & Research	Multiple bilateral breast masses due to lymphoma metastases: A report of 2 cases highlighting the mammographic and sonographic features	Hemal Grover, Shabnam Bhandari Grover, Frimmit Leah Forman Geetika Khanna, Laurie Margolies	Radiology Case Reports	https://www.sciencedir ect.com/science/article /pii/S19300433230077 07?via%3Dihub
39	2023- 2024	Sharda School of Engineering & Technology	Molecular dynamics simulations assisted investigation of phytochemicals as potential lead candidates against antiapoptotic Bcl-B protein	Rittik Bhati, Hazel Zedeng, Ekampreet Singh, Ankit Kumar, Monika Jain, J. SEnthil Kumaran, Amit Kumar Singh and Jayaraman Muthukumar an	Journal of Biomolecular Structure and Dynamics	https://www.tandfonlin e.com/doi/full/10.1080 /07391102.2023.22953 85
40	2023- 2024	Sharda School of Engineering & Technology	Design, synthesis, molecular docking, and biological activity of pyrazolo[3,4- b]pyridines as promising lead candidates against Mycobacterium tuberculosis	H. Surya Prakash Rao, R. Gunasundari , Lakshmi Narayana Adigopula, Jayaraman Muthukumar an3	Medicinal Chemistry Research	https://link.springer.co m/article/10.1007/s000 44-023-03173-0
41	2023- 2024	Sharda School of Allied Health Sciences	Comparison of various sample preparation methods for benzodiazepines in terms of the principles of white analytical chemistry	Bharti Jain ,Rajeev Jain, Mohd Nazam Ansari , Abuzar Kabir , Lalit Pratap Chandravans	Trends in Analytical Chemistry	https://www.sciencedirect.com/science/article/abs/pii/S0165993624000062
42	2023- 2024	Sharda School of Allied Health Sciences	Aloe-emodin exhibits growth suppressive effects on	Talib Hussain, Ahmed Alafnan,	Frontiers in Pharmacology	https://www.frontiersin .org/articles/10.3389/f phar.2023.1325184/ab stract

			androgen- independent human prostate cancer DU145 cells via inhibiting Wnt/β- catenin signaling pathway: in vitro and in silico study	Ibrahim Abdullah Almazni, Nawal Helmi, Afrasim Moin, Hanadi Baeissa, Amir Mahgoub Awadelkaree m, AbdElmonei m O. Elkhalifa, Tahani Bakhsh, Abdulrahma n Alzahrani, Rashed Mohammed Alghamdi, Mohammad Khalid, Rohit Kumar Tiwar		
43	2023-2024	Sharda School of Allied Health Sciences	Targeting NF-kB signaling cascades of glioblastoma by a natural benzophenone, garcinol, via in vitro and molecular docking approaches	Syed Mohd Danish Rizvi, Ibrahim Almazni, Mamdoh S Moawadh, Zeyad M Alharbi, Nawal Helmi, Leena S Alqahtani, Talib Hussain, Ahmed Alafnan, Afrasim Moin, Abdelmonei m O Elkhalifa, Amir Mahgoub Awadelkaree m, Mohammad Khalid and Rohit Kumar Tiwari	Frontiers in Chemistry	https://www.frontiersin .org/articles/10.3389/fc hem.2024.1352009/abs tract

44	2023- 2024	Sharda School of Allied Health Sciences	The molecular mechanism of obesity: The science behind natural exercise yoga and healthy diets in the treatment of obesity	Rajesh Yadav, Swetanshu , Pratichi Singh	Current Problems in Cardiology	https://www.sciencedir ect.com/science/article /abs/pii/S01462806230 07624
45	2023- 2024	Sharda School of Medical Sciences & Research	Prospective evaluation of ethambutol toxic optic neuropathy in patients of pulmonary tuberculosis	Neharika Sharma, Abha Gahlot, Jawahar Lal Goyal, Devendra Kumar singh, Divya Singh, Arushi Gupta, Pulkit Gandhi	Indian Journal of Tuberculosis	https://www.sciencedir ect.com/science/article /abs/pii/S00195707230 01993
46	2023- 2024	Sharda School of Basic Sciences & Research	Anticancer Drug Discovery Based on Natural Products: From Computational Approaches to Clinical Studies	Pritee Chunarkar- Patil, Mohammed Kaleem, Richa Mishra, Subhasree Ray, Aftab Ahmad, Devvret Verma, Sagar Bhayye, Rajni Dubey, Himanshu Narayan Singh, and Sanjay	Biomedicines	https://www.mdpi.com /2227-9059/12/1/201
47	2023- 2024	Sharda School of Engineering & Technology	Reversal of promoter hypermethylation of CADM1 and SOCS1 by leaf extract of Datura metel in cervical cancer cells	Mehak Sharan, Niraj Kumar Jha, Saurabh Kumar Jha, Abhimanyu Kumar Jha	The Chemical Biology Letters	https://pubs.thesciencei n.org/journal/index.ph p/cbl/article/view/a654
48	2023- 2024	Sharda School of Dental Sciences	Assessment of Efficiency of Bioactive Glass, Self-Assembling	Noura Alessa, Shahzad Ali Shah,	Pesquisa Brasileira em Odontopediatri a e Clínica	https://revista.uepb.edu .br/PBOCI/article/view /3110/2243

			Peptide, and Ozone Remineralising Agents on Artificial Carious Lesion	Rishibha Bhardwaj, Prabu Mahin Syed Ismail, M. Nazargi Mahabob, Prashant Babaji, Vardarajula Venkata Ramaiah	Integrada	
49	2023- 2024	Sharda School of Basic Sciences & Research	Emerging trends in gastrointestinal cancers: Targeting developmental pathways in carcinogenesis and tumor progression	Afza Ahmad, Rohit Kumar Tiwari, Saleha Siddiqui, Muskan Chadha, Ratnakar Shukla, Vivek Srivastava	International Review of Cell and Molecular Biology	https://www.sciencedir ect.com/science/article /pii/S19376448230017 03?dgcid=author
50	2023- 2024	Sharda School of Medical Sciences & Research	Assessment Of Waist Hip Ratio (Whr) And Fasting Blood Glucose (Fbg) Level In Young Obese Subjects	Aditya Kumar Jha, Dhivya S, Thuraya Abdulsalam A.A. Al- Azazi, Bhaskar Charana Kabi and Manoj Kumar Nandkeoliar	Community Practitioner	https://commprac.com/december-2023/
51	2023- 2024	Sharda School of Medical Sciences & Research	Association Of Liver Enzymes And Severity Of Dengue Fever In Children: A Retrospective Analysis	Smita Nair, Amit Vij and Rajeev Kumar Thapar	Community Practitioner	https://commprac.com/december-2023/
52	2023- 2024	Sharda School of Basic Sciences & Research	In Vitro and in Silico Studies on 4- Nitroacetopheno ne Thiosemicarbazo ne Potential Cytotoxicity Against A549 Cell Lines	Neha Verma, Mohini Singh, Piyush Bhati, Sonia Khanna, Mohd. Tashfeen Ashraf, Shilpa Kumari, Nidhi Chatterjee,	Applied Biochemistry and Biotechnology	https://link.springer.co m/article/10.1007/s120 10-023-04814-1

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53	2023- 2024	Sharda School of Engineering & Technology	Novel Algorithm for Pulmonary Nodule Classification using CNN on CT Scans	Drishti Singh, Jaspreet Singh	International Journal of Intelligent Systems and Applications in Engineering	https://ijisae.org/index. php/IJISAE/article/vie w/4237/2883
54	2023- 2024	Sharda School of Pharmacy	Chitosan based nanocarriers as a promising tool in treatment and management of inflammatory diseases	Shuchi Goyal, Divya Thirumal, Jaya Rana, Ashok Kumar Gupta, Ashok Kumar, M. Arockia Babu , Pradeep Kumar, Rakesh K. Sindhu	Carbohydrate Polymer Technologies and Applications	https://www.sciencedir ect.com/science/article /pii/S26668939240002 27?via%3Dihub
55	2023- 2024	Sharda School of Engineering & Technology	A comprehensive study of pedestrian safety behaviour at urban signalised T-intersections	Faizanul Haque, Farhan Ahmad Kidwai and Mohd. Suhail Khan	Transportation Planning and Technology	https://www.tandfonlin e.com/doi/full/10.1080 /03081060.2024.23151 46?src=
56	2023- 2024	Sharda School of Basic Sciences & Research	Exploring promising natural compounds for breast cancer treatment: in silico molecular docking targeting WDR5- MYC protein interaction	Amka Nagar, AMit Dubey, Ankur Sharma and Mohini Singh	Journal of Biomolecular structure and Dynamics	https://www.tandfonlin e.com/doi/full/10.1080 /07391102.2024.23179 75
57	2023- 2024	Sharda School of Nursing Science and Research	A Narrative Review on Knowledge and Practice Regarding Family Planning Methods and Knowledge and Effectiveness of Six Sigma in the	Neha Barari and Deepak Sethi	Journal of Datta Meghe Institute of Medical Sciences University	https://www.researchg ate.net/publication/376 928765_A_Narrative_ Review_on_Knowledg e_and_Practice_Regar ding_Family_Planning _Methods_and_Knowl edge_and_Effectivenes s_of_Six_Sigma_in_th e_Health_Sector#full-

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58	2023- 2024	Sharda School of Engineering & Technology	Finite element modeling and analysis of crashworthiness performance of bioinspired thinwalled tapered tubular structures	P. Anbumani, Atul Babbar, K. Arunprasath, Ashutosh Sahu, Vineet Kumar & Lavish Kumar Singh	International Journal on Interactive Design and Manufacturing (IJIDeM)	https://link.springer.co m/article/10.1007/s120 08-023-01727-5
59	2023- 2024	Sharda School of Allied Health Sciences	Impact of Perinatal Arsenic Exposure on Amino Acid Neurotransmitter s and Bioenergetics Molecules in the Hippocampus of Rats	Lalit P. Chandravans hi, Rajendra K. Shukla, Prashant K. Agrawal, Richa Gupta and Hany W. Darwish	Toxicology International	https://www.informatic sjournals.com/index.ph p/toxi/article/view/348 19
60	2023- 2024	Sharda School of Allied Health Sciences	The association between antismoking legislation and prevalence of acute respiratory illnesses in Indian children	Mamta Verma, K. Sangeeta, Bhupendra Kumar Verma, Dharmendra Kumar Dubey, Mukul Mondal, Mousumi Nath Mazumder, Hafiz T.A. Khan, Vivek Verma	Public Health in Practice	https://www.sciencedir ect.com/science/article /pii/S26665352240001 81
61	2023- 2024	Sharda School of Basic Sciences & Research	Nano cerium oxide loaded magnetic multi-walled carbon nanotubes nanocomposite for anti-cancer and anti-bacterial applications	Kalpana Balakrishnan , Sreejesh Sreekumar, Karthik Arumugam, Piyush Kumar Gupta	Biocatalysis and Agricultural Biotechnology	https://www.sciencedir ect.com/science/article /abs/pii/S18788181240 00975
62	2023- 2024	Sharda School of Basic Sciences & Research	Repurposing of SARS-CoV-2 compounds against Marburg Virus using MD simulation, mm/GBSA, PCA	Sanjay Kumar, Rajni Dubey, Richa Mishra, Saurabh Gupta,	Journal of Biomolecular Structure and Dynamics	https://pubmed.ncbi.nl m.nih.gov/38450706/

			analysis, and free energy landscape	Vivek Dhar Dwivedi, Subhasree Ray, Niraj Kumar Jha, Devvret Verma, Lung-Wen Tsai, Navneet Kumar Dubey		
63	2023-2024	Sharda School of Basic Sciences & Research	A Comprehensive Review of Various Therapeutic Strategies for the Management Skin Cancer of	Sudharshan Reddy Dachani, Mohammed Kaleem, Md. Ali Mujtaba, Nilesh Mahajan*, Sayyed A. Ali, Ali F Almutairy, Danish Mahmood, Md. Khalid Anwer, Mohammad Daud Ali, and Sanjay Kumar	ACS Omega	https://pubs.acs.org/doi /full/10.1021/acsomeg a.3c09780
64	2023- 2024	Sharda School of Engineering & Technology	Targeting MurB from Helicobacter pylori: insights from virtual screening, molecular docking and molecular dynamics simulation	Abhishek Sharma, Amit Kumar Singh, Jayaraman Muthukumar an & Monika Jain	Molecular Simulations	https://www.tandfonlin e.com/doi/abs/10.1080 /08927022.2024.23168 18
65	2023- 2024	Sharda School of Pharmacy	Trastuzumab- conjugated liposomes for co- delivery of paclitaxel and anti-abcb1 siRNA in HER2- positive breast cancer: In vitro and in vivo evaluations.	Gautam Kumar, Prashansha Mullick, Sai Balaji Andugulapat i, Abhisheik Chowdary Eedara, Nitesh Kumar, Srinivas Mutalik, Krishnadas Nandakumar	Journal of Drug Delivery Science and Technology	https://www.sciencedir ect.com/science/article /pii/S17732247240028 31

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66	023- 024	Sharda School of Engineering & Technology	Privacy- preserving authentication approach for vehicular networks	Chindika Mulambia, Sudeep Varshney, Amrit Suman	Indonesian Journal of Electrical Engineering and Computer Science	https://ijeecs.iaescore.c om/index.php/IJEECS/ article/view/35297/183 20
67	023- 024	Sharda School of Basic Sciences & Research	Association of tumor volume with molecular phenotypes in breast cancer: A study at a tertiary care hospital	Santosh Kumar Sharma, Sompal Singha and Sanjay Kumar	World Academy of Sciences Journal	https://www.spandidos - publications.com/10.3 892/wasj.2024.243
68	023-	Sharda School of Pharmacy	Exploring the potential of semi-synthetic Swertiamarin analogues for GLUT facilitation and insulin secretion in NIT-1 cell lines: a molecular docking and invitro study	Satyender Kumar, Prakash Niguram, Vinod Jairaj, Neelam Chauhan, Seema Jinagal, Sneha Sagar, Rakesh Kumar Sindhu & Amrish Chandra	Natural Product Research Formerly Natural Product Letters	https://www.tandfonlin e.com/doi/full/10.1080 /14786419.2024.23420 05
69	023-024	Sharda School of Engineering & Technology	Exploration of the antiproliferative activity of lectin-like protein from seeds of Datura stramonium: An in vitro study	Monika Jain , Mohd Amir, Mohd Yousuf, Manish Sharma, Sanjay Naik , Sanjit Kumar, Jayaraman Muthukumar an, Mohd Sajid Ali , Hamad A. Al-Lohedan, Amit Kumar Singh	Journal of King Saud University - Science	https://www.sciencedir ect.com/science/article /pii/S10183647240012 89?via%3Dihub
70	.023- .024	Sharda School of Engineering & Technology	In silico strategies for identifying therapeutic candidates	Kumar A, Singh P, Singh E, Jain M, Muthukumar	Journal of Biomolecular Structure and Dynamics	https://www.tandfonlin e.com/eprint/HM4YSR B3CJAQUKCQ6M6S/ full?target=10.1080/07 391102.2024.2325661

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71	2023- 2024	Sharda School of Basic Sciences & Research	Synthesis, Biological Evaluation, Molecular Docking and ADME Profiling of Methylpiperidin- 4-ylphenyl- nicotinamide Derivatives	Baban Mohan Mulik, Noopur Srivastava, Dhananjay Pendharkar	Chemistry Select	https://chemistry- europe.onlinelibrary.w iley.com/doi/full/10.10 02/slct.202304498
72	2023- 2024	Sharda School of Basic Sciences & Research	Synthesis and biological evaluation of Trifluoromethox yphenyl Indole Carboxamide analogs, ADME and toxicity prediction	Baban Mohan Mulik, Noopur Srivastava, Dhananjay Pendharkar	Chemical Biology Letters	https://pubs.thesciencei n.org/journal/index.ph p/cbl/article/view/a660 /547
73	2023- 2024	Sharda School of Engineering & Technology	The Impact of microRNA SNPs on Breast Cancer: Potential Biomarkers for Disease Detection	Sakshi Chauhan, Runjhun Mathur & Abhimanyu Kumar Jha	Molecular Biotechnology	https://link.springer.co m/article/10.1007/s120 33-024-01113-w
74	2023- 2024	Sharda School of Engineering & Technology	Editorial: Reviews in the prevention and early detection of oral cancers	Abhimanyu Kumar Jha	Frontiers in Oral Health	https://www.frontiersin .org/articles/10.3389/fr oh.2024.1362945/full
75	2023- 2024	Sharda School of Basic Sciences & Research	Current Advances in the therapeutic potential of nanomedicines for pulmonary disorders	Mayank Sharma, Rahul Shah, Apeksha Saraf, Rohit Kumar, Rahul Maheshwari, Kalpana Balakrishnan , Abhinav Nair, Ranvijay	Emergent Materials	https://link.springer.co m/article/10.1007/s422 47-024-00708-y

76	2023- 2024	Sharda School of Basic Sciences & Research	Design, Synthesis, and Anticancer Activity of Novel Methoxycyclohe xyl Nicotinamides	Kumar, Piyush Kumar Gupta Baban Mohan Mulika,Noo pur Srivastava, Dhananjay Pendharkar and Mridula	Russian Journal of Organic Chemistry	https://link.springer.co m/article/10.1134/S10 70428024010226
77	2023- 2024	Sharda School of Pharmacy	A Systemic Review on Photodynamic Therapy: Emerging Technology with Healing Process	Prachi varshney, Yogesh Kumar, Devdhar Yadav, Amit Singh, Naga Rani Kagithala, Pramod Kumar Sharma, Omji Porwal, Neeraj Kumar Fuloria, Pradeep Kumar Sharma, Ashok Kumar Gupta, GSN Koteswara Rao	Current Cancer Therapy Reviews	https://benthamscience .com/article/134843
78	2023- 2024	Sharda School of Basic Sciences & Research	Mathematical Modeling of the Impact of Infectious Diseases on Human Health: Understanding Adverse Effects	Diksha Sharma, Alpna Mishra	The International Journal of Science, Mathematics and Technology Learning	https://zenodo.org/records/10881590
79	2023- 2024	Sharda School of Dental Sciences	An Exploratory Research Comparing Oral Health, Pattern of Substance Abuse and Nicotine Dependence among LGBT, Female Sex	Swati Sharma, Sakshi Shukla, Shivlingesh K Kamate, Rupali Kalsi, Meena Jain, Simon Walia,	The Journal of Contemporary Dental Practice	https://pubmed.ncbi.nl m.nih.gov/38317398/

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80	2023- 2024	Sharda School of Pharmacy	Nanogel of Tridax procumbens Linn as a potential in rheumatoid Arthritis therapy	Ram Kumar Choudhary, Anasuya Patil, Nehal Shah, Mehulkumar Kiranbhai Bhatt, Neeli Rose Beck, Varsha Deva, Nayyar Parvez and Mahaveer Singh	African Journal of Biological Sciences	https://www.afjbs.com /uploads/paper/53a24b d9fb300d36404e7d6c5 241ba99.pdf
81	2023- 2024	Sharda School of Pharmacy	SIRT6 in Regulation of Mitochondrial Damage and Associated Cardiac Dysfunctions: A Possible Therapeutic Target for CVDs	K P Divya , Navjot Kanwar, P V Anuranjana, Gautam Kumar, Fathima Beegum, Krupa Thankam George, Nitesh Kumar, K Nandakumar , Abhinav Kanwal .	Cardiovascular Toxicology	https://link.springer.co m/article/10.1007/s120 12-024-09858-1
82	2023- 2024	Sharda School of Basic Sciences & Research	Molecular insight into the structural and functional	Javedkhan Pathan, Deepak Kumar	Journal of Inorganic Biochemistry	https://www.sciencedir ect.com/science/article /abs/pii/S01620134240 01077
			aspects of arene Ru(II) complexes bearing bulky thiourea ligands	Tripathi Krishna Mohan Poluri, Ashish Chalana, Sanjay Adhikari		01077
83	2023- 2024	Sharda School of Pharmacy	Formulation and characterization of metformin-loaded ethosomes for topical application to experimentally induced skin cancer in mice	Ram Kumar Choudhary1 , Mahaveer Singh2 , Dhruv Dev3 , Anant S. Deshpande4 , S. Amudha5 , Parag Kulkarni6 ,	African Journal of Biological Sciences	https://www.afjbs.com /uploads/paper/2beb51 efef30bea70e08bcc56a 34612b.pdf

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84	2023-2024	Sharda School of Basic Sciences & Research	Characterization of Circulating HCV genotypes: A cohort study in Uttar Pradesh, India.	Nuzhat Maqbool Peer, Vinod Joshi, Annette Angel, Bennet Angel, Vikram Singh Chauhan, Shareef Mohammed Buvvaji, Poorna Khaneja, Ambreen Shafaat Khan, Shilpa Barthwal, Neha Singh, Bhawna Sharma, Ramesh Joshi, Monika Dheer, Khushbu Kumari, Aarya Chitra	Journal of Pure and Applied Microbiology	https://microbiologyjo urnal.org/characterizati on-of-circulating-hcv- genotypes-a-cohort- study-in-uttar-pradesh- india/
85	2023- 2024	Sharda School of Engineering & Technology	Understanding Genetic Risks: Computational Exploration of Human β- Synuclein nsSNPs and their Potential Impact on Structural Alteration	Pragati Mahur, Abhishek Sharma, Gulnaz Jahan , Adithya S.G. , Amit Kumar Singh , Jayaraman Muthukumar an, Monika Jain	Neuroscience Letters	https://www.sciencedir ect.com/science/article /abs/pii/S03043940240 02040?via%3Dihub
86	2023- 2024	Sharda School of Allied Health Sciences	Genetic variability of histidine-rich protein 2 repeat sequences: Misleading factor in true determination of Plasmodium falciparum in different	Prabhat Ranjan, Ujjala Ghoshal, Swayam Prakash, Ankita Pandey, Ratnakar Shukla	Indian Journal of Medical Microbiology	https://www.sciencedirect.com/science/article/abs/pii/S0255085724000914?via%3Dihub

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87	2023- 2024	Sharda School of Allied Health Sciences	Genetic Variation in Toll-Like Receptors (TLRs) 2, 4, and 9 Influences HIV Disease Progression Toward Active TB and AIDS	Gaurav Kaushik, Richa Vashishtha, Chaitenya Verma, Shipra Sharma, Vinay Kumar	Journal of Inflammation Research	https://www.dovepress .com/genetic-variation- in-toll-like-receptors- tlrs-2-4-and-9- influences-hiv-peer- reviewed-fulltext- article-JIR
88	2023- 2024	Sharda School of Allied Health Sciences	Cancer Vaccines in the Immunotherapy Era: Promise and Potential	Chaitenya Verma, Vishakha Anand Pawar, Shivani Srivastava , Anuradha Tyagi, Gaurav Kaushik , Surendra Kumar Shukla ,* and Vinay Kumar	Vaccines	https://www.mdpi.com /2076- 393X/11/12/1783
89	2023- 2024	Sharda School of Basic Sciences & Research	Preparation and Characterization of Gold Nanoparticles from Bacterial Source and Their Separation Using Low-Cost Zirconia Composite Membrane	K. Mohit · G. Pugazhenthi · D. Vasanth	Arabian Journal for Science and Engineering	https://link.springer.co m/article/10.1007/s133 69-024-09154-8
90	2023-2024	Sharda School of Basic Sciences & Research	Diagnosis of abdominal tuberculosis: Detection of mycobacterial CFP-10 and HspX proteins by gold nanoparticle-PCR amplified immunoassay	Bhawna Dahiya, Preeti Mor, Anam Rais, Tulika Prasad, Abhishek Sheoran, Reetu Sheoran, Suman Sharma, Mahesh K. Seth, Sunil K. Srivastava, Promod K.	Journal of Microbiological Methods	https://www.sciencedir ect.com/science/article /pii/S01677012240003 7X

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91	2023- 2024	Sharda School of Basic Sciences & Research	Revolutionizing Leishmaniasis Treatment with Cutting Edge Drug Delivery Systems and Nanovaccines: An Updated Review	Srushti Tambe, Sagnik Nag, Shivani R. Pandya, Rohit Kumar, Kalpana Balakrishnan , Ranvijay Kumar, Sandeep Kumar, Meenu Khurana, Purnima Amin, Piyush Kumar Gupta	ACS Infectious Diseases	https://pubs.acs.org/doi /10.1021/acsinfecdis.4 c00010
92	2023- 2024	Sharda School of Engineering & Technology	A novel skin cancer detection model using modified finch deep CNN classifier model	Ashwani Kumar, Mohit Kumar, Ved Prakash Bhardwaj, Sunil Kumar & Shitharth Selvarajan	Scientifc Reports	https://www.nature.co m/articles/s41598-024- 60954-2
93	2023- 2024	Sharda School of Engineering & Technology	Antioxidant, dye degradation, and molecular docking studies of orange peel extract derived Ag-Fe-Ni nanoparticles	Aaryan Gupta, Benazeer Haque, Arpita Roy, Abdul Malik, Azmat Ali Khan, Kirtanjot Kaur, Amit Roy	Inorganic Chemistry Communication s	https://www.sciencedir ect.com/science/article /pii/S13877003240058 23
94	2023- 2024	Sharda School of Basic Sciences & Research	Structure-based virtual screening methods for the identification of novel phytochemical inhibitors targeting furin protease for the management of COVID-19	Prashant Kumar Tiwari, Mandeep Chouhan, Richa Mishra, Saurabh Gupta, Anis Ahmad Chaudhary, Mohammed Al-Zharani, Ashraf	Frontiers in Cellular and Infection Microbiology	https://www.frontiersin .org/articles/10.3389/fc imb.2024.1391288/full

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				Nasr, Niraj Kumar Jha, Kumud Pant, Mukesh Kumar and Sanjay Kumar		
95	2023- 2024	Sharda School of Basic Sciences & Research	Cysteamine modified Ruellia simplex carbon dots: tuning photoluminescen ce and unraveling the metal sensing mechanism	Pratibha Pansari, Geeta Durga, Rabita Javed	Chemical Papers	https://link.springer.co m/article/10.1007/s116 96-024-03521-3
96	2023- 2024	Sharda School of Allied Health Sciences	Metagenomic Analysis of Biliary Microbial Flora in Patients with Gallbladder Cancer or Gallstones Associated Chronic Cholecystitis	Ratnakar Shukla, Yasuo Tsuchiya, Anu Behari, Toshikazu Ikoma, Kazutoshi Nakamura & Vinay K. Kapoor	Cancer Investigation	https://www.tandfonlin e.com/doi/full/10.1080 /07357907.2024.23613 05
97	2022-2023	Sharda School of Engineering & Technology	Characterization and Antibacterial Activity of Plant- Mediated Silver Oxide Nanoparticles	Meron Moges- Tsegaye, Manish Kumar, S. P. Pandey, Molla Fentie- Tasew, Priya- Yadav, and Garima Chouhan	Macromolecula r symposia	https://onlinelibrary.wi ley.com/doi/abs/10.10 02/masy.202200084
98	2022-2023	Sharda School of Engineering & Technology	Green Synthesis of Copper-oxide Nanoparticles and Evaluation of Its Therapeutic Efficacy	Meron Moges Tsegaye, Garima Chouhan, Manish Kumar, S.P. Pandey, Molla Fentie, and Priya Yadav	Macromolecula r symposia	https://onlinelibrary.wi ley.com/action/doSear ch?AllField=Green+Sy nthesis+of+Copper- oxide+Nanoparticles+a nd+Evaluation+of+Its +Therapeutic+Efficacy &SeriesKey=1521390
99	2022-	Sharda School of	A sojourn into	Rubiya	South African	https://www.sciencedir

	2023	Engineering & Technology	therapeutic and nutraceutical potential of curcumin and its novel drug delivery system: Current achievements and future perspectives	Khursheed , Sachin Kumar Singh , Sheetu Wadhwa , Monica Gulati , Niraj Kumar Jha, Gaurav Gupta , Hari Prasad Devkota , Parteek Prasher, Dinesh Kumar Chellappan, Kamal Dua	Journal of Botany	ect.com/science/article /abs/pii/S02546299220 0182X?via%3Dihub
100	2022-2023	Sharda School of Medical Sciences & Research	Assembling a global database of child pneumonia studies to inform WHO pneumonia management algorithm: Methodology and applications	Helena Martin, Jennifer Falconer, Emmanuel Addo-Yobo, Satinder Aneja, Luis Martinez Arroyo, Rai Asghar, Shally Awasthi, Salem Banajeh, Abdul Bari, Sudha Basnet, Ashish Bavdekar, Nita Bhandari, Shinjini Bhatnagar, Zulfiqar Bhutta,	Journal of Global Health	https://jogh.org/2022/j ogh-12-04075
101	2022-2023	Sharda School of Medical Sciences & Research	Bednar tumour, an uncommon tumour of the skin: a report of two cases	Abdullah Brooks, M Tushar Kalonia , Aditi Dhanta , Ashok Singh , Arvind Kumar , Akanksha Malik, Neha Kumari	Pan African Medical Journal	https://pubmed.ncbi.nl m.nih.gov/36338563/

102	2022- 2023	Sharda School of Medical Sciences & Research	In search for a panacea for coronavirus disease-19: Analysis of ongoing clinical trials for the management of coronavirus disease-19 pandemic in India	Nidhi Maheshwari, Vandana Roy	Indian Journal of Pharmacology	https://www.ijp- online.com/temp/India nJPharmacol544258- 2834076_075220.pdf
103	2022- 2023	Sharda School of Allied Health Sciences	Messenger RNA expression of toll-like receptors (TLR2, TLR4, and TLR9) in HIV-1 infected patients with and without tuberculosis co- infection	Gaurav Kaushik, Richa Vashishtha	International Journal of Mycobacteriolo gy	https://journals.lww.co m/ijmy/Fulltext/2022/1 1030/Messenger_RNA _expression_of_toll_li ke_receptors.10.aspx
104	2022- 2023	Sharda School of Allied Health Sciences	Effect of long- term exposure of digital devices during the COVID-19 pandemic and on ocular health	Komal Sharma, Dipti Bharti, Danish Bushra, Shivani Gupta, Madishetti Naveen Kumar, Ghanshyam Das, Mohd Sadath Ali Khan	Indian Journal of Clinical and Experimental Ophthalmology	https://www.ijceo.org/ article-details/17533
105	2022- 2023	Sharda School of Engineering & Technology	Clinical Impact of Exosomes in Colorectal Cancer Metastasis	Srestha Ghosh, Rajib Dhar, Gauresh Gurudas Shivji, Dwaipayan Dey, Arikketh Devi, Saurabh Kumar Jha, Manab Deb Adhikari, and Sukhamoy Gorai	ACS Applied Bio Materials	https://pubs.acs.org/doi /pdf/10.1021/acsabm.3 c00199
106	2022- 2023	Sharda School of Engineering &	Salivary exosomes: A	Anand Krishnan,	International Journal of	https://pubmed.ncbi.nl m.nih.gov/36368419/

		Technology	theranostics secret of oral cancer - Correspondence	Bikramjit Bhattacharya , Debashmita Mandal, Rajib Dhar, Sathish Muthu	Surgery	
107	2022- 2023	Sharda School of Business Studies	COVID-19 Challenges to Teaching Global Mindset: A Developing Countries' Perspective	Pallvi Arora, Shivam Mahajan & Takrar Ahmad Yattoo	Journal of Teaching in International Business	https://www.tandfonlin e.com/doi/full/10.1080 /08975930.2022.21010 42
108	2022-2023	Sharda School of Engineering & Technology	Mesenchymal Stromal Cell- Derived Extracellular Vesicles in Wound Healing	Arulkumar Nallakumara samy, Madhan Jeyaraman, Nicola Maffulli, Naveen Jeyaraman, Veerasivabal an Suresh, Srinath Ravichandra n, Manu Gupta, Anish G. Potty, Saadiq F. El- Amin, Manish Khanna and Ashim Gupta	Life Open Access	https://www.mdpi.com /2075- 1729/12/11/1733
109	2022-2023	Sharda School of Engineering & Technology	Droperidol as a potential inhibitor of acylhomoserine lactone synthase from A. baumannii: insights from virtual screening, MD simulations and MM/PBSA calculations	Rajat Kumar Jha, Ekampreet Singh, Rameez Jabeer Khan, Ankit Kumar, Monika Jain, Jayaraman Muthukumar an & Amit Kumar Singh	Molecular Diversity	https://link.springer.co m/article/10.1007/s110 30-022-10533-2
110	2022- 2023	Sharda School of Engineering & Technology	Biomedical and Antioxidant Potentialities in Chilli: Perspectives and	Solanki Bal, Amit Baran Sharangi, Tarun Kumar Upadhyay,	Molecules	https://www.mdpi.com /1420- 3049/27/19/6380

111	2022- 2023	Sharda School of Engineering & Technology	In vitro culturing of Taxus baccata sub spp. wallichiana via fortified yew cuttings in tropical climate	Fahad Khan, Pratibha Pandey, Samra Siddiqui, Mohd Saeed, Hae-Jeung Lee, and Dharmendra K. Yadav Pragati Sahai & Vimlendu Bhushan Sinha	Plant Physiology Reports	https://link.springer.co m/article/10.1007/s405 02-022-00673-w
112	2022-2023	Sharda School of Medical Sciences & Research	Thrombosis and thromboembolis m: Brighton collaboration case definition and guidelines for data collection, analysis, and presentation of immunization safety data	Jahnavi Gollamudi , Sarah E Sartain , Amir Hassan Navaei , Satinder Aneja , Pawandeep Kaur Dhawan , Dat Tran , Jyoti Joshi , Jane Gidudu , Jayakrishna Gollamudi , Elena Chiappini , Frederick Varricchio , Barbara Law , Flor M Munoz	Vaccine	https://www.sciencedir ect.com/science/article /pii/S0264410X22010 854
113	2022- 2023	Sharda School of Engineering & Technology	Elucidation of the Anticancer Potential of Selected Citrus Flavonoids Against NEDD4-1 in Breast Cancer	Pratibha Pandey, Fahad Khan, Pooja Chand & Ramish Maqsood	Revista Brasileira de Farmacognosia	https://link.springer.co m/article/10.1007/s434 50-022-00310-5
114	2022- 2023	Sharda School of Medical Sciences & Research	Letter: chronic HDV infection— Is ignorance bliss?	Avinash Tiwari, Duncan Khanikar, Sandeep Kumar Prajapati, Santosh	Alimentary Pharmacology and Therapeutics	https://pubmed.ncbi.nl m.nih.gov/36641797/

				Govind Rathod, Riddhima Tripathi		
115	2022- 2023	Sharda School of Basic Sciences & Research	Anti-cancer Application of Nat-ZnFe2O4 Nanoparticles on 2D Tumor Models	Siva Chander Chabattula, Bamadeb Patra, Piyush Kumar Gupta, Kavitha Govarthanan , Suresh Kumar Rayala, Debashis Chakraborty & Rama Shanker Verma	Applied Biochemistry and Biotechnology	https://link.springer.co m/article/10.1007/s120 10-023-04582- y?utm_source=xmol& utm_medium=affiliate &utm_content=meta& utm_campaign=DDCN _1_GL01_metadata
116	2022- 2023	Sharda School of Medical Sciences & Research	A Study of Thyroid Profile and Lipid Profile in Patients with Chronic Kidney Disease with or without Hemodialysis in a Tertiary Care Hospital. J Assoc Physicians India	Nikhil Gupta, Sulakshna Dahiya, Pankaj Bansal, Satish Kumar, Ashok K Agarwal	The Journal of the Association of Physicians of India	https://www.japi.org/x 2f4a4c4/a-study-of- thyroid-profile-and- lipid-profile-in- patients-with-chronic- kidney-disease-with- or-without- hemodialysis-in-a- tertiary-care-hospital
117	2022- 2023	Sharda School of Medical Sciences & Research	Influence of Waist Circumference (WC) on Thyroid Stimulating Hormone (TSH) and Tumor Necrosis Factor- Alpha (TNF-α) in young healthy females from western Uttar Pradesh, India.	Saurabh Singh, Rajesh Kumar Thakur, Manoj Kumar Nandkeoliar, Subhra Sucharita Sahoo, Bhaskar Charana Kabi and Thuraya Abdulsalam Abdo Ahmed Al- Azazi	Community Practitioner	https://commprac.com/july-2023/
118	2022- 2023	Sharda School of Engineering & Technology	Allosteric inhibition of dengue virus RNA-dependent RNA polymerase	Hrithika Panday, Saurabh Kumar Jha, Mohammed	Journal of Biomolecular Structure and Dynamics	https://www.tandfonlin e.com/doi/full/10.1080 /07391102.2023.22267 59

			by Litsea cubeba phytochemicals: a computational study	Al-Shehri, Siva Prasad Panda, Rashmi Rana, Nada F. Alwathinani, Esam I. Azhar, Vivek Dhar Dwivedi & Abhimanyu Kumar Jha		
119	2022- 2023	Sharda School of Engineering & Technology	Exosomal miRNAs and breast cancer: a complex theranostics interlink with clinical significance	Sayantanee Mukherjee , Rajib Dhar , Swathi Jonnalagadd a , Sukhamoy Gorai , Sagnik Nag , Rishav Kar , Nobendu Mukerjee , Dattatreya Mukherjee , Rishabh Vatsa , Devi Arikketh , Anand Krishnan, Rohit Gundamaraj u , Saurabh Kumar Jha , Athanasios Alexiou	Biomarkers	https://www.tandfonlin e.com/doi/abs/10.1080 /1354750X.2023.2229 537
120	2022- 2023	Sharda School of Pharmacy	Current Trends in Immuno- Oncology	Tulsi Dipakbhai Patel	Cardiovascular and Hematological Agents in Medicinal Chemistry	https://www.eurekaselect.com/article/125980
121	2022-2023	Sharda School of Allied Health Sciences	CAR T-cell therapy: Reprogramming patient's immune cell to treat cancer	Anil Kumar Mavi, Sonal Gaur, Gauri Gaur, Babita, Pragya Jindal, Neelesh Kumar, Umesh Kumar	Cellular Signalling	https://www.sciencedir ect.com/science/article /pii/S08986568230005 29?via%3Dihub

122	2022- 2023	Sharda School of Engineering & Technology	Evaluating Khaya senegalensis for Dipeptidyl Peptidase-IV Inhibition Using in Vitro Analysis and Molecular Dynamic Simulation of Identified Bioactive Compounds	Rahma Muhammad Adamu	Chemistry and Biodiversity	https://onlinelibrary.wi ley.com/doi/10.1002/c bdv.202200909
123	2022- 2023	Sharda School of Allied Health Sciences	Effects of Exercises and Physiotherapeuti c Modalities on Diabetes Mellitus and Its Complications - A Narrative Review	Samriddhi Seth, Karma Sonam Yangdon, Shilpa Gupta	Critical Reviews in Physical and Rehabilitation Medicine	https://www.dl.begellh ouse.com/journals/757 fcb0219d89390,7701a 5890e51d264,1b62f11 b1b20c65a.html
124	2022- 2023	Sharda School of Engineering & Technology	Aberrant Lipid Metabolism in Cancer: Current Status and Emerging Therapeutic Perspectives	Rasha Irshad, Sazi Tabassum and Mohammad Husain	Current Topics in Medicinal Chemistry	https://www.eurekasel ect.com/article/131962
125	2022- 2023	Sharda School of Medical Sciences & Research	Comparison of aspartate aminotransferase platelet ratio index score and insulin resistance in type 2 diabetes mellitus with non-alcoholic fatty liver disease	Nikhil Gupta, Waseem Ramzaan Dar, Asma Wani, Rachit Raj Saxena, Sahil Khatri, Bhumesh Tyagi, Pankaj Bansal and	Endocrine Regulations	https://sciendo.com/art icle/10.2478/enr-2023- 0013?tab=pdf-preview
				Irfan Ahmad Mir	/ /	
126	2022- 2023	Sharda School of Medical Sciences & Research	Finding the most cost-effective option from commonly used Dipeptidyl peptidase-4 inhibitors in India: a systematic study	Harmanjit Singh, Ekta Arora, Seerat Narula, Mandeep Singla, Armaan Otaal & Jatin Sharma	Expert Review of Endocrinology and Metabolism	https://www.tandfonlin e.com/doi/full/10.1080 /17446651.2023.22162 79?scroll=top&needAc cess=true&role=tab
127	2022- 2023	Sharda School of Basic Sciences &	Editorial: Emerging concepts in	Saurabh Pandey, Nasreen	Frontiers in Cellular and Infection	https://www.frontiersin .org/articles/10.3389/fc

		Research	Mycobacterium tuberculosis	Zafar Ehtesham,	Microbiology	imb.2023.1148756/full
			pathogenesis:	Seyed		
			Host-pathogen interaction and	Ehtesham Hasnain		
			stress adaption	110011111		
			mechanisms		1	
128	2022-	Sharda School of	Gaming behavior	Nour	Frontiers in	https://www.frontiersin
	2023	Medical Sciences & Research	disorder and its association with	Shaheen, Ahmed	Psychiatry	.org/articles/10.3389/f psyt.2023.1071764/full
			social phobia	Shaheen,		
			during COVID- 19 pandemic: A	Mohamed Elmasry ,		
			cross-sectional	Omar		
			study among the	Ahmed		
			young Arabs	Abdelwahab, Abdelrahma		
			4	n Mohamed,		
				Sarya Swed, Ala' Abdala		
				Rababah,		
				Mostafa Meshref,		
			Z \	Ahmed Zaki		
			1	and Sheikh		
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129	2022- 2023	Sharda School of Medical Sciences	Stigma as a barrier to suicide	Maryam Masoomi,	Frontiers in Public Health	https://www.frontiersin .org/articles/10.3389/f
	2023	& Research	prevention	Seyedehmah	r ublic Health	pubh.2022.1026451/fu
			efforts in Iran	boobeh Hosseinikolb		11
				adi, Fahimeh		
			\	Saeed,		
				Vandad Sharifi, Amir		
				Hossein		
			(\ \	Jalali Nadoushan		
				and Sheikh		
				Shoib		_
130	2022-	Sharda School of	Deep Feature	Ayman	International	https://thesai.org/Publi
	2023	Engineering & Technology	Detection Approach for	Noor, Priyadarshini	Journal of Advanced	cations/ViewPaper?Vo lume=14&Issue=5&C
		Telmology	COVID-19	Pattanaik ,	Computer	ode=IJACSA&SerialN
			Classification	Mohammed Zubeir Khan	Science and	o=14
			based on X-ray Images	Zubair Khan, Waseem	Applications	
				Alromema,		
				Talal H. Noor		
131	2022-	Sharda School of	Advancements in	Feng Ye,	Molecular	https://molecular-
	2023	Engineering &	clinical aspects of targeted	Saikat	Cancer	cancer.biomedcentral.c om/articles/10.1186/s1
		Technology	of targeted therapy and	Dewanjee, Yuehua Li,		2943-023-01805-y
			immunotherapy	Niraj Kumar		
				Jha, Zhe-		

			in breast cancer	Sheng Chen, Ankush Kumar,		
				Vishakha, Tapan Behl, Saurabh Kumar Jha & Hailin Tang	/	
132	2022- 2023	Sharda School of Basic Sciences & Research	Chronic Inflammation's Transformation to Cancer: A Nanotherapeutic Paradigm	Sayed Sartaj Sohrab, Riya Raj, Amka Nagar, Susan Hawthorne, Ana Cláudia Paiva- Santos, Mohammad Amjad Kamal, Mai M. El-Daly, Esam I. Azhar and Ankur Sharma	Molecules	https://www.mdpi.com /1420- 3049/28/11/4413
133	2022- 2023	Sharda School of Engineering & Technology	Demethylation of CADM1 and SOCS1 using capsaicin in cervical cancer cell line	Mahek Sharan, Meenakshi Jha, Rishima Chandel, Saima Syeda, Runjhun Mathur, Niraj Kumar Jha, Saurabh Kumar Jha, Harsh Goel, Anju Shrivastava, Sushma Chauhan, Sudheer Pamidimarri & Abhimanyu Kumar Jha	Naunyn- Schmiedeberg's Archives of Pharmacology	https://link.springer.com/article/10.1007/s002 10-022-02340-1
134	2022- 2023	Sharda School of Pharmacy	Pharmacological Study of Sodium Butyrate for Active Potential for Renal Disorders	Sunil Kumar, Mathew George and Lincy Joseph	Pharma Times	https://www.scopus.co m/record/display.uri?ei d=2-s2.0- 85160526415&origin= inward&txGid=8a19dd 6354434359fea0534cf e32e28e
135	2022-	Sharda School of Medical Sciences	Erratum to "Imaging	Shabnam Bhandari	Radiology Case	https://www.sciencedir ect.com/science/article

	2023	& Research	diagnosis of a giant choledochal cyst in an infant" [Radiology Case Reports 17 (2022) 404-411]	Grover, Sonali Malhotra, Saurabh Pandey, Hemal Grover, Ravi Kale, Anshu Gupta Devra	Reports	/pii/S19300433220097 36?via%3Dihub
136	2022-2023	Sharda School of Engineering & Technology	Polypharmacolo gical repurposing approach identifies approved drugs as potential inhibitors of Mycobacterium tuberculosis	Jasdeep Singh, Neha Quadir, Shubham Vashishtha, Ankan Chakraborty, Anwar Alam, Bishwajit Kundu, Uzair Ahmad, Durai Sundar, Nasreen Z. Ehtesham, Seyed E. Hasnain	Biochemical Journal	https://portlandpress.co m/biochemj/article- abstract/480/14/1079/2 33132/Polypharmacolo gical-repurposing- approach?redirectedFr om=fulltext
137	2022- 2023	Sharda School of Medical Sciences & Research	Role of N-acetylcysteine in liver injury due to dengue fever	Monica Gupta , Samiksha Gupta, Dhriti Sood, Akanksha Gupta, and Gautam Jesrani	Tropical Doctor	https://journals.sagepu b.com/doi/10.1177/004 94755231176317
138	2022-2023	Sharda School of Basic Sciences & Research	Mycobacterium tuberculosis protein MoxR1 enhances virulence by inhibiting cell death pathways and disrupting cellular bioenergetics	Neha Quadir, Mohd. Shariq, Javaid Ahmad Sheikh, Jasdeep Singh, Neha Sharma, Seyed Ehtesham Hasnain	Virulence	https://www.tandfonlin e.com/doi/full/10.1080 /21505594.2023.21802 30
139	2022- 2023	University	The Changing Role of Learning Resource Centre in Providing ICT Based Services during the	Satish Kumar Shrivastava, Rahat Alam, Shri Prakash Pandey,	Macromolecula r Symposia	https://onlinelibrary.wi ley.com/doi/10.1002/m asy.202200032

			Covid-19 Pandemic	Praveen Babel		
140	2022-2023	Sharda School of Engineering & Technology	Fucoxanthin: A Promising Phytochemical on Diverse Pharmacological Targets	Mumtaza Mumu, Ayan Das, Talha Bin Emran, Saikat Mitra, Fahadul Islam, Arpita Roy, Md. Mobarak Karim, Rajib Das, Moon Nyeo Park, Deepak Chandran, Rohit Sharma, Mayeen Uddin Khandaker, Abubakr M. Idris and Bonglee Kim	Frontiers in Pharmacology	frontiersin.org/articles/10.3389/fphar.2022.929442/full
141	2022- 2023	Sharda School of Engineering & Technology	A Promising Review on Cyclodextrin Conjugated Paclitaxel Nanoparticles for Cancer Treatment	Kamini Velhal, Sagar Barage, Arpita Roy, Jaya Lakkakula, Ramesh Yamgar, Mohammed S Alqahtani, Krishna Kumar Yaday,	Polymers	https://www.mdpi.com /2073- 4360/14/15/3162
	1			Yongtae Ahn, Byong- Hun Jeon		
142	2022- 2023	Sharda School of Engineering & Technology	Herd Immunity against Coronavirus: A Review	Shreeja Datta, Arpita Roy	Recent Patents on Biotechnology	https://europepmc.org/ article/med/35400332
143	2022- 2023	Sharda School of Allied Health Sciences	Laboratory Cost Analysis of Conventional and Newer Molecular Tests for Diagnosis of Presumptive Multidrug-Resist ant Tuberculosis	Raj Narayan Yadav, Ajoy Kumar Verma, Gaurav Kaushik	Journal of Global Infectious Diseases	https://pubmed.ncbi.nl m.nih.gov/36237568/

			Patients			
144	2022- 2023	Sharda School of Basic Sciences & Research	Food Packaging Materials with Special Reference to Biopolymers-Pro perties and Applications	Anupam Agarwal, Bushra Shaida, Mayuri Rastogi, Nakshatra Bahadur Singh	Chemistry Africa	https://doi.org/10.1007 /s42250-022-00446-w
145	2022-2023	Sharda School of Basic Sciences & Research	Polyester nanomedicines targeting inflammatory signaling pathways for cancer therapy	Sabya Sachi Das, Sandeep Kumar Singh, P.R.P. Verma, Rekha Gahtori, Belay Zeleke Sibuh, Kavindra Kumar Kesari, Niraj Kumar Jha, Sugapriya Dhanasekara n, Vijay Kumar Thakur, Wong Ling Shing, Sinouvassan e Djearamane, Piyush Kumar Gupta	Biomedicine and Pharmacothera py	https://www.sciencedir ect.com/science/article /pii/S07533322220104 35?via%3Dihub
146	2022-2023	Sharda School of Engineering & Technology	Sphingolipids, mycobacteria and host: Unraveling the tug of war	Shakeel Ahmed Mohammed, Reena Vohra Saini, Abhimanyu Kumar Jha, Vijay Hadda , Amit Kumar Singh and Hridayesh Prakash	Frontiers in Immunology	https://www.frontiersin .org/articles/10.3389/fi mmu.2022.1003384/fu ll
147	2022- 2023	Sharda School of Engineering & Technology	Epigenetic factors in breast cancer therapy	Runjhun Mathur , Niraj Kumar Jha, Gaurav Saini,	Frontiers in Genetics	https://www.frontiersin .org/articles/10.3389/f gene.2022.886487/full

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148	2022- 2023	Sharda School of Engineering & Technology	Implications of Microorganisms in Alzheimer's Disease	Pardeep Yadav, Yeon-Hee Lee, Hrithika Panday, Shubham Kant, Neha Bajwa, Ritika Parashar, Saurabh Kumar Jha, Niraj Kumar Jha, Parma Nand and Sang-Soo Lee and Abhimanyu Kumar Jha	Current Issues in Molecular Biology	https://www.mdpi.com /1467-3045/44/10/314
149	2022-2023	Sharda School of Engineering & Technology	Characteristics of the SARS- CoV-2 Omicron (B. 1.1. 529) Variant and Emerging Impact on Global Public Health	Md Rabiul Islam, Waheeda Nasreen, Ramisa Anjum, Mohammad Shahriar, Arpita Roy, Kuldeep Dhama, Mohiuddin Ahmed Bhuiyan	Clinical Pathology	https://journals.sagepu b.com/doi/full/10.1177 /2632010X221124908
150	2022- 2023	Sharda School of Engineering & & Technology	Polyphenolic Composition, Antioxidant, Antiproliferative and Antidiabetic Activities of Coronopus	Saima Muzammil, Yunsheng Wang, Muhammad Hussnain Siddique,	Molecules	https://www.mdpi.com /1420- 3049/27/19/6263

			didymus Leaf Extracts	Errum Zubair, Sumreen Hayat, Muhammad Zubair, Arpita Roy, Rabia Mumtaz, Muhammad Azeem, Talha Bin Emran, Muhammad Qasim Shahid		
151	2022-2023	Sharda School of Engineering & Technology	An Evaluation of Antimicrobial, Anticancer, Anti-Inflammatory and Antioxidant Activities of Silver Nanoparticles Synthesized from Leaf Extract of Madhuca longifolia Utilizing Quantitative and Qualitative Methods	Pooja Salve, Aruna Vinchurkar, Rajesh Raut, Ramesh Chondekar, Jaya Lakkakula, Arpita Roy, Md Jamal Hossain, Saad Alghamdi, Mazen Almehmadi, Osama Abdulaziz, Mamdouh Allahyani, Anas S Dablool, Md Moklesur Rahman Sarker, Mohd Fahami Nur Azlina	Molecules	https://www.mdpi.com /1420- 3049/27/19/6404
152	2022- 2023	Sharda School of Engineering & Technology	Green synthesis of metalloid nanoparticles and its biological applications: A review	Arpita Roy, Shreeja Datta, Ritika Luthra, Muhammad Arshad Khan, Amel Gacem, Mohd Abul Hasan, Krishna Kumar Yadav, Yongtae Ahn, Byong-	Frontiers in Chemistry	https://www.frontiersin.org/articles/10.3389/fchem.2022.994724/full

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153	2022-2023	Sharda School of Engineering & Technology	Cyclodextrin nanoparticles for diagnosis and potential cancer therapy: A systematic review	Anandakrish nan Karthic, Arpita Roy, Jaya Lakkakula, Saad Alghamdi, Afnan Shakoori, Ahmad O. Babalghith, Talha Bin Emran, Rohit Sharma, Clara Mariana Gonçalves Lima, Bonglee Kim, Moon Nyeo Park, Sher Zaman Safi, Ray Silva de Almeida, Henrique Douglas	Frontiers in Cell and Developmental Biology	https://www.frontiersin .org/articles/10.3389/fc ell.2022.984311/full
154	2022- 2023	Sharda School of Allied Health Sciences	Radio Imaging of Pneumonia: A Comprehensive Review	Karuna Raya Chhetri, Amit Pratap Singh Chouhan, Vandana Singh, Bushra Shaida	Journal of Communicable Diseases	https://medical.advanc edresearchpublications .com/index.php/Journa l- CommunicableDisease s/article/view/1179
155	2022-2023	Sharda School of Engineering & Technology	NNPCov19: Artificial Neural Network-Based Propaganda Identification on Social Media in COVID-19 Era	Akib Mohi Ud Din Khanday, Bharat Bhushan, Rutvij H Jhaveri, Qamar Rayees Khan, Roshani Raut, Syed Tanzeel Rabani	Mobile Information Systems	https://www.hindawi.c om/journals/misy/2022 /3412992/
156	2022- 2023	Sharda School of Engineering & Technology	Complex predictive analysis for health care: a	Dolley Srivastava, Himanshu Pandey,	Bulletin of Electrical Engineering	https://beei.org/index.p hp/EEI/article/view/43 73/3101

			comprehensive review	Ambuj Kumar Agarwal	and Informatics	
157	2022- 2023	Sharda School of Basic Sciences & Research	A computational study of potential therapeutics for COVID-19 invoking conceptual density functional theory	Saloni, Dimple Kumari, Prabhat Ranjan, Tanmoy Chakraborty	Structural Chemistry	https://pubmed.ncbi.nl m.nih.gov/36097582/
158	2022- 2023	Sharda School of Basic Sciences & Research	Transcriptomic Profiling Unravels Novel Deregulated Gene Signatures Associated with Acute Myocardial Infarction: A Bioinformatics Approach	Sanjay Kumar, Chun-Ming Shih, Lung- Wen Tsai, Rajni Dubey, Deepika Gupta, Tanmoy Chakraborty, Naveen Sharma, Abhishek Vikram Singh, Vishnu Swarup, Himanshu Narayan Singh	Genes	https://www.mdpi.com /2073- 4425/13/12/2321
159	2022-2023	Sharda School of Engineering & Technology	Repositioning potentials of smallpox vaccines and antiviral agents in monkeypox outbreak: A rapid review on comparative benefits and risks	Md. Rabiul Islam, Md. Jamal Hossain, Arpita Roy, A. H. M. Nazmul Hasan, Md. Ashrafur Rahman, Mohammad Shahriar, Mohiuddin Ahmed Bhuiyan	Health Science Reports	https://onlinelibrary.wi ley.com/doi/full/10.10 02/hsr2.798
160	2022- 2023	Sharda School of Engineering & Technology	A decade's worth of impact: Dox loaded liposomes in anticancer activity	Puja Ghosh, Himja Tiwari, Jaya Lakkakula, Arpita Roy, Talha Bin Emran, Summya Rashid, Saad Alghamdi,	Materials Today Advances	https://www.sciencedir ect.com/science/article /pii/S25900498220010 96#:~:text=It%20has% 20been%20reported% 20that,to%20establish %20a%20targeted%20 delivery.

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161	2022-2023	Sharda School of Engineering & Technology	Role of bioactive compounds in the treatment of hepatitis: A Review	Arpita Roy, Madhura Roy, Amel Gacem, Shreeja Datta, Md. Zeyaullah, Khursheed Muzammil, Thoraya A. Farghaly, Magda H. Abdellattif, Krishna Kumar Yadav and Jesus Simal- Gandara	Frontiers in pharmacology	https://www.frontiersin .org/articles/10.3389/f phar.2022.1051751/ful l
162	2022- 2023	Sharda School of Basic Sciences & Research	Molecular docking simulation, drug pharmacokinetic s and synthesis of carbon nanodots from phytochemicals against isoenzymes of cancer	Paratpar Sarkar, Vivek Srivastava and Kirti Ailani	Materials Today Proceedings	https://www.sciencedir ect.com/science/article /pii/S22147853220707 91
163	2022-2023	Sharda School of Allied Health Sciences	Prevalence of Sarcopenic Obesity in Various Comorbidities, Diagnostic Markers, and Therapeutic Approaches: A Review	Mangalam Kumari, Archana Khanna	Annals of Geriatric Medicine Research	https://www.e-agmr.org/journal/view.php?number=1040
164	2022- 2023	Sharda School of Basic Sciences &	COVID-19 Challenge: A Quest for	Ruchika Yogesh, Noopur	Current Pharmaceutical	https://www.eurekasel ect.com/article/124962

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			Vaccine Strategies	Syed Nasir Abbas		
			Against Circulating and	Bukhari		
			Emerging			
			SARS-CoV-2 Variants		/	
165	2022-2023	Sharda School of Basic Sciences &	Molecular insights and	Sabya Sachi Das, Srushti	Nanomedicine	https://www.futuremedicine.com/doi/10.2217/
	2023	Research	therapeutic	Tambe,		nnm-2022-0117
			implications of nanoengineered	Priya Ranjan Prasad		
			dietary	Verma,		
			polyphenols for targeting lung	Purnima Amin, Neeru		
			cancer: part II	Singh,		
			4	Sandeep Kumar		
				Singh &		
			/ \	Piyush Kumar		
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166	2022-	Sharda School of	Molecular	Sabya Sachi	Nanomedicine	https://pubmed.ncbi.nl
	2023	Basic Sciences &	insights and	Das, Srushti		m.nih.gov/36636930/
		Research	therapeutic implications of	Tambe, Priya Ranjan		
	Y		nanoengineered dietary	Prasad Verma,		
			polyphenols for	Purnima		
			targeting lung carcinoma: part I	Amin, Neeru Singh,		
			caremonia. part i	Sandeep		
				Kumar Singh &		
				Piyush		
		1	\	Kumar Gupta		
	2027		D. 1. 1			
167	2022- 2023	Sharda School of Business Studies	Ethical and Sustainable	Rudrani Chatterjee,	International Journal of	http://publishingindia.c om/downloads/7050.p
			Perceptions on	Animesh	Hospitality and	df df
			Cloud Kitchen Business- A	Singh, Vikas Singh	Tourism Systems	
			Study of	6	3	
			Consumers and Stakeholders			
			during the			
			Covid-19 Pandemic.		and the second second	
168	2022-	Sharda School of	Bio-Fabrication	Arpita Roy,	Catalysts	https://www.mdpi.com
100	2022-	Engineering &	of Trimetallic	Srijal	Catalysis	/2073-4344/13/2/321
		Technology	Nanoparticles and Their	Kunwar, Utsav		
			Applications	Bhusal, Saad		
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				Almehmadi, Hayaa M. Alhuthali, Mamdouh Allahyani, Md. Jamal Hossain , Md. Abir Hasan, Md. Moklesur Rahman Sarker and Mohd Fahami Nur Azlina		
169	2022- 2023	Sharda School of Engineering & Technology	Decreasing trend of monkeypox cases in Europe and America shows hope for the world: Evidence from the latest epidemiological data	Md Robin Khan , Md Jamal Hossain , Arpita Roy , Md Rabiul Islam	Health Science Reports	https://onlinelibrary.wi ley.com/doi/10.1002/h sr2.1030
170	2022- 2023	Sharda School of Basic Sciences & Research	Combustion and Stubble Burning: A Major Concern for the Environment and Human Health	Ishita Chanana, Aparajita Sharma, Pradeep Kumar, Lokender Kumar, Sourabh Kulshreshtha , Sanjay Kumar and Sanjay Kumar Singh Patel	Fire	https://www.mdpi.com /2571-6255/6/2/79
171	2022-2023	Sharda School of Basic Sciences & Research	An Extensive Examination of the Warning Signs, Symptoms, Diagnosis, Available Therapies, and Prognosis for Lumpy Skin Disease	Bharti Datten, Anis Ahmad Chaudhary, Shalini Sharma, Lokender Singh , Krishna Dutta Rawat, Mohammad Saquib Ashraf, Lina M. Alneghery, Malak O. Aladwani,	Viruses	https://www.mdpi.com /1999-4915/15/3/604

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172	2022- 2023	Sharda School of Basic Sciences & Research	Advances and opportunities in nanoimaging agents for the diagnosis of inflammatory lung diseases	Hema Brindha Musandam, Govindaraj Perumal, Saravanan Krishnan, Sachin Kumar Singh, Niraj Kumar Jha, Dinesh Kumar Chellappan, Kamal Dua, Piyush Kumar Gupta, Ashwin Kumar Narasimhan	Nanomedicine	https://www.futuremedicine.com/doi/10.2217/nnm-2021-0427
173	2022-2023	Sharda School of Basic Sciences & Research	Neutralizing possibilities of whole virion and mRNA vaccine triggered antibodies of Wuhan strain of SARS-CoV-2 with receptor binding domains of spike proteins of Delta and Omicron strains	Shilpa Barthwal, Bennet Angel, Annette Angel, Vinod Joshi, BM Shareef, Nuzhat M Peer, Poorna Khaneja, Ambreen S Khan, Bhawna Sharma, Neha Singh, Ramesh Joshi, Komal Tomar, Kiran Yadav, Satendra P Singh	Asian Pacific Journal of Tropical Medicine	https://journals.lww.com/aptm/fulltext/2023/16020/neutralizing_possibilities_of_whole_virion_and.8.aspx
174	2022- 2023	Sharda School of Basic Sciences & Research	Airborne Particulate Matter and Associated	Teshilring Maring, Suman , Ajay Kumar	Macromolecula r Symposia	https://onlinelibrary.wi ley.com/doi/10.1002/m asy.202100487

			Heavy Metals: A Review	Jha, Naresh Kumar, and Shri Prakash Pandey		
175	2022- 2023	Sharda School of Basic Sciences & Research	Air Pollution Impact on Human Health and its Management: A Review	Oliver Khonyongw a, Suman, N aresh Kumar, Ajay Kumar Jha, Manish Kumar Jain, Shri Prakash Pandey	Macromolecula r Symposia	https://onlinelibrary.wi ley.com/doi/10.1002/m asy.202100488#:~:text =Later%20discoveries %20and%20research% 20have,%2C%20nervo us%2C%20and%20co gnition%20impairment
176	2022- 2023	Sharda School of Basic Sciences & Research	Traffic-Related Air Pollution and Associated Human Health Risk	Naresh Kumar, Sum an, Shri Prakash Pandey	Macromolecula r Symposia	https://onlinelibrary.wi ley.com/doi/10.1002/m asy.202100486
177	2022- 2023	Sharda School of Basic Sciences & Research	Molecular Docking and ADMET Study of Spice-Derived Potential Phytochemicals against Human DNA Topoisomerase III Alpha	Paratpar Sarkar, Mustafa A. Alheety and Vivek Srivastava	Macromolecula r Symposia	https://onlinelibrary.wi ley.com/doi/10.1002/m asy.202200108
178	2022- 2023	Sharda School of Engineering & Technology	Shedding light on structure, function and regulation of human sirtuins: a comprehensive review	Abhishek Sharma , Pragati Mahur, Jayaraman Muthukumar an, Amit	3 Biotech	https://pubmed.ncbi.nl m.nih.gov/36597461/
				Kumar Singh, Monika Jain		
179	2022-2023	Sharda School of Dental Sciences	Sub-gingival delivery of simvastatin and rosuvastatin for treatment of chronic periodontitis with diabetes mellitus: A randomized controlled clinical-radiographic pilot study	Pallavi Sharma, Ayushi Singh, Siddharth Mallapragad a	Journal of Oral Biology and Craniofacial Research	https://www.sciencedir ect.com/science/article /pii/S22124268230002 46

180	2022- 2023	Sharda School of Basic Sciences & Research	Activated TLR2/4-positive T cells boost cell exhaustion during lepromatous leprosy infection via PD-1 upregulation	Soumi Sadhu, Sanjay Kumar, Dipendra Kumar Mitra, Beenu Joshi	Heliyon	https://www.sciencedir ect.com/science/article /pii/S24058440220292 18
181	2022-2023	Sharda School of Basic Sciences & Research	Biogenic silver nanoparticles (AgNPs) from Tinosporacordifo lia leaves: An effective antibiofilm agent against Staphylococcus aureus ATCC 23235	Sreejita Ghosh, Somdutta Mondol, Dibyajit Lahiri, Moupriya Nag, Tanmay Sarkar, Siddhartha Pati, Soumya Pandit, Abdullah A. Alarfaj, Mohamad Faiz Mohd Amin, Hisham Atan Edinur, Muhammad Rajaei Ahmad Mohd Zain and Rina Rani Ray	frontiers in Chemistry	https://www.frontiersin .org/articles/10.3389/fc hem.2023.1118454/ful l
182	2022-2023	Sharda School of Basic Sciences & Research	Evolution of SARS-CoV-2: BA.4/BA.5 Variants Continues Pose New Challenges	Neha Quadir , Jasdeep Singh , Anwar Alam , Asrar Ahmad Malik , Syed Asad Rahman , Subhash Hira , Nasreen Zafar Ehtesham , Durai	Viruses	https://pubmed.ncbi.nl m.nih.gov/36560614/
				Sundar and Seyed Ehtesham Hasnain		
183	2022- 2023	Sharda School of Basic Sciences &	Analysis of Cancer Model	Alpna Mishra and	Macromolecula r Symposia	https://onlinelibrary.wi ley.com/doi/10.1002/m

		Research	Using Delayed Modeling	Khursheed Alam		asy.202100498
184	2022- 2023	Sharda School of Allied Health Sciences	High therapeutic efficacy of 5-Fluorouracilloaded exosomes against colon cancer cells	Rafia Shekh, Afza Ahmad, Rohit Kumar Tiwari, Mohd Saeed, Ratnakar Shukla, Wafa Safar Al-Thubiani, Irfan Ahmad Ansari, Mohd. Ashfaque, Preeti Bajpai	Chemical Biology & Drug Design	https://onlinelibrary.wi ley.com/doi/10.1111/c bdd.14205
185	2022- 2023	Sharda School of Basic Sciences & Research	Organochalcoge n (Se/Te) substituted Schiff bases: Syntheses and applications	Afsar Ali , Bhaskar Banerjee , Vivek Srivastava , Vinay Kumar Verma	Materials Today: Proceedings	https://www.sciencedir ect.com/science/article /pii/S22147853230042 36
186	2022- 2023	Sharda School of Medical Sciences & Research	Air pollution and its effects on lung health in never-smoker youth of Delhi NCR versus Pauri Garhwal: a comparative cross-sectional study	Ieshitva Jain, Amit Singh Pawaiya, Khushboo Juneja, Devendra Kumar Singh	Medical Journal Armed Forces India	https://www.sciencedir ect.com/science/article /pii/S03771237220024 04?dgcid=coauthor
187	2022- 2023	Sharda School of Basic Sciences & Research	DFT Investigation, Hirshfield Analysis and Molecular Docking of Cu(II) Complex of O-Vanillin Based Ligand	Dr. Anindita De, Anjali Kathait, Preeti Jain, Mridula Guin	Chemistryselect	https://chemistry- europe.onlinelibrary.w iley.com/doi/abs/10.10 02/slct.202202884
188	2022- 2023	Sharda School of Dental Sciences	Mapping of journal of oral and maxillofacial pathology from 2011 to 2022: A VOSviewer-based bibliometric visualisation	Aman Chowdhry, Priyanka Kapoor, Deepak Bhargava, Dinesh K Bagga	Journal of Oral and Maxillofacial Pathology	https://www.jomfp.in/a rticle.asp?issn=0973- 029X;year=2023;volu me=27;issue=1;spage= 204;epage=209;aulast= Chowdhry
189	2022-	Sharda School of	Efforts to	Ruchika	Macromolecula	https://onlinelibrary.wi

	2023	Basic Sciences & Research	Replace Methylene Chloride in Pharmaceutical Process Chemistry	Yogesh, Noopur Srivastava, Baban Mohan Mulik	r Symposia	ley.com/doi/10.1002/m asy.202100502
190	2022- 2023	Sharda School of Allied Health Sciences	Influence of Genetic Variability in Toll-like Receptors (TLR 2, TLR 4, and TLR 9) on Human Immunodeficien cy Virus-1 Disease Progression	Gaurav Kaushik, Richa Vashishtha	International Journal of Mycobacteriolo gy	https://journals.lww.co m/ijmy/Fulltext/2023/1 2010/Influence_of_Ge netic_Variability_in_T oll_like.2.aspx
191	2022- 2023	Sharda School of Allied Health Sciences	Effect of Exercise on Oxidative Stress and Telomere Length in Type 2 Diabetes	Shilpa Gupta, Gaurav Kaushik and Sampath Kumar Amaravadi	Critical Reviews in Physical and Rehabilitation Medicine	https://www.dl.begellh ouse.com/journals/757 fcb0219d89390,7701a 5890e51d264,164ed7e 6498b37e7.html
192	2022-2023	Sharda School of Engineering & Technology	α-Bisabolol Attenuates Doxorubicin Induced Renal Toxicity by Modulating NF- κB/MAPK Signaling and Caspase- Dependent Apoptosis in Rats	Seenipandi Arunachala m, M. F. Nagoor Meeran, Sheikh Azimullah, Niraj Kumar Jha, Dhanya Saraswathia mma, Sandeep	International Journal of Molecular Sciences	https://www.mdpi.com /1422- 0067/23/18/10528
			Rats	Sandeep Subramanya, Alia Albawardi and Shreesh Ojha		
193	2022-2023	Sharda School of Engineering & Technology	The Fractal Viewpoint of Tumors and Nanoparticles	Athanasios Alexiou*, Christos Tsagkaris, Stylianos Chatzichroni s, Andreas Koulouris, Ioannis Haranas, Ioannis Gkigkitzis, Georgios Zouganelis,	Current Medicinal Chemistry	https://www.eurekaselect.com/article/125260

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194	2022-2023	Sharda School of Engineering & Technology	Quantum dots: The cutting-edge nanotheranostics in brain cancer management	Pratik Chakraborty, Sabya Sachi Das , Abhijit Dey , Apala Chakraborty , Chiranjib Bhattacharyy a , Ramesh Kandimalla , Biswajit Mukherjee, Abilash Valsala Gopalakrish nan, Sandeep Kumar Singh, Shubham Kant, Parma Nand, Shreesh Ojha, Pravir Kumar, Nira	Journal of Controlled Release	https://www.sciencedir ect.com/science/article /abs/pii/S01683659220 05545?via%3Dihub
195	2022-2023	Sharda School of Engineering & Technology	Molecular Mechanism and Role of Japanese Encephalitis Virus Infection in Central Nervous System- Mediated Diseases	Pardeep Yadav , Pratik Chakraborty, Niraj Kumar Jha, Saikat Dewanjee , Abhimanyu Kumar Jha, Siva Prasad Panda , Prabhu Chandra Mishra , Abhijit Dey and Saurabh Kumar Jha	Viruses	https://pubmed.ncbi.nl m.nih.gov/36560690/
196	2022- 2023	Sharda School of Engineering & Technology	The Emerging Role of Epigenetics in Metabolism and	Belay Zeleke Sibuh , Sameer Quazi ,	Biology	https://www.mdpi.com /2079-7737/12/2/256

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197	2022-2023	Sharda School of Engineering & Technology	CAR T cells: engineered immune cells to treat brain cancers and beyond	Zoufang Huang , Saikat Dewanjee , Pratik Chakraborty , Niraj Kumar Jha , Abhijit Dey , Moumita Gangopadhy ay , Xuan- Yu Chen , Jian Wang , Saurabh Kumar Jha	Molecular Cancer	https://molecular- cancer.biomedcentral.c om/articles/10.1186/s1 2943-022-01712-8
198	2022-2023	Sharda School of Engineering & Technology	Evaluation of Antidiabetic, Antioxidant and Anti-Hyperlipidemic Effects of Solanum indicum Fruit Extract in Streptozotocin-Induced Diabetic Rats	Manoj M Gadewar , Prashanth G K , Prabhu Chandra Mishra , Ghulam Md Ashraf , Majed N Almashjary , Steve Harakeh , Vijay Upadhye , Abhijit Dey, Pallavi Singh , Niraj Kumar Jha , Saurabh Kumar Jha	Current Issues in Molecular Biology	https://pubmed.ncbi.nl m.nih.gov/36826003/
199	2022- 2023	Sharda School of Engineering & Technology	Mpro Inhibition: A comparative In silico Therapeutics from Native Indian Plant	Apoorva , Pardeep Yadav , Pallavi Singh , Saurabh	Letters in Applied NanoBioScienc e	https://nanobioletters.c om/wp- content/uploads/2022/ 09/LIANBS124.099.p df

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200	2022-2023	Sharda School of Engineering & Technology	Cannabidiol- Loaded Nanocarriers and Their Therapeutic Applications	Elham Assadpour, Atefe Rezaei, Sabya Sachi Das, Balaga Venkata Krishna Rao, Sandeep Kumar Singh, Mohammad Saeed Kharazmi, Niraj Kumar Jha, Saurabh Kumar Jha, Miguel A. Prieto and Seid Mahdi Jafari	Pharmaceutical s	https://www.mdpi.com /1424-8247/16/4/487
201	2022- 2023	Sharda School of Engineering & Technology	Altered glucose metabolism in Alzheimer's disease: Role of mitochondrial dysfunction and oxidative stress	Saikat Dewanjee, Pratik Chakraborty, Hiranmoy Bhattacharya , Leena Chacko, Birbal Singh, Anupama Chaudhary, Kalpana Javvaji, Saumya Panjan	Free Radical Biology and Medicine	https://www.sciencedir ect.com/science/article /abs/pii/S08915849220 06220?via%3Dihub
				Ranjan Pradhan, Jayalakshmi Vallamkond u, Abhijit Dey, Rajkumar Singh Kalra, Niraj Kumar Jha, Saurabh Kumar Jha, P. Hem		
202	2022- 2023	Sharda School of Engineering & Technology	System biology study on MtrAB protein-protein interaction network of Mycobacterium tuberculosis	Akash Tripathi Satsangi, Rupesh Kumar , Saurabh Kumar Jha, Arun Prasad	Journal of Applied Biology and Biotechnology	https://jabonline.in/ad min/php/uploads/976_ pdf.pdf

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				Shazia ,		
				Haider		
203	2022-2023	Sharda School of Engineering & Technology	Exploring state- of-the-art advances in targeted nanomedicines for managing acute and chronic inflammatory lung diseases	Sujata Maurya , Rashi Srivastava, Saniya Arfin, Susan Hawthorne, Niraj Kumar Jha , Kirti Agrawal, Sibi Raj, Brijesh Rathi , Arun Kumar , Riya Raj , Sharad Agrawal, Ana Cláudia Paiva- Santos, Asrar Ahmad Malik, Kamal Dua, Rakesh Rana, Shreesh Ojha, Sau	Nanomedicine	https://www.futuremedicine.com/doi/epub/10.2217/nnm-2021-0437
204	2022-2023	Sharda School of Engineering & Technology	Targeting mucus barrier in respiratory diseases by chemically modified advanced delivery systems	Parteek Prasher , Mousmee Sharma , Sachin Kumar Singh , Monica Gulati, Niraj Kumar Jha , Piyush Kumar Gupta, Gaurav Gupta, Dinesh Kumar Chellappan, Flavia Zacconi, Terezinha de Jesus Andreoli Pinto, Yinghan Chan, Gang	Chemico-Biological Interactions	https://pubmed.ncbi.nl m.nih.gov/35932910/

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205	2022-2023	Sharda School of Engineering & Technology	Phytoremediation and sequestration of soil metals using the CRISPR/Cas9 technology to modify plants: a review	Nirjhar Bhattacharyy a, Uttpal Anand, Ravi Kumar, Mimosa Ghorai, Tariq Aftab, Niraj Kumar Jha, Anushka Upamali Rajapaksha, Jochen Bundschuh, Elza Bontempi & Abhijit Dey	Environmental Chemistry Letters volume	https://link.springer.co m/article/10.1007/s103 11-022-01474-1
206	2022- 2023	Sharda School of Engineering & Technology	Nanoparticulate drugs and vaccines: Breakthroughs and bottlenecks of repurposing in breast cancer	Popat Kumbhar , Kapil Kole , Varsha Khadake, Pradnya Marale , Arehalli Manjappa , Sameer Nadaf , Rajendra Jadhav , Ajit Patil , Sachin Kumar Singh , Kamal Dua , Niraj Kumar Jha , John Disouza , Vandana Patravale	Journal of Controlled Release	https://pubmed.ncbi.nl m.nih.gov/35914614/
207	2022-2023	Sharda School of Engineering & Technology	Recent developments, challenges and future prospects in advanced drug delivery systems in the management of tuberculosis	Nitin Verma, Vimal Arora, Rajendra Awasthi, Yinghan Chan, Niraj Kumar Jha, Komal Thapa, Talha Jawaid, Mehnaz Kamal,Gaur av Gupta, Gang Liu, Keshav Raj	Journal of Drug Delivery Science and Technology	https://www.sciencedir ect.com/science/article /abs/pii/S17732247220 06013

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208	2022- 2023	Sharda School of Engineering & Technology	Translational aspect in peptide drug discovery and development: An emerging therapeutic candidate	Uttpal Anand , Anustup Bandyopadh yay , Niraj Kumar Jha , José M Pérez de la Lastra , Abhijit Dey	BioFactors	https://pubmed.ncbi.nl m.nih.gov/36326181/
209	2022-2023	Sharda School of Engineering & Technology	Comparative Performance Evaluation of Personal Protective Measures and Antiviral Agents Against SARS- CoV-2 Variants: A Narrative Review	Md Anamul Haque, Md Tanbir, Bulbul Ahamed, Md Jamal Hossain, Arpita Roy, Mohammad Shahriar, Mohiuddin Ahmed Bhuiyan and Md Rabiul Islam	Clinical pathology	https://journals.sagepu b.com/doi/10.1177/263 2010X231161222?url_ ver=Z39.88- 2003𝔯_id=ori:rid:cr ossref.org𝔯_dat=cr_ pub%20%200pubmed
210	2022- 2023	Sharda School of Basic Sciences & Research	Association of glutathione-S-transferase polymorphism with genetic damage in paint workers	KanuPriya, Sunil Kumar, Ranjan Gupta, Neeraj Aggarwal & Anita Yadav	Molecular Biology Reports	https://link.springer.co m/article/10.1007/s110 33-023-08335-2
211	2022- 2023	Sharda School of Pharmacy	Nanodeliovery based Chinese medicine's bioactive compounds for treatment of respiratory disorders	Rakesh K Sindhu, Moksha Sofat, Harnoor Kaur, Ayushi Taneja, M Arockia Babu, Vibha	Pharmacologica l Research- Modern Chinese Medicine	https://www.sciencedir ect.com/science/article /pii/S26671425220014 03

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212	2022- 2023	Sharda School of Pharmacy	PROTAC: A Novel Drug Delivery Technology for Targeting Proteins in Cancer Cells	Rajni Bala , Rakesh Kumar Sindhu , Reecha Madaan, Shantanu Kumar Yadav	Current Drug Discovery Technologies	https://benthamscience .com/article/127297
213	2022- 2023	Sharda School of Pharmacy	Herbal and Ayurvedic Plants as Remedial Approach for Viral Diseases with Focus on COVID-19: A Narrative Review	Yashvita Joshi, Hema Rani, Gurpreet Kaur, Manish Kumar, Rakesh K. Sindhu, Ajay Singh	Current Traditional Medicine	https://www.eurekaselect.com/article/125750
214	2022- 2023	Sharda School of Dental Sciences	Correlation of COVID-19 with severity of periodontitis-A clinical and biochemical study	Rupali Kalsi, Zoya Ahmad, Mallapragad a Siddharth, Kharidhi Laxman Vandana, Sachit Anand Arora, Kumar Saurav	Indian journal of dental research	https://www.ijdr.in/arti cle.asp?issn=0970- 9290;year=2022;volu me=33;issue=3;spage= 307;epage=312;aulast= Kalsi
215	2022-2023	Sharda School of Basic Sciences & Research	Inhibition of Mycobacterium tuberculosis resuscitation-promoting factor B (RpfB) by microbially derived natural compounds: a computational study	Mandeep Chouhan, Prashant Kumar Tiwari, Mahmoud Moustafa, Kundan Kumar Chaubey, Arti Gupta, Rajeev Kumar,	Journal of Biomolecular Structure and Dynamics	https://www.tandfonlin e.com/eprint/VPUTUR SRVQC2K8AYA9KN /full?target=10.1080/0 7391102.2023.220821

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				Sahoo, Esam I. Azhar, Vivek Dhar Dwivedi & Sanjay Kumar	/	
216	2022- 2023	Sharda School of Medical Sciences & Research	Investigating protein C and S levels in pregnant women with recurrent early pregnancy loss versus normal pregnancy.	Beenish Mukhtar, Rinku Garg, Guru Ibrahim, Jyoti Batra	Journal of Medicine and life	https://medandlife.org/ all-issues/2023/issue- 1-2023-all- issues/original-article- issue-1-2023-all- issues/investigating- protein-c-and-s-levels- in-pregnant-women- with-recurrent-early- pregnancy-loss- normal-pregnancy/
217	2022- 2023	Sharda School of Engineering & Technology	Effect of waste marble dust powder as a filler material on mechanical properties and water uptake capacity of Epoxy/glass fiber composites	Saigeeta Priyadarshini , Shatrughan Soren, Geeta Durga	Materials Today Proceedings	https://www.sciencedir ect.com/science/article /abs/pii/S22147853230 06144?via%3Dihub
218	2022- 2023	Sharda School of Engineering & Technology	Plant-derived exosomes: A new dimension in cancer therapy	Rajib Dhar, Nobendu Mukerjee, Dattatreya Mukherjee, Arikketh Devi, Saurabh Kumar Jha, Sukhamoy Gorai	Phytotherapy Research	https://onlinelibrary.wi ley.com/doi/10.1002/pt r.7828
219	2022-2023	Sharda School of Engineering & Technology	Chitosan Nanoparticles- Based Cancer Drug Delivery: Application and Challenges	Bhuvi Sachdeva, Punya Sachdeva , Arvind Negi, Shampa Ghosh, Sungsoo Han, Saikat Dewanjee, Saurabh Kumar Jha, Rakesh Bhaskar, Jitendra Kumar	Marine Drugs	https://www.mdpi.com /1660-3397/21/4/211

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220	2022- 2023	Sharda School of Engineering & Technology	Exosome and epithelial—mesenchymal transition: A complex secret of cancer progression	Rajib Dhar, Arikketh Devi, Sukhamoy Gorai, Saurabh Kumar Jha, Athanasios Alexiou, Marios Papadakis	Journal of Cellular and Molecular Medicine	https://onlinelibrary.wi ley.com/doi/full/10.11 11/jcmm.17755
221	2022-2023	Sharda School of Engineering & Technology	Exosome: A megastar of future cancer personalized and precision medicine	Rajib Dhar, Sukhamoy Gorai, Arikketh Devi, Saurabh Kumar Jha, Md. Atiar Rahman, Athanasios Alexiou, Marios Papadakis	Clinical and Translational Discovery	https://onlinelibrary.wi ley.com/doi/10.1002/ct d2.208
222	2022- 2023	Sharda School of Basic Sciences & Research	Therapeutic Approaches in Pancreatic Cancer: Recent Updates	Lokender Kumar, Sanjay Kumar, Kumar	Biomedicines	https://www.mdpi.com /2227-9059/11/6/1611
	1			Sandeep, Sanjay Kumar Singh Patel		
223	2022-2023	Sharda School of Engineering & Technology	Inflammation- Targeted Nanomedicine against Brain Cancer: From Design Strategies to Future Developments	Abdullah Al Mamun, Md Sahab Uddin, Asma Perveen, Niraj Kumar Jha, Badrah S Alghamdi, Philippe Jeandet, Hong-Jie Zhang, Ghulam Md Ashraf	Seminars in Cancer Biology	https://www.sciencedir ect.com/science/article /abs/pii/S1044579X22 001936

224	2022-2023	Sharda School of Engineering & Technology	Traditional uses, phytochemistry, pharmacology and toxicology of garlic (Allium sativum), a storehouse of diverse phytochemicals: A review of research from the last decade focusing on health and	Champa Keeya Tudu, Tusheema Dutta, Mimosa Ghorai, Protha Biswas, Dipu Samanta, Patrik Oleksak, Niraj Kumar Jha, Manoj	Frontiers in Nutrition	https://www.frontiersin .org/articles/10.3389/f nut.2022.929554/full
			nutritional implications	Kumar, Radha, Jarosław Proćków, José M. Pérez de la Lastra, Abhijit Dey		
225	2022-2023	Sharda School of Engineering & Technology	Barbaloin: an amazing chemical from the 'wonder plant' with multidimensional pharmacological attributes	Shreya Sikdar Mitra, Mimosa Ghorai, Samapika Nandy, Nobendu Mukherjee, Manoj Kumar, Radha, Arabinda Ghosh, Niraj Kumar Jha, Jarosław Proćków & Abhijit Dey	Naunyn- Schmiedeberg's Archives of Pharmacology	https://link.springer.co m/article/10.1007/s002 10-022-02294-4
226	2022-2023	Sharda School of Engineering & Technology	ROCK2 inhibition: A futuristic approach for the management Alzheimer's disease	Shalini Mani, Divya Jindal, Hitesh Chopra, Saurabh Kumar Jha, Sachin Kumar Singh, Gulam Md Ashraf, Mehnaz Kamal, Danish Iqbal, Dinesh Kumar	Neuroscience & Biobehavioral Reviews	https://www.sciencedirect.com/science/article/abs/pii/S0149763422003608

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227	2022-2023	Sharda School of Engineering & Technology	Piper longum L.: A comprehensive review on traditional uses, phytochemistry, pharmacology, and health- promoting activities	Protha Biswas, Mimosa Ghorai, Tulika Mishra, Abilash Valsala Gopalakrish nan, Debleena Roy, Abhijit Bhagwan Mane, Avinash Mundhra, Neela Das, Vikas Moreshwar Mohture, Manoj Tukaram Patil, Md. Habibur Rahman, Niraj Kumar Jha, Gaber El-Saber Batiha, Suc	Phytotherapy Research	https://onlinelibrary.wi ley.com/doi/10.1002/pt r.7649
228	2022-2023	Sharda School of Engineering & Technology	Therapeutic Antiaging Strategies	Shailendra Kumar Mishra, Vyshnavy Balendra, Josephine Esposto, Ahmad A Obaid, Ricardo B Maccioni, Niraj Kumar Jha, George Perry, Mahmoud Moustafa, Mohammed	Biomedicines	https://www.mdpi.com /2227- 9059/10/10/2515

				Al-Shehri, Mahendra P Singh, Anmar Anwar Khan, Emanuel Vamanu, Sandeep Kumar Singh		
229	2022- 2023	Sharda School of Engineering & Technology	Targeting inflammation: a potential approach for the treatment of depression	Shvetank Bhatt, Thangaraj Devadoss, Niraj Kumar Jha, Moushumi Baidya, Gaurav Gupta, Dinesh Kumar Chellappan, Sachin Kumar Singh & Kamal Dua	Metabolic Brain Disease	https://link.springer.co m/article/10.1007/s110 11-022-01095-1
230	2022- 2023	Sharda School of Engineering & Technology	Multifaceted role of synbiotics as nutraceuticals, therapeutics and carrier for drug delivery	Rubiya Khursheed, Monica Gulati, Sheetu Wadhwa, Sukriti Vishwas, Deep Shikha Sharma, Zeenat Parveen, Jon Adams, Niraj Kumar Jha, Kamal Dua, Sachin Kumar Singh	Chemico-Biological Interactions	https://www.sciencedir ect.com/science/article /abs/pii/S00092797220 04288
231	2022- 2023	Sharda School of Engineering & Technology	Clinical Potential of Himalayan Herb Bergenia ligulata: An Evidence-Based Study	Shubhadeep Roychoudhu ry, Dipika Das, Sandipan Das, Niraj Kumar Jha, Mahadeb Pal, Adriana Kolesarova, Kavindra	Molecules	https://www.mdpi.com /1420- 3049/27/20/7039

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232	2022- 2023	Sharda School of Engineering & Technology	Recent advances in flavonoid- based nanocarriers as an emerging drug delivery approach for cancer chemotherapy	Saikat Dewanjee, Pratik Chakraborty, Hiranmoy Bhattacharya , Sachin Kumar Singh, Kamal Dua, Abhijit Dey, Niraj Kumar Jha	Drug Discovery Today	https://www.sciencedir ect.com/science/article /abs/pii/S13596446220 04020
233	2022- 2023	Sharda School of Engineering & Technology	α-Bisabolol Attenuates NF- κB/MAPK Signaling Activation and ER-Stress- Mediated Apoptosis by Invoking Nrf2- Mediated Antioxidant Defense Systems against Doxorubicin- Induced Testicular Toxicity in Rats	Seenipandi Arunachala m, Mohamed Fizur Nagoor Meeran, Sheikh Azimullah, Niraj Kumar Jha, Dhanya Saraswathia mma, Alia Albawardi, Rami Beiram, Shreesh Ojha	Nutrients	https://www.mdpi.com /2072- 6643/14/21/4648
234	2022-2023	Sharda School of Engineering & Technology	Neuroprotective Potential and Underlying Pharmacological Mechanism of Carvacrol for Alzheimer's and Parkinson's Diseases	Hayate Javed, Nagoor Meeran Mohamed Fizur Niraj Kumar Jha, Ghulam Md Ashraf, Shreesh Ojha	Current Neuropharmaco logy	https://www.eurekaselect.com/article/128415
235	2022- 2023	Sharda School of Engineering & Technology	Short Chain Fatty Acids: Fundamental mediators of the gut-lung axis and their involvement in pulmonary diseases	Sumel Ashique, Gabriele De Rubis, Ekta Sirohi, Neeraj Mishra, Mohd Rihan, Ashish Garg, Ruby-Jean	Chemico- Biological Interactions	https://www.sciencedir ect.com/science/article /abs/pii/S00092797220 04367

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236	2022-2023	Sharda School of Engineering & Technology	Therapeutic properties and pharmacological activities of asiaticoside and madecassoside: A review	Shinjini Bandopadhy ay, Sujata Mandal, Mimosa Ghorai, Niraj Kumar Jha, Manoj Kumar, Radha, Arabinda Ghosh, Jarosław Proćków, José M. Pérez de la Lastra, Abhijit Dey	Journal of Cellular and Molecular Medicine	https://onlinelibrary.wi ley.com/doi/10.1111/jc mm.17635
237	2022-2023	Sharda School of Engineering & Technology	Role of nucleic acid-based polymeric micelles in treating diseases	Jaskiran Kaur, Monica Gulati, Leander Corrie, Ankit Awasthi, Niraj Kumar Jha, Dinesh Kumar Chellappan, Gaurav Gupta, Ronan MacLoughli n, Brian G Oliver, Kamal Dua, Sachin Kumar	Nanomedicine	https://www.futuremedicine.com/doi/10.2217/nnm-2022-0260

238	2022-2023	Sharda School of Engineering & Technology	Co-crystal nanoarchitectoni cs as an emerging strategy in attenuating cancer: Fundamentals and applications	Popat Kumbhar, Kaustubh Kolekar, Chinmayee Khot, Swati Dabhole, Ahmad Salawi, Fahad Y. Sabei, Akshay Mohite, Kapil Kole, Susmit Mhatre, Niraj Kumar Jha, Arehalli Manjappa, Sachin Kumar Singh, Kamal Dua, John Disouza, Vandana Patravale	Journal of Controlled Release	https://www.sciencedir ect.com/science/article /abs/pii/S01683659220 08562
239	2022-2023	Sharda School of Engineering & Technology	Pharmacological and Molecular Insight on the Cardioprotective Role of Apigenin	Shilu Deepa Thomas, Niraj Kumar Jha, Saurabh Kumar Jha, Bassem Sadek, Shreesh Ojha	Nutrients	https://www.mdpi.com /2072-6643/15/2/385
240	2022-2023	Sharda School of Engineering & Technology	Geraniol protects hippocampal CA1 neurons and improves functional outcomes in global model of stroke in rats	Prakruti Buch, Tejas Sharma, Vishal Airao, Devendra Vaishnav, Shalini Mani, Mahesh Rachamalla, Ashish Kumar Gupta, Vijay Upadhye, Saurabh Kumar Jha, Niraj Kumar Jha, Sachin Parmar	Chemical Biology and Drug Design	https://onlinelibrary.wi ley.com/doi/10.1111/c bdd.14260?af=R

241	2022-2023	Sharda School of Engineering & Technology	Crosstalk between long noncoding RNA and microRNA in Cancer	Rahul Bhattacharje e, Neeraj Prabhakar, Lamha Kumar, Arkadyuti Bhattacharje e, Sulagna Kar, Sumira Malik, Dhruv Kumar, Janne Ruokolainen , Arvind Negi, Niraj Kumar Jha & Kavindra Kumar Kumar Kesari	Cellular Oncology	https://link.springer.co m/article/10.1007/s134 02-023-00806-9
242	2022- 2023	Sharda School of Engineering & Technology	IGF-1 and GLP-1 signaling: potential therapeutic target for neurological disorders — correspondence	Neeraj Gajwani, Kamna Rawat, Akshita Sharma, Mahesh Rachamalla, Niraj K. Jha, Hitesh Chopra, Kuldeep Dhama and Talha B. Emran	Annals of Medicine and Surgery	https://www.ncbi.nlm. nih.gov/pmc/articles/P MC9893427/
243	2022-2023	Sharda School of Basic Sciences & Research	Identification of small molecule inhibitors of RAD52 for breast cancer therapy: in silico approach	Mukesh Kumar, Rajni Dubey, Prakash Kumar Shukla, Deen Dayal, Kundan Kumar Chaubey, Lung-Wen Tsai, Sanjay Kumar	Journal of Biomolecular Structure and Dynamics	https://pubmed.ncbi.nl m.nih.gov/37288783/
244	2022- 2023	Sharda School of Basic Sciences & Research	Persistence and Prevalence of Clinical Symptoms in SARS-CoV-2 infected patients	Surender Jangra, Paramjeet Singh Gill, Deepinder Singh, Suman	Research Journal of Pharmacy and Technology	https://www.rjptonline. org/AbstractView.aspx ?PID=2023-16-3-71

				Sharma, Savita Bhatia, Khushwant Nandal		
245	2022-2023	Sharda School of Basic Sciences & Research	CRISPR/Cas9 as a therapeutic tool for triple negative breast cancer: from bench to clinics	Prashant Kumar Tiwari, Tin- Hsien Ko, Rajni Dubey, Mandeep Chouhan, Lung-Wen Tsai, Himanshu Narayan Singh, Kundan Kumar Chaubey, Deen Dayal, Chih-Wei Chiang and Sanjay Kumar	Frontiers in Molecular Bioscience	https://www.frontiersin .org/articles/10.3389/f molb.2023.1214489/fu ll
246	2022- 2023	Sharda School of Basic Sciences & Research	Strategies Facilitating the Permeation of Nanoparticles through Blood- Brain Barrier: An Insight Towards the Development of Brain-Targeted Drug Delivery System	Aishaanya Mishra, Rohit Kumar, Janhavi Mishra, Khushboo Dutta, Priyanca Ahlawat, Akhilesh Kumar, Sugapriya	Journal of Drug Delivery Science and Technology	https://www.sciencedir ect.com/science/article /abs/pii/S17732247230 05464
				Dhanasekara n, Ashish Kumar Gupta, Somya Sinha, Dillip Kumar Bishi, Piyush Kumar Gupta*, Sunita Nayak		
247	2022- 2023	Sharda School of Basic Sciences & Research	Emerging trends in zinc ferrite nanoparticles for biomedical and environmental applications	Jivesh Garg, Mei Nee Chiu, Saravanan Krishnan, Rohit Kumar,	Applied Biochemistry and Biotechnology	https://link.springer.co m/article/10.1007/s120 10-023-04570-2

				Mahwish Rifah, Priyanca Ahlawat,		
				Niraj Kumar Jha, Kavindra Kumar Kesari, Janne Ruokolainen , Piyush Kumar Gupta*		
248	2022- 2023	Sharda School of Engineering & Technology	Study and Application of an Elevator Failure Monitoring System Based on the Internet of Things Technology	Wei Ya, Vishal Jagota, Rakesh Kumar, Danish Ather, Vishal Jain, Suhail Javed Quraishi, and Jonathan Osei-Owusu	Scientific Programming	https://www.hindawi.c om/journals/sp/2022/2 517077/
249	2022-2023	Sharda School of Engineering & Technology	Accurate and Automated Deep Learning Solution for Skin Cancer Detection	Raj Gaurang Tiwari, Sandeep Kumar, Gaurav Vishnu Londhe, Ambuj Kumar Agarwal, Rajat Bhardwaj	Intenational Journal of Intelligent Systems and Applications in Engineering	https://ijisae.org/index. php/IJISAE/article/vie w/2810
250	2022- 2023	Sharda School of Basic Sciences & Research	In silico investigation and MD simulations of phytochemicals of C. wightii against dengue targets NS5 and E protein	Preeti Jain, Yogita Singh, Ruchi Kumari	Vegetos	https://link.springer.co m/article/10.1007/s425 35-023-00658-6
251	2022- 2023	Sharda School of Basic Sciences & Research	Half-Sandwich Arene Metal Complexes Bearing Ferrocenyl- Pyridine Azine Schiff Base: Anticancer, Antibacterial,	Sheetal, Devendra Pratap Rao, Vickky Singh, Sarita Srivastava, Sanjay Kumar,	Chemistry Africa	https://link.springer.co m/article/10.1007/s422 50-023-00706-3

			DNA Binding and In Vitro Cytotoxicity Studies	Ranvir Singh		
252	2022- 2023	Sharda School of Engineering & Technology	A computational perspective towards the identification of promising lead molecules against 6-hydroxy-methyl dihydropterin pyrophosphokina se (HPPK) from Acinetobacter baumannii	Saurabh Kumar Bhati, Monika Jain, Jayaraman Muthukumar an & Amit Kumar Singh	Journal of Biomolecular Structure and Dynamics	https://www.tandfonlin e.com/doi/abs/10.1080 /07391102.2023.22404 23?journalCode=tbsd2 0
253	2022- 2023	Sharda School of Basic Sciences & Research	End tuberculosis by 2035: challenges ahead	Asrar Ahmad Malik , Sanjeev Sinha , Nasreen Z Ehtesham, Seyed Hasnain	Future Microbiology	https://www.futuremed icine.com/doi/10.2217/ fmb-2023-0056
254	2022-2023	Sharda School of Basic Sciences & Research	Regulation of autophagy by SARS-CoV-2: The multifunctional contributions of ORF3a	Mohd Shariq, Asrar A. Malik, Javaid A. Sheikh, Seyed E. Hasnain, Nasreen Z. Ehtesham	Journal of Medical Virology	https://onlinelibrary.wi ley.com/doi/10.1002/j mv.28959
255	2022-2023	Sharda School of Engineering & Technology	Identification and prioritization of potential therapeutic molecules against LpxA from Acinetobacter baumannii – A computational study	Rameez Jabeer Khan, Ekampreet Singh, Rajat Kumar Jha, Ankit Kumar, Saurabh Kumar Bhati, Mahrukh Parveez Zia, Monika Jain, Rashmi Prabha Singh, Jayaraman Muthukumar an, Amit Kumar	Current Research in Structural Biology	https://www.sciencedir ect.com/science/article /pii/S2665928X23000 028?via%3Dihub

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256	2022- 2023	Sharda School of Allied Health Sciences	Sarcopenic Obesity and Its Impact on Quality of Life: A Concise Review	Mangalam Kumari, Archana Khanna	Current Aging Science	https://www.eurekaselect.com/article/132093
257	2022-2023	Sharda School of Engineering & Technology	Reactive oxygen species mediated apoptotic death of colon cancer cells: therapeutic potential of plant derived alkaloids	Vinod K Nelson 1, Mohana Vamsi Nuli 1, Juturu Mastanaiah 2, Mohamed Saleem T S 3, Geetha Birudala 4, Yahya F Jamous 5, Omar Alshargi 3, Kranthi Kumar Kotha 6, Hari Hara Sudhan 1, Ravishankar Ram Mani 7, Alagusundar am Muthumanic kam 8, Divya Niranjan 8	Frontiers in Endocrinology	https://pubmed.ncbi.nl m.nih.gov/37560308/
258	2022- 2023	Sharda School of Pharmacy	Brain-Targeted Nano- Architectures	Ravuluri, Jeswanthi A. V.; Rao,	Current Pharmaceutical Design	https://www.eurekaselect.com/article/132731
			For Efficient Drug Delivery And Sensitization In Glioblastoma	Vanishree; Kumar, Gautam; Manandhar, Suman; Cheruku, Sri P.; Bisht, Priya; Chamallmud i, Mallikarjuna Rao; Nandakumar , Krishnadas; Kumar, Lalit; Kumar, Nitesh		

259	2022- 2023	Sharda School of Allied Health Sciences	Analysis of Heavy Metals contents of Green leafy	Rebecca and Dr. Karuna Singh	International Journal of Medical Toxicology &	https://www.indianjour nals.com/ijor.aspx?targ et=ijor:ijmtlm&volum e=26&issue=3and4&ar
			vegetables collected from selected sites of NCR, India		Legal Medicine	ticle=019
260	2022- 2023	Sharda School of Allied Health Sciences	Explore the Smokeless tobacco exposures and their relationship with pregnancy outcomes: review	Sakshi Pandey, Mahak Malviya, Prashant Agrawal, Lalit P Chandravans hi	International Journal of Medical Toxicology & Legal Medicine	https://www.indianjour nals.com/ijor.aspx?targ et=ijor:ijmtlm&volum e=26&issue=3and4&ar ticle=014
261	2022- 2023	Sharda School of Allied Health Sciences	Review on Alcohol Abuse in India and Detection of Alcohol Biomarkers PEth, EtG	Nakul Pandoh, Prashant Agarwal, Lalit Chandravasn hi, Uday Pratap Singh	International Journal of Medical Toxicology and Legal Medicine	https://www.indianjour nals.com/ijor.aspx?targ et=ijor:ijmtlm&volum e=26&issue=3and4&ar ticle=018
262	2022-2023	Sharda School of Allied Health Sciences	Heavy Metal exposure in pregnant ladies and their toxic effects on foetus Health before and after Birth	Achala Dwivedi, Shrisha Singhania, Prashant agrawal, Lalit Chandravans hi and Uday Pratap Singh	International Journal of Medical Toxicology and Legal Medicine	https://www.indianjour nals.com/ijor.aspx?targ et=ijor:ijmtlm&volum e=26&issue=3and4&ar ticle=006
263	2022-2023	Sharda School of Medical Sciences & Research	Effect of Attitude and Transportation on Healthcare Utilisation Among Geriatric Patients of Respiratory Diseases – An Indian Perpective – Delhi NCR and Ghaziabad	Sonisha Gupta, Smita Asthana, Atul Kumar Gupta, Pawan Kumar Basarwadia	Journal, Indian Academy of Clinical Medicine	https://jiacm.in/aprl- june- 2023/Journal_83_com plete.pdf
264	2022- 2023	Sharda School of Basic Sciences & Research	Gender Discrepancy in Infant Mortality in Nigeria: Evidence from NDHS Data	Kumur John Haganawiga, Surya Kant Pal, Anu Sirohi, Varsha Rathi	Journal of Modern Applied Statistical Methods	https://jmasm.com/ind ex.php/jmasm/article/v iew/1131

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265	2022- 2023	Sharda School of Basic Sciences & Research	-	 Community Practitioner	https://commprac.com/july-2023/



Project

S. N	r. Ío	Year	School	Name of the Scheme, Project, Endowments, Chairs	Name of the Funding Agency	Type (Government / Non Government)
1		2022-2023	SBSR	Fabrication and Biological Assessment of Fucoidan-Garlic extract Coated Quercetin Nanoparticles as Synergistic Anti- Leishmanial Agent	Science and Engineering Research Board, DST	Government
2		2022-2023	SBSR	Isolation characterization of herbal plant constituents and their effect on curing Osteoporosis using osteoblastic cell lines	Ministry of Ayush, Govt of India	Government
3		2022-2023	SMSR	A Study to evaluate the treatment outcome, safety, plasma concentration and quality of life of Bedaquiline treatment in North India	Indian Council of Medical Research (ICMR)	Government
4		2022-2023	SHAS	Advance Micro Ear Surgical Instruments Kit	National Research Development Corporation, Govt of India	Government
5		2022-2023	SET	Trading MDR Acinetobacter baumanii, an ESKAPE pathogen: A Structure Based Rational Approaches to Identify and Validate the Potent Inhibitors against Acyl-homoserine Lactone Synthase (AHLS)	ICMR	Government
6		2022-2023	SHAS	Prototyping of advance Micro ear surgical intruments	MSME, Govt. of India	Government
7		2022-2023	SHAS	Serum aflatoxin B1 level and gallbladder cancer in India	Japan Society for the Promotion of Science	Government
8		2022-2023	SBSR	Maximizing energy recovery using microalgae in novel microbial carbon capture cells via carbon dioxide sequestration	MSME, Govt. of India	Government
9		2022-2023	SMSR	Monitoring intravascular fluid status and fluid replacement for a patient	MSME, Govt. of India	Government

Patents

Sr. No	Name of the Patenter	Patent Number	Title of the patent	Year of Award of patent
1	Nayyar Parvez	2023/04928	A SYSTEM FOR DEVELOPING PHYTOSOMES LOADED POLYPHENOL DERIVED FROM MORINGA OLEIFERA LEAF TO TREAT CANCER	2022-2023
2	Vandana Singh, Babita .	Vandana Singh, Babita . 202211036909 A PHARMACEUTICAL COMPOSITION FOR GASTROINTESTINAL DISORDERS AND PROCESS OF PREPARATION THEREOF		2022-2023
3	Gunjan ., Preeti Singh, Saroj Yadav, Ashok Kumar Gupta, Rakesh Kumar, Bhumika Kumar	202311040359	COMPOSITION AND METHOD FOR TREATMENT OF CANCER USING COMBINATION THERAPY WITH NANOPARTICLES	2022-2023
4	Kanika Singh, Shhilpi Sinha	202111029765	MEDICINE CUTTER	2022-2023
5	Himani Sharma, M Siddharth, Pallavi Sharma, Radhika Gupta, Saransh ., Stuti Gupta	202211046841	PERIOSTEAL ELEVATOR FOR PERFORMING SURGICAL TASKS	2022-2023
6	Himani Sharma, M Siddharth, Pallavi Sharma, Radhika Gupta, Saransh ., Stuti Gupta	202211050878	A TISSUE RETRACTOR	2022-2023
7	Ashish Choudhary, Ekta Choudhary	202211049568	COMPOSITE SHAPING INSTRUMENT FOR DENTAL SURFACE	2022-2023
8	Himani Sharma, M Siddharth, Pallavi Sharma, Radhika Gupta, Saransh ., Stuti Gupta	202211055091	SURGICAL DEVICE	2022-2023
9	Ankita Pal, Ashish Choudhary	202211054034	DEVICE FOR ADJUSTING AND VERIFYING A VERTICAL DIMENSION OF A PATIENT	2022-2023
10	Mayank Shukla	202211058187	ORAL REHABILITATION FRAME	2022-2023
11	Ajit Pal Singh, Rahul Saxena, Suyash Saxena, Vivek Kumar Pathak, Pradeepti Nayak ., Saurabh Srivastava	202211058130	AN ADVANCED DISPOSABLE SURGICAL DRAPING APPARATUS	2022-2023
12	Rashmi Priyadarshini	202211056790	METHOD AND SYSTEM FOR AUTOMATED MEDICAL ASSISTANCE	2022-2023

13	Ajit Pal Singh, Rahul Saxena, Suyash Saxena, Vivek Kumar Pathak, Pradeepti Nayak.	202211057541	SURGICAL DRESSING DEVICE	2022-2023
14	Archana Khanna	202211059326	EXERCISING DEVICE FOR SHOULDER AND FINGERS	2022-2023
15	Arpita Roy	202211060519	IN SILICO ANALYSIS OF ANTI- VIRAL COMPOUNDS FROM ENDOPHYTIC FUNGI AGAINST SARS-COV-2	2022-2023
16	Rohit Punga	202211056014	CONDYLAR SPREADER	2022-2023
17	Mridul Dharwal, Jitender Kumar	202211059134	NOSTALGIA MARKETING SYSTEM MODEL	2022-2023
18	Anurag Hasti	202211065817	LASER GUIDED MAXILLARY CENTRAL INCISOR MEASUREMENT DEVICE	2022-2023
19	Ambuj Kumar Agarwal, Anil Kumar Sagar, Parma Nand, Rani Astya, Nitin Rakesh	202211067442	AUTHENTICATION OF EXTERNAL DEVICES TO IMPLANTABLE MEDICAL DEVICES USING AI	2022-2023
20	Arpita Roy	202211067571	ANTIOXIDANT ACTIVITY OF BIOGENIC CU/FE/AG TRIMETALLIC NANOPARTICLES	2022-2023
21	Niraj K <mark>umar Jha, Parma</mark> Nand, Priya Tyagi, Saurabh Kumar Jha, Ankur Sharma	202111044786	METHOD FOR PRODUCING DRUG SUBSTANCE LOADED NANOPARTICLES	2022-2023
22	Kunal Kishor	202311001937	ENDOPHYTIC SILVER NANOPARTICLE ANTIDERMATOPHITE FORMULATION	2022-2023
23	Ajit Pal Singh, Rahul Saxena, Suyash Saxena, Vivek Kumar Pathak, Pradeepti Nayak .	202213076875	DETACHABLE JAW CHAMBER FOR ADJUSTING LENGTH OF A SURGICAL DRESSING DEVICE	2022-2023
24	Arpita Roy	202311009810	COMPUTATIONAL STUDIES OF AMLA (PHYLLANTHUS EMBLICA) BIOACTIVE COMPOUNDS AGAINST COVID19 MUTANTS (PDB ID: 7T9L & 7V8B)	2022-2023
25	Abhilasha Singh Mathuriya, Soumya Pandit	202211061261	ECO-FRIENDLY ANODE CHAMBER CUM SEPARATOR ELECTRODE ASSEMBLY FOR MICROBIAL ELECTROCHEMICAL SYSTEMS	2022-2023
26	Dinesh Kumar Bagga, Kanak Priya, Poonam Agrawal	202211064938	CHEEK RETRACTORS FOR DENTAL EXAMINATION	2022-2023

27	Aditi Rikhari, Akanksha ., Mayuri Rastogi, Vandana Singh, Bushra Shaida	202311002929	FOOD APPARATUS WITH A WEIGHING SCALE	2022-2023
28	Rita Sharma	202311003187	MULTIPURPOSE MYOFASCIAL RELEASING TOOL	2022-2023
29	Piyush Kumar Gupta, Soumya Pandit, Vandana Singh	202311003436	MICROBIAL CO-CULTURE FOR MICROBIAL ELECTROCHEMICAL SYSTEM	2022-2023
30	Soumya Pandit, Swati Hazra	202311005693	BIO-ELECTROCHEMICAL CELL FOR TREATMENT OF ORGANIC WASTE USING EARTHWORMS	2022-2023
31	R C Singh, Vinay Kumar Verma, Vivek Srivastava	202311008531	ANTICANCER MOLECULAR ORGANIC FRAMEWORK COMPRISING SE/TE, N AND O, THEIR METAL COMPLEXES AND PREPARATIONS THEREOF	2022-2023
32	R Sreeraja Kumar, Urmila Devi Bhardwaj	202211011629	VISUAL COMMUNICATION BOARD- BRIDGE FOR COMMUNICATION BETWEEN PATIENT AND NURSE	2022-2023
33	Rani Astya, Nitin Rakesh	202211029956	SYSTEM AND METHOD TO ACQUIRE AT LEAST ONE PARAMETER OF AN AQUATIC BODY	2022-2023
34	Kunal Kishor	202311011495	TABLET BASED HERBAL DISPERSIBLE MOUTHWASH	2022-2023
35	Shahana Majumder	201711037837	A METHOD OF EXPRESSION OF COAT PROTEIN GENE OF BANANA BUNCHY TOP VIRUS (BBTV) IN BACTERIAL HOST	2022-2023
36	Amrit Kumar Agrawal, Ekta Singh, Jerald Nirmal Kumar S, Rajneesh Kumar Singh, Tushar Mehrotra	2023101764	BLIND PERSON INTELLIGENT WALKING STICK SYSTEM INTEGRATING MACHINE LEARNING AND INTERNET OF THINGS TECHNOLOGY	2022-2023
37	Kiran Sharma	202211061743	AN INTELLIGENT SYSTEM AND METHOD FOR DIABETIC KNOWLEDGE EDUCATION AND SELF-CARE MANAGEMENT PRACTICE IN DIABETES MELLITUS SUBJECTS	2022-2023
38	Megha Gupta, Nishant Kumar, Sufyan Ghani, Sunil Kumar	202311013869	A METHOD OF SOIL STABILIZATION USING AZADIRACHTA INDICA LEAVES OIL AND BONDING TECHNIQUES	2022-2023
39	Pankaj Taneja, Pankaj Taneja, Sonia Khanna	202311029599	AN ANTICANCER COMPOUND AND METHOD OF PREPARATION THEREOF	2022-2023

40	Pankaj Taneja, Sonia Khanna	202311029499	AN ANTI-CANCER COMPOUND FOR U87-MG CELL LINES AND METHOD FOR PREPARING THE SAME	2022-2023
41	Ajit Pal Singh, Neerja Goel, Rahul Saxena, Suyash Saxena	202311026898	SURGICAL INSTRUMENT FOR PARTURITION	2022-2023
42	R C Singh, Sunil Chauhan	202311036315	HYDROTHERMAL SYNTHESIS OF BI2S3-XC DOT NANOCOMPOSITES AND THEIR USE IN PHOTOCATALYTIC DEGRADATION OF CIPROFLOXACIN	2022-2023
43	Pankaj Taneja, Pankaj Taneja, Sonia Khanna	202311040140	SILVER COMPLEX OF THIOSEMICARBAZONE AS AN EFFECTIVE ANTICANCER AGENT	2022-2023
44	Poonam Thakur, Elisha Mahato, Komal Sharma	202311015885	DEEP LEARNING BASED TECHNIQUE TO ANALYSE THE FACTORS RESPONSIBLE FOR PREVENTIVE MEDICINE AND HEALTHY LIVING IN SENIOR CITIZENS	2022-2023
45	Amit Attri	202241075957	MACHINE LEARNING BASED APPROACH TO PREDICT THE ROLE OF LINEAR ALGEBRA AND ITS APPLICATIONS IN HEALTH CARE MONITORING	2022-2023
46	Ankita Ti <mark>wari</mark>	2023/02595	A GALLIC ACID-STEARYLAMINE CONJUGATE COMPOSITION AND ITS PREPARATION PROCESS THEREOF	2022-2023
47	Amrita Akhilesh Sivasanker, Hemlata Lalia, Lamnunnem Haokip, Rekha Kumari,	202311033532	A CHATBOT FOR ANTENATAL WOMEN AND PARTNERS OBSTETRICS AND CHILD HEALTH	2022-2023
	Ringkangmai Liangkiuwiliu, Ritu Makhija, Sapam Debika Devi, Suman Pandey, Komal Sharma, Sanjna Kumari		CARE	
48	Varun Mohan	202341014207	AI AND MACHINE LEARNING TECHNIQUES BASED ON THE ROLE OF LINEAR ALGEBRA AND ITS APPLICATIONS IN MONITORING OF HEALTH CARE	2022-2023
49	Rahul Saxena	202211053948	A SYSTEM AND METHOD FOR PREDICTING CARDIOVASCULAR DISEASE AND DIABETES MELLITUS IN KNEE OSTEOARTHRITIS (OA)	2022-2023
50	Deepti Sahu, Prashant Upadhyay, Jyotsna .	202311041698	A SYSTEM BY UTILIZING MACHINE LEARNING APPROACH FOR PERSONALITY CLASSIFICATION FROM ONLINE TEXT	2022-2023

3.3.2 Health Outreach Programmes

- Sharda School of Nursing Science and Research, Sharda University Greater Noida students actively participate in various events organized for community people. Several community outreach programmes are regularly organized through role-plays and *nukkad* nataks to raise awareness regarding prevention of various diseases and promotion of positive health. The eight villages adopted by Sharda University are Panchayatan, Kullipura, Girdharpur, Rauni, Cheersi, Ghangola, Patlakheda and Inayatpur. The School has organized special events on the occasion of World Diabetes Day, World Aids Day, and other important occasions. Other important events include Rural Mega Menstrual Hygiene Awareness Program, Cervical Cancer awareness program (Rally and Skit) Theme: Be aware, Don't Fear, National Immunization Day among others.
- The <u>School of Medical Sciences and Research</u> is also engaged in spreading awareness among general masses with the initiation of several programs and camps related to health such as the 37th National Eye Donation Fortnight- *Nukkad* Naatak and poster competition, Diabetes and Hypertension Screening and Awareness Programme, Sexual and Reproductive Health awareness day, CME and workshop on Diagnosis and Treatment of Leprosy- an integrated approach, National Nutrition week, etc.
- School of Dental Sciences contributed by making tremendous strides in improving oral health for thousands, particularly of people to the disadvantaged sections of the society who lacks access to vital health care, infrastructure. School of Dental Sciences sustains a fully equipped mobile dental van and holds over 200 dental camps and outreach activities in a year in numerous sub-urban areas. The Dental School has also adopted 3 secondary schools and 8 villages in the vicinity and has rendered dental counselling and treatment to all sections of the society. They are actively engaged in Community Oral Health screening and awareness Program, program for girl child safety and empowerment and Community connect with LGBTQ+ society. All these initiatives have drastically increased the visibility of Sharda University among the local communities and in the city of Greater Noida.

Extension Activity

Sr No	Year	School	Name of the Activity	Number of Students participated in such Activities	Document Upload
1	20 <mark>22-</mark> 2023	School of Medical Sciences & Research	Diabetes and Hypertension screening and awareness programme	23	https://ezone.sharda.ac.in/ezone- 2022/admin/naaccriteria/g etpdfdetails/naaccriterias pdf-N2022- 2023:criteria_3.6.3.x:DIA BETES_AND_HYPERT ENSION_SCREENING AWARENESS_CAMP.pd f

2	2022- 2023	School of Medical Sciences & Research	World ORS Day	179	https://ezone.sharda.ac.in/ ezone- 2022/admin/naaccriteria/g
					etpdfdetails/naaccriterias pdf-N2022- 2023:criteria 3.6.3.x:ECR OF WORLD ORS DAY 24th July 2023 compressed.pdf
3	2022- 2023	School of Nursing Science and Research	Cervical Cancer awareness program (Rally and Skit) Theme: Be aware, don't fear	40	https://ezone.sharda.ac.in/ ezone- 2022/admin/naaccriteria/g etpdfdetails/naaccriterias pdf-N2022- 2023:criteria 3.6.3.x:Carv ical_Cancer.pdf
4	2022- 2023	School of Nursing Science and Research	Rural mega menstrual hygiene awareness program	31	https://ezone.sharda.ac.in/ ezone- 2022/admin/naaccriteria/g etpdfdetails/naaccriterias pdf-N2022- 2023:criteria_3.6.3.x:rural mega_awareness.pdf
5	2022- 2023	School of Nursing Science and Research	World Aids Day (Rally) Theme: Equalize	38	https://ezone.sharda.ac.in/ ezone- 2022/admin/naaccriteria/g etpdfdetails/naaccriterias pdf-N2022- 2023:criteria 3.6.3.x:Wor lds Aids Day.pdf
6	2022- 2023	School of Nursing Science and Research	Words Diabetes Day, Theme Education to protect tommorow	39	https://ezone.sharda.ac.in/ ezone- 2022/admin/naaccriteria/g etpdfdetails/naaccriterias pdf-N2022- 2023:criteria_3.6.3.x:Wor ld_Diebetes_Day.pdf
7	2022-2023	School of Nursing Science and Research	VISIT TO TRAINED NURSES ASSOCIATION OF INDIA	22	https://ezone.sharda.ac.in/ ezone- 2022/admin/naaccriteria/g etpdfdetails/naaccriterias pdf-2022- 2023:criteria 3.6.3.x:VISI T_OF_TNAI_2023.pdf
8	2022- 2023	School of Nursing Science and Research	world diabetes day	39	https://ezone.sharda.ac.in/ ezone- 2022/admin/naaccriteria/g etpdfdetails/naaccriterias pdf-2022- 2023:criteria_3.6.3.x:Wor ld_Diebetes_Day.pdf

9	2022- 2023	School of Nursing Science and Research	World Aids Day	38	https://ezone.sharda.ac.in/ ezone- 2022/admin/naaccriteria/g
				1	etpdfdetails/naaccriterias pdf-2022- 2023:criteria 3.6.3.x:Wor lds Aids Day.pdf
10	2022- 2023	School of Nursing Science and Research	NATIONAL IMMUNIZATION DAY	13	https://ezone.sharda.ac.in/ ezone- 2022/admin/naaccriteria/g etpdfdetails/naaccriterias pdf-2022- 2023:criteria_3.6.3.x:Eve nt_completion_report.pdf
11	2022- 2023	School of Dental Sciences	COMMUNITY CONNECT WITH SPECIAL CHILDREN	7	https://ezone.sharda.ac.in/ ezone- 2022/admin/naaccriteria/g etpdfdetails/naaccriterias pdf-2022- 2023:criteria_3.6.3.x:Disa bility_Day.PDF
12	2022- 2023	School of Dental Sciences	COMMUNITY CONNECT FOR GIRL CHILD SAFETY AND EMPOWERMENT	34	https://ezone.sharda.ac.in/ ezone- 2022/admin/naaccriteria/g etpdfdetails/naaccriterias_ pdf-2022- 2023:criteria_3.6.3.x:3Drs wati.pdf
13	2022- 2023	School of Dental Sciences	COMMUNITY CONNECT WITH LGBTQ+ SOCIETY	34	https://ezone.sharda.ac.in/ ezone- 2022/admin/naaccriteria/g etpdfdetails/naaccriterias pdf-2022- 2023:criteria 3.6.3.x:EVE NT REPORT World Oral_Healt_Day1.PDF
14	2022- 2023	School of Dental Sciences	Oral Health Outreach Program	96	https://ezone.sharda.ac.in/ ezone- 2022/admin/naaccriteria/g etpdfdetails/naaccriterias pdf-2022- 2023:criteria_3.6.3.x:5_D rSwati.pdf
15	2022- 2023	School of Dental Sciences	Comm <mark>u</mark> nity O <mark>ral</mark> Health Program	12	https://ezone.sharda.ac.in/ ezone- 2022/admin/naaccriteria/g etpdfdetails/naaccriterias pdf-2022- 2023:criteria 3.6.3.x:1 Madapa.PDF

16	2022- 2023	School of Dental Sciences	Community Oral Health screening and awareness Program	18	https://ezone.sharda.ac.in/ ezone- 2022/admin/naaccriteria/g etpdfdetails/naaccriterias pdf-2022- 2023:criteria 3.6.3.x:2
17	2022- 2023	School of Dental Sciences	Community Oral Health Awareness Program	15	https://ezone.sharda.ac.in/ezone- 2022/admin/naaccriteria/getpdfdetails/naaccriteriaspdf-2022- 2023:criteria_3.6.3.x:8 DrSwati.PDF
18	2022- 2023	School of Dental Sciences	Community connect and oral health awareness program	12	https://ezone.sharda.ac.in/ ezone- 2022/admin/naaccriteria/g etpdfdetails/naaccriterias pdf-2022- 2023:criteria_3.6.3.x:9_ DrSwati.PDF
19	2022- 2023	School of Dental Sciences	Community connect and Oral Health Awareness Program	13	https://ezone.sharda.ac.in/ ezone- 2022/admin/naaccriteria/g etpdfdetails/naaccriterias pdf-2022- 2023:criteria_3.6.3.x:10 DrSwati.PDF
20	2022- 2023	School of Dental Sciences	Community connect and Oral Health Awareness Program	15	https://ezone.sharda.ac.in/ ezone- 2022/admin/naaccriteria/g etpdfdetails/naaccriterias pdf-2022- 2023:criteria 3.6.3.x:11 Dr Swati.PDF
21	2022- 2023	School of Medical Sciences & Research	CME step up for Breastfeeding and Support	30	https://ezone.sharda.ac.in/ezone- 2022/admin/naaccriteria/g etpdfdetails/naaccriterias pdf-2022- 2023:criteria 3.6.3.x:Ima ge_015.pdf
22	20 <mark>22-</mark> 2023	School of Medical Sciences & Research	37th National Eye donation Fortnight- nukkad Naatak and poster competition	123	https://ezone.sharda.ac.in/ezone- 2022/admin/naaccriteria/g etpdfdetails/naaccriterias pdf-2022- 2023:criteria_3.6.3.x:Ima ge_014.pdf
23	2022- 2023	School of Medical Sciences & Research	National Nutrition week	246	https://ezone.sharda.ac.in/ ezone- 2022/admin/naaccriteria/g etpdfdetails/naaccriterias

					pdf-2022- 2023:criteria 3.6.3.x:ECR 2.pdf
24	2022- 2023	School of Medical Sciences & Research	Voluntary Blood donation Camp on Megadonation Drive	NA	https://ezone.sharda.ac.in/ ezone- 2022/admin/naaccriteria/g etpdfdetails/naaccriterias pdf-2022- 2023:criteria_3.6.3.x:ECR 001.pdf
25	2022- 2023	School of Medical Sciences & Research	Sexual and Reproductive Health awareness day	109	https://ezone.sharda.ac.in/ ezone- 2022/admin/naaccriteria/g etpdfdetails/naaccriterias pdf-2022- 2023:criteria_3.6.3.x:ECR 0007.pdf
26	2022- 2023	School of Medical Sciences & Research	CME and workshop on Diagnosis and Treatment of Leprosy- an integrated approach	120	https://ezone.sharda.ac.in/ ezone- 2022/admin/naaccriteria/g etpdfdetails/naaccriterias pdf-2022- 2023:criteria 3.6.3.x:ECR 0006.pdf
27	2022- 2023	School of Medical Sciences & Research	Glaucoma awareness week	200	https://ezone.sharda.ac.in/ezone- 2022/admin/naaccriteria/g etpdfdetails/naaccriterias pdf-2022- 2023:criteria 3.6.3.x:ECR of Glaucoma Awarenes s Week_On 12th_March to 18th_March_2023.pd f
28	2022- 2023	School of Medical Sciences & Research	World Health Day	63	https://ezone.sharda.ac.in/ezone- 2022/admin/naaccriteria/g etpdfdetails/naaccriterias pdf-2022- 2023:criteria_3.6.3.x:ECR World_Health_Day_on 5th_April_2023_00011pdf
29	2022-2023	School of Medical Sciences & Research	World Mental Health day	20	https://ezone.sharda.ac.in/ezone- 2022/admin/naaccriteria/g etpdfdetails/naaccriterias pdf-2022- 2023:criteria_3.6.3.x:ECR of World Mental Healt h Day on 10th Oct 2 0221_pdf

30	2022- 2023	School of Medical Sciences & Research	World Contraceptive Day	10	https://ezone.sharda.ac.in/ ezone- 2022/admin/naaccriteria/g
				1	etpdfdetails/naaccriterias pdf-2022- 2023:criteria 3.6.3.x:ECR 3 1.pdf
31	2022- 2023	School of Medical Sciences & Research	world AIDS DAY	19	https://ezone.sharda.ac.in/ ezone- 2022/admin/naaccriteria/g etpdfdetails/naaccriterias_ pdf-2022- 2023:criteria_3.6.3.x:ECR _World_Aids_Day.pdf
32	2022- 2023	School of Allied Health Sciences	"Awareness Camp about the Allied Health Science Courses as a career option for the science students"	98	https://ezone.sharda.ac.in/ezone- 2022/admin/naaccriteria/g etpdfdetails/naaccriterias pdf-2022- 2023:criteria_3.6.3.x:The Divine_Mother_Internati onal_School_Jewar_G B_Nagar_UP.pdf
33	2022- 2023	School of Dental Sciences	Oral Health Awareness Program	38	https://ezone.sharda.ac.in/ ezone- 2022/admin/naaccriteria/g etpdfdetails/naaccriterias pdf-2022- 2023:criteria 3.6.3.x:Apri 1 2023 Month 2 .PDF
34	2022- 2023	School of Medical Sciences & Research	Voluntary blood donation	28	https://ezone.sharda.ac.in/ ezone- 2022/admin/naaccriteria/g etpdfdetails/naaccriterias pdf-2022- 2023:criteria_3.6.3.x:Volu
					ntary Blood Donation C amp on Friday and Satu rday 24th and 25th M arch 2023 0001.pdf
35	2022- 2023	School of Medical Sciences & Research	Blood donation	7	https://ezone.sharda.ac.in/ezone- 2022/admin/naaccriteria/g etpdfdetails/naaccriterias pdf-2022- 2023:criteria 3.6.3.x:Volu ntary Blood Donation C amp on Monday 8th May 2023 0001.pdf
36	2022- 2023	School of Medical Sciences & Research	World Malaria Day	132	https://ezone.sharda.ac.in/ ezone- 2022/admin/naaccriteria/g etpdfdetails/naaccriterias_ pdf-2022-

					2023:criteria_3.6.3.x:Wor ld Malaria Day from 25 th April 2023 0001.pdf
37	2022- 2023	School of Medical Sciences & Research	world liver day	123	https://ezone.sharda.ac.in/ ezone- 2022/admin/naaccriteria/g etpdfdetails/naaccriterias pdf-2022- 2023:criteria_3.6.3.x:ECR WORLD LIVER DAY on_19th_April_2023.pdf
38	2022- 2023	School of Medical Sciences & Research	Women's Health Day	26	https://ezone.sharda.ac.in/ ezone- 2022/admin/naaccriteria/g etpdfdetails/naaccriterias pdf-2022- 2023:criteria_3.6.3.x:ECR Women_Health_Days_o n_06_03_2023_0001.pdf
39	2022- 2023	School of Allied Health Sciences	"Awareness Camp about the Allied Health Science Courses as a career option for the science students"	105	https://ezone.sharda.ac.in/ ezone- 2022/admin/naaccriteria/g etpdfdetails/naaccriterias pdf-2022- 2023:criteria 3.6.3.x:Shri Gandhi inter College Gori Bachhera G B N agar Dadri.pdf
40	2022- 2023	School of Allied Health Sciences	"Awareness Camp about the Health Hygiene and Allied Health Science Courses as a career option for the science students"	140	https://ezone.sharda.ac.in/ ezone- 2022/admin/naaccriteria/g etpdfdetails/naaccriterias pdf-2022- 2023:criteria_3.6.3.x:doc0 2028320230524174028 2pdf
41	2022-2023	University	"Speech Competition on Small Industry Day"	98	https://ezone.sharda.ac.in/ezone- 2022/admin/naaccriteria/g etpdfdetails/naaccriterias pdf-2022- 2023:criteria 3.6.3.x:Acti vity- 1 Speech Competition on Small Industry Day _2022-2023.pdf
42	2022- 2023	University	Rangoli competition on the World Pharmacist Day "Pharmacy united in action for a healthier world	85	https://ezone.sharda.ac.in/ ezone- 2022/admin/naaccriteria/g etpdfdetails/naaccriterias pdf-2022- 2023:criteria_3.6.3.x:Acti vity-

					2 Rangoli competition on the World Pharmacis t Day 2022-2023.pdf
43	2022- 2023	University	"A visit to CPHI PHARMA exhibition 2022"	44	https://ezone.sharda.ac.in/ezone- 2022/admin/naaccriteria/g etpdfdetails/naaccriterias pdf-2022- 2023:criteria_3.6.3.x:Acti vity- 3_A_visit_to_CPHI_PH_ARMA2022-2023.pdf
44	2022- 2023	University	"Creation of Road Safety Awareness through Posters and Rally"	17	https://ezone.sharda.ac.in/ ezone- 2022/admin/naaccriteria/g etpdfdetails/naaccriterias pdf-2022- 2023:criteria_3.6.3.x:Acti vity- 4_ Road_Safety_Awaren ess_2022-20231.PDF
45	2022- 2023	University	Speech Competition to create awareness of Road Safety	13	https://ezone.sharda.ac.in/ ezone- 2022/admin/naaccriteria/g etpdfdetails/naaccriterias pdf-2022- 2023:criteria 3.6.3.x:Acti vity- 5_Road_Safety_Awaren ess_2022-20231.PDF
46	2022- 2023	University	An awareness march on the occasion of road safety week 2023	45	https://ezone.sharda.ac.in/ezone- 2022/admin/naaccriteria/getpdfdetails/naaccriterias pdf-2022- 2023:criteria 3.6.3.x:Activity- 6 Road Safety Awaren ess 2022-2023.pdf
47	2 <mark>022-</mark> 2023	University	National Voters' Day	95	https://ezone.sharda.ac.in/ezone- 2022/admin/naaccriteria/g etpdfdetails/naaccriterias pdf-2022- 2023:criteria 3.6.3.x:Acti vity- 7 National Voters Da y_2022-2023.pdf
48	2022- 2023	University	Street Play for creation of Road	14	https://ezone.sharda.ac.in/ ezone- 2022/admin/naaccriteria/g

			Safety awareness		etpdfdetails/naaccriterias_
					pdf-2022- 2023:criteria 3.6.3.x:Acti vity-8.PDF
49	2022- 2023	University	Awareness march on World malaria Day	61	https://ezone.sharda.ac.in/ezone- 2022/admin/naaccriteria/g etpdfdetails/naaccriterias pdf-2022- 2023:criteria_3.6.3.x:Acti vity- 11_Awareness_march_o n_World_malaria_Day 2022-2023.pdf
50	2022- 2023	University	Speech competition on Safety and health at work	85	https://ezone.sharda.ac.in/ ezone- 2022/admin/naaccriteria/g etpdfdetails/naaccriterias pdf-2022- 2023:criteria 3.6.3.x:Acti vity- 12 Speech competition on Safety and health a t_work_2022-2023.pdf
51	2022- 2023	School of Medical Sciences & Research	Health awareness programme on nutrition in pregnancy	31	https://ezone.sharda.ac.in/ezone- 2022/admin/naaccriteria/g etpdfdetails/naaccriterias pdf-2022- 2023:criteria_3.6.3.x:ECR of HEALTH AWAREN ESS_PROGRAMME_O N_THE_TOPIC_NUTRI TION_IN_PREGNANCY on_2252023_from_103 0_AM_to_1230_PMpdf
52	2022- 2023	School of Medical Sciences & Research	Infertility awareness programme	96	https://ezone.sharda.ac.in/ezone- 2022/admin/naaccriteria/g etpdfdetails/naaccriterias pdf-2022- 2023:criteria 3.6.3.x:ECR of INFERTILITY AWA RENESS PROGRAMM E ON THE TOPIC FE RTILTY ISSUES F INDING SOLUTIONS on 3152023 from 1130 _AM_to 130 PM .pdf
53	2022- 2023	School of Medical Sciences & Research	Womens week	17	https://ezone.sharda.ac.in/ ezone- 2022/admin/naaccriteria/g etpdfdetails/naaccriterias pdf-2022- 2023:criteria_3.6.3.x:ECR

					Womens Week on 11 03 2023 0001.pdf
54	2022- 2023	School of Medical Sciences & Research	World Immunization week	110	https://ezone.sharda.ac.in/ezone- 2022/admin/naaccriteria/g etpdfdetails/naaccriterias pdf-2022- 2023:criteria_3.6.3.x:ECR of World Immuniza tion_Week from 24 04_2023 to 29_04_2023pdf
55	2022- 2023	University	Charity & Donation	250	https://ezone.sharda.ac.in/ ezone- 2022/admin/naaccriteria/g etpdfdetails/naaccriterias pdf-2022- 2023:criteria 3.6.3.x:Char ity Donation.pdf

Campus and Outreach Activities

SCHOOL OF DENTAL SCIENCES

DEPARTMENT OF PUBLIC HEALTH DENTISRY

CAMPS & OUTREACH ACTIVITIES (1st August 2023 to 31st May 2024)

Sr.l	No	CAMP PLACE	Rural Area Camp /School camp	DATE CONDUCTED	NO.OF PATIENTS EXAMINED & TREATED
1		Divyakulam Public School	School Camp	04.08.23	101
2	2	Dhamora	Rural Area Camp	10.08.23	116
3	3	Diamond Drill Public School	School Camp	18.08.23	160
4	1	Diamond Drill Public School	Scho <mark>ol Camp</mark>	19.08.23	74
5	5	Bhatola	Rura <mark>l</mark> Area Camp	21.08.23	60
6	5	Jagshanti Udayan Care	NGO Camp	23.08.23	46
7	7	Marguppur	Rural Area Camp	28.08.23	53
8	3	Kahira	Rural Area Camp	04.09.23	70

9	Mamvra	Rural Area Camp	06.09.23	52
10	Sultanpur	Rural Area Camp	11.09.23	63
11	Nangla Charanda	Rural Area Camp	12.09.23	36
12	Nausana	Rural Area Camp	18.09.23	87
13	Gangerua	Rural Area Camp	05.10.23	87
14	Sunhera	Rural Area Camp	12.10.23	76
15	Gangerua	Rural Area Camp	16.10.23	82
16	Hartoli	Rural Area Camp	26.10.23	71
17	Aidelpur Dhimri	Rural Area Camp	30.10.23	66
18	Driyapur	Rural Area Camp	06.11.23	65
19	Bilsuri	Rural Area Camp	20.11.23	79
20	Dadar	Rural Area Camp	24.11.23	49
21	Tilapta Greater Noida	Rural Area Camp	28.11.23	19
22	GD Goenka School	School Camp	30.11.23	400
23	GD Goenka School	School Camp	01.12.23	190
24	SWF-Devta	Ru <mark>ral A</mark> rea Camp	01.12.23	22
25	Pilakhanwali	Rural Area Camp	04.12.23	92
26	SWF-Santosh Nagar Dadri	Rural Area Camp	08.12.23	40
27	Pilakhanwali	Company Camp	11.12.23	84
28	SWF-Hindustan Times Corpration	Company Camp	12.12.23	30

29	Bilsuri	Rural Area Camp	28.12.23	102
30	Gaffargarhi	Rural Area Camp	08.01.24	89
31	Chandaru	Rural Area Camp	11.01.24	73
32	Kondu	Rural Area Camp	15.01.24	93
33	Aminagar	Rural Area Camp	18.01.24	64
34	SWF -Chauganpur	Rural Area Camp	23.01.24	30
35	SWF-Elentec India Private Limited	Campany	24.01.24	93
36	SWF-Elentec India Private Limited	Campany	25.01.24	76
37	Veerkhera	Rural Area Camp	29.01.24	79
38	Nawada	Rural Area Camp	05.02.24	90
39	Panchyatan Setellite Center	Setellite Center	07.02.24	29
40	DPS Models School	School	08.02.24	144
41	Surajpur (Medical Camp)	Urban Camp	8.02.24	21
42	Surajpur Ind. Area (Medical Camp)	Campany	09.02.24	40
43	PG Elec.Surajpur (Medical Camp)	Campany	10.02.24	96
44	Inayatgadhi	Rural Area Camp	12.02.24	71
45	Surajpur Ind. Area (Medical Camp)	Ca <mark>mp</mark> any	13.02.24	156
46	Shri Ram Vidyalaya	School	15.02.24	151
47	KVS Vidyalaya (Medical Camp) SSG,CISF	School	15.02.24	265
48	KVS Vidyalaya (Medical Camp) SSG,CISF	School	16.02.24	242
49	Electeech pvt G. Noida (Medical Camp)	Campany	17.02.24	185

50	SWF Camp	NGO	21.02.24	81
51	Kasna (Medical Camp)	Urban Camp	21.02.24	92
52	Shri Ram Vidyalaya	School	22.02.24	136
53	Dostpur	Rural Area Camp	26.02.24	136
54	Noida Sect. 62 (Medical Camp)	Urban Camp	29.02.24	33
55	Akahaya patra Foundation Dadri (Medical Camp)	NGO	02.03.24	65
56	Akbarpur	Rural Area Camp	04.03.24	107
57	Lava Sec-63 (Medical	Company Camp	09.03.24	63
58	Shekpur	Rural Area Camp	11.03.24	53
59	Palsera (Medical Ca <mark>mp)</mark>	Rural Area Camp	14.03.24	96
60	Hajipur (Medical <mark>Camp)</mark>	Rural Area Camp	16.03.24	71
61	Kasna Bus Depo (Event)	Urban Camp	19.03.24	80
62	Ambedkar Bhawan Tilpta (Medical Camp)	Rural Area Camp	21.03.24	37
63	Mohammadpur Kala	Rural Area Camp	01.04.24	125
64	Pavilliou & Inte.Pvt.Ltd (Medical Camp)	Company Camp	02.04.24	200
65	Government School Kulipura	School Camp	02.04.24	61
66	Rajkiya Balika Vidhalaya Noida (Medical Camp)	School Camp	05.04.24	141
67	Allipur Gijhauri	Rural Area Camp	08.04.24	94
68	Chhajarsi (Medical Camp)	Rural Area Camp	09.04.24	40
69	OPPO Ecotech (Medical Camp)	Company Camp	12.04.24	155
70	Dteda School (Medical Camp)	School Camp	12.04.24	115

71	Pacific Garments (Medical Camp)	Company Camp	13.04.24	109
72	Kamalpur	Rural Area Camp	15.04.24	89
73	Hozidpur Wazidpur (Medical Camp)	Rural Area Camp	19.14.24	70
74	Good Worth Ele.(Medical Camp)	Company Camp	20.04.24	50
75	Jayaanti Export Pvt Ltd	Company Camp	23.04.24	66
76	Basai Village (Medical Camp)	Rural Area Camp	24.04.24	71
77	Good Luck India PVT (Medical Camp)	Company Camp	27.04.24	71
78	Composite School Haibatpur (Me.Camp)	School Camp	30.04.24	111
79	Kazampur Devli	Rural Area Camp	06.05.24	123
80	Haldoni Bisrakh Primary School (Medical Camp)	School Camp	07.05.24	107
81	GD Goenka Public School, Swarn Nagari, Gautam Buddha	School Camp	13.05.24	273
82	GD Goenka Public School, Swarn Nagari, Gautam Buddha	School Camp	14.05.24	
				259
83	CRPF Camp Dadri (Medical Camp)	NGO Camp	16.05.24	25
84	Sarfarabad (Medical Camp)	Rural Area Camp	16.05.24	35
85	Appolo Pipeline Dadri (Medical Camp)	Co <mark>mp</mark> any Camp	17.05.24	105

3.3.3 Sports Facilities

Sports Society: https://www.sharda.ac.in/dsw/sports

The outdoor sports infrastructure facilities include, a cricket ground, football ground, four basketball grounds, five badminton courts and four volleyball grounds. There is a large open space for field and track sports that enables student-athletes to make full use of it to excel in Field and Track events. There is practically every sport activity for every student, irrespective of whether a student wishes to enhance his/her sports skills, or takes it as a stress-buster or to

attain greater fitness.

Indoor infrastructure includes a large size, fully air-conditioned gymnasium with most modern equipment. This facility is extensively used by the students. In addition, there are several indoor sports like, Squash Badminton, Table Tennis, Carom, Chess, etc. that are popular amongst students. Yoga sessions are guided under a trained yoga teacher for the students, faculty and staff.

Sports facilities are headed by qualified Assistant Director- sports. Sports officers and coaches who are responsible for day-to-day games and sports activities. For the students who excel in their respective sports at the State and National level, a trainer/coach is organized by the university. A sports calendar is prepared at the beginning of an academic year, ensuring that it doesn't overlap with the students' examination and other important academic events. Sports competitions are accordingly held as per the calendar.

Sharda University college teams take part in intra college and inter college/universities' competitions. Sharda University teams have been participating in AIU (Association of Indian University) Championships. A grand Annual Sports Fest, "Ojasvat" is held annually by the University, where teams of various colleges of neighboring States participate in increasing number.

The University has hosted 21st Senior National Women Football Championship (2015) and 72th Sr. National Men's Football Championship North Zone (2018).





3.3.3 Shared Sports Facilities

Foosball Table (indoor, activity centre)

Carrom & Chess Boards (indoor, hostel)

Table Tennis Tables (3 nos., indoor, hostel)

• Table Tennis Table (2 nos. indoor, activity centre)

Share sports facilities with the local community, for instance with local schools or with the general public.

Specification about Area/Size, Year of Establishment and User Rate					
Facilities for Games and sports (Outdoor and Indoo	or)				
Facility	Area (m²)	Year	User Rate (Per Day)		
Cricket Ground	11880	2009	35 to 200		
Football Ground	5450	2011	40 to 200		
Volleyball Courts (2 nos., outdoor)	312	2013	25 to 60		
	312	2013			
	480	2009	50 to 200		
Desiret Dell Courte (Amos entitles)	480	2009			
Basket Ball Courts (4 nos., outdoor)	512	2013			
	512	2013			
	128	2009	35 to 100		
	128	2009			
Badminton Courts (5 nos., outdoor)	128	2009			
	112	2015			
	112	2015			
Badminton Courts (3 nos., indoor, activity centre) Squash Court (2 nos., indoor, activity centre) Carrom & Chess Boards area (indoor, activity centre)	1401	2021	40 to 100		

Facilities for Fitness			
Facility	Area (m²)	Year	User Rate (Per Day)
Gymnasium (activity centre)	372	2016	25-50

28

93

2014

2014

20 to 50

25 to 50

Facilities for Yoga			
Facility	Area (m²)	Year	User Rate (Per Day)
	54	2015	
Yoga Rooms (4 nos block 7, block 21, block 22	1 <mark>56</mark>	2015	25-50
and activity centre)	124	2013	23-30
	82.8	2021	

Facilities for Cultural Activity						
Facility	Area (m²)	Year	User Rate (Per Day)			
Dance room (activity centre)	143	2014	25-50			
Drama room (activity centre)	118	2014	25-50			
Music room (activity centre)	103	2014	25-50			
Martial Art/Multipurpose room (activity centre)	135	2019	25-50			
Ceremonial Lawn (behind block 2)	2207.15	2014	1000			
Temple Premises (near block 22)	366.02	2012	320			

Auditorium						
Facility	Area (m²)	Year	User Rate (Per Day)			
Sh. Anand Swaroop Auditorium including Foyer Area (activity centre)	2555	2020	1180			
Dr. APJ Abdul Kalam Auditorium (block 3)	285.67	2005	235			
Visvesvaraya Auditorium (block 3)	285.67	2005	235			
Chanakya Auditorium (block 7)	376.7	2010	225			
Dhanwantari Auditorium (block 22)	280	2013	360			

3.3.4 Sexual and Reproductive Health Care Services:

Sharda School of Nursing Science and Research, Sharda University students actively participate in various events such as workshops, rally and skits to enhance awareness regarding various sexual and reproductive health care services. A total of five events in the form of training programs, workshops and seminars were organized in the year 2022. on 22nd April, a *Hands on Training programme* on "*Physical Examination of Antenatal Mothers*" was organized to obtain baseline data for mother and fetus health and to evaluate abnormal presentation and position.

On 15th July, an "Awareness program regarding Menstruation Hygiene and Personal Care" in collaboration with NGO (NIINE FOUNDATION)" was conducted to educate students about menstruation hygiene and personal care during which sanitary napkins are distributed. From 14th to 18th October, a 5 days workshop was conducted for B. Sc 4th year students on "Management of Obstetrical Emergencies and New Born Care" to provides a safe training environment in which a learner can be observed and be provided with the feedback necessary to improve. It also allows the learner to do tasks repetitively under supervision, till the desired level of competency is achieved.

On 18th October, "World Menopausal Day" on the theme "Brain Fog and Memory Difficulties in Menopause" The students of BSc IV Year gathered the post-menstrual females at the venue. Students performed Skits, Charts Presentations, and Poem Recitation which helps to spread awareness about Menopausal syndromes and the management of menopause to maintain a healthy and balanced life. On 17th November, "Cervical cancer awareness programme" was

conducted by B. Sc 4th year and PBBSc 2nd year students to spread the awareness about the disease and benefits or early vaccination. With a comprehensive approach to prevent, screen and treat, cervical cancer can be eliminated as a public health problem within a generation. In continuation with providing knowledge regarding antenatal care, a training session on "Setting up of Labour Room and its Protocol" was conducted on 10th December by the School to prevent cross infection and ensure safe delivery.

PICTURES OF THE EVENT



Cervical Cancer awareness Programme



World Menopausal Day

Awareness Programmes Conducted by Department of Obstetrics and Gynecology

- 1. Sexual Health Awareness in association with GNOGS on 12.2.2022
- 2. Cervical Cancer Awareness Programme on 17-11-2022
- 3. CME Step up for Breastfeeding and Support on 05-08-2022

Sexual and reproductive health care services for students

Name of social outreach programme	Description of the outreach activity	Document Link
Cervical Cancer Awareness Programme	As cervical cancer is the leading cause of deaths in women's of developed and developing countries Cervical cancer develops in a woman's cervix (the entrance to the uterus from the vagina). Almost all cervical cancer cases (99%) are linked to infection with high-risk human papillomaviruses (HPV), an extremely common virus transmitted through sexual contact. An estimated 570, 000 women were diagnosed with cervical cancer worldwide and about 31, 000 women died from the disease. Effective primary (HPV vaccination) and secondary prevention approaches (screening for, and treating precancerous lesions) will prevent most cervical cancer cases. The rally is going to spread the awareness about the disease and benefits or early vaccination. With a comprehensive approach to prevent, screen and treat, cervical cancer can be eliminated as a public health problem within a generation.	https://ezone.sharda.ac.in /ezone- 2022/admin/naaccriteria/ getpdfdetails/naaccriteria s_pdf-2022- 2023:criteria_3.6.3.x:Car vical_Cancer.pdf
CME Stepup for Breastfeeding and Support	Create awareness about early and exclusive breastfeeding among the community.	https://ezone.sharda.ac.in /ezone- 2022/admin/naaccriteria/ getpdfdetails/naaccriteria
World Contraceptive Day	The Department of Community Medicine along with the Department of Obstetrics and Gynaecology are organizing World Contraceptive Day on 26th September 2022 at the Catchment Areas of Urban Health and Training Centre (Bhangel) To create awareness regarding importance of "Family Planning" among females of reproductive age group. To sensitize the community about Family Planning and various contraceptives available.	https://ezone.sharda.ac.in /ezone- 2022/admin/naaccriteria/ getpdfdetails/naaccriteria s_pdf-2022- 2023:criteria_3.6.3.x:EC R 3_1.pdf

3.3.5 Mental Health Support

- Mental health and well-being are an integral part of our overall health. Most people tend to ignore this fact, and suffer from disorders such as depression, loneliness, marital/ relationship strife, peer performance pressure, bullying, racial / regional discrimination, work stress, anxiety, etc. There are people who might be going through a lot of stress, and are not able to maintain a work life balance.
- At Sharda University students and faculties are from the 36 States/UTs of India aand also across the globe, the role of Psychological Counselling Cell has become crucial to support the multicultural, collaborative, and diverse campus community by helping them to understand, appreciate and accept the cultural and linguistic diversity. The aim is to combat issues that youth and adults of today face, through psychological counselling cell.
- The Cell is assisted by a team of qualified and experienced psychological counsellors and clinical psychologists to provide a diverse range of customized solutions to help students, professionals and others to treat their mental health issues. The Cell adhere to the strictest of ethical and professional standards with regards to privacy, confidentiality and competence. The team includes Chief Psychological Counsellor, Counsellors, and Student Counselors/Coordinators. This cell ensures that every person of any age group, including students, faculty, and staff avail their services by providing effective emotional and psychological support. The services of the Cell are individual counselling, group counselling, workshops, supportive resources (referrals based on the psychiatric need), and advice for staff related to behavioural aspects.
- Sharda School of Nursing Science and Research (SNSR), Sharda University has organized World Mental Health Day to raise the awareness about the preventive steps and measures for suicidal ideation. These preventive measures can be implemented by the students to cope from the challenges which they are facing in day-to-day life. From 10th October 2022 to 14th October 2022 various competitions were planned for all the nursing students such as Poster Presentation, Comic Art Dance, Brew Bonding, Rally and Skit on 10th October 2022 World Mental Health Day was celebrated. The Chief Guest was Prof. Monika Sabarwal (Faculty CON, AIIMS New Delhi). She highlighted the fact that the mental health cases have been raised by 93% after Covid pandemic. She also talked about awareness of mental health within self, family, society and making the need for global priority.
- Brew Bonding were held on 12th October 2022. The event was to discuss about the upcoming trends, past experiences and many more. Everyone was served with coffee, snacks and they shared their experiences, leading to build the team spirit and stress buster.
- Poster Presentation and Comic Art Dance were held on 13th October 2022 where students made posters on the theme of World Mental Health Day and explained the poster they made.
- Rally and Skits were held on 14th October 2022. The skit was performed in community area i.e. Girdharpur Village, Janta Public School where the students actively participated in skit to spread awareness about the mental illness and management of it by the senior students. The rally was taken in the village area to spread awareness about the mental health in community people. The rally was attended by 158 students.

Photographs of the events:



World mental health day



Brew Bonding and Faulty Recognition



Poster Presentation





3.3.6 Smoke-free Policy

Have a 'smoke-free' policy

https://www.sharda.ac.in/attachments/igac/Ordinances_of_Sharda_University.pdf

Yes, University campus is Smoke-free, and students are liable to disciplinary action, including monetary penalty

- Smoking-free campus
- Smoking in designated areas

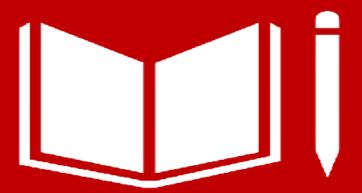
Extract from the University Ordinances regarding Code of Conduct:

- a. Indulgence in the activities prohibited by the University include:
- i. Organizing gatherings/meetings or processions without permission from the University;
- ii. Accepting membership of religious, terrorist, and anti-national groups prohibited by the University/Government;
- iii. Encouraging or indulgence in violence or any act of moral turpitude.
 - b. Possession of or carrying of or use of any weapon, potential weapons, ammunition, explosives or fireworks, contrary to law or University instructions on the campus or off- campus;
 - c. Possession or use of harmful chemicals and banned drugs;
 - d. Indulging in physical assault or threat to use physical force against any member of the teaching, non-teaching staff or any student of the University.
 - e. Indulgence in any form of gambling, bribing, or corruption in any manner;
 - f. Indulgence in absenteeism, unpunctuality, and resorting to mass bunking, and or boycotting examinations, or extra-
 - g. Smoking on the University campus or University provided transport;
 - h. Possessing, consuming, distributing, selling of alcohol on the University campus and/or throwing any empty/filled bottles inside the campus or on the University road, particularly with an intention to harm someone;
 - i. Parking a vehicle in a no parking zone or in area earmarked for parking other type of vehicles or bringing vehicle inside the University campus, without proper authorization;
 - j. Rash driving on the campus that may cause any inconvenience or injury to others;
 - k. Not disclosing a pre-existing health condition, either physical or psychological, to the Mentor/Warden, which may cause obstruction to the academics of either self or other students or putting them to any kind of risk;
 - 1. Theft of University property or the property of any student, staff and faculty;
 - m. Unauthorized access to the privacy or property of the University and other fellow students, Staff and Faculty members;
 - n. Misbehavior with other students, faculty and staff at any time, including at the time of University events or activities;
 - o. Engagement in disorderly, lewd, or indecent conduct including, but not limited to, creating unreasonable and loud noise; pushing and shoving of fellow students or any staff; inciting or participating in a riot or group disruption at the University premises.
 - p. Indulgence in any act that violates the dignity of or is derogatory to the women in general which may include any gesture, inappropriate behavior, any verbal or written communication including whatsapp messages, etc.; and
 - q. Violation of any provision of the Civil Right Protection Act 1976; which prohibits casteism and untouchability in any form or inciting any other person to do so.





4 QUALITY EDUCATION



Introduction

Sustainable Development Goal 4 is about quality Education. UNESCO discusses the 'key stake holders in education the youth and the students are key partners in achieving sustainable development goals for ensuring Quality Education for all.' Sharda University is continuously striving to effectively contribute to India's goal of achieving SDG 4 by 2030. There are numerous initiatives by the management, faculty members, administrators, and students that have led to tremendous growth in various metrics of SDG4. The university provides high-quality inclusive education contributing to national and global development. Sharda university is committed to preparing high quality professional in varied fields such as aw, medicine, business, engineering, teaching, pharmacy and so on by providing quality teaching and world-class infrastructure at all levels.



I. Technical/Vocational and Higher Education

The NEP 2020 talks about that every child learns at least one vocation and is exposed to severalmore. This would lead to emphasizing the dignity of labour and importance of various vocations involving /Indian arts and artisanship. (NEP 2020). Sharda University tries to build the Vocational base of the learners. There is emphasis on Art, Agriculture, Media, Radio, Dance and Drama at Sharda. As NEP 2020 points out we provide several choices to our learners to perform well in life. We strive to give a holistic education to our students by uniting their education to a lived reality. We make education more lively and practical to our learners. This reaps rich dividends to the students at Sharda by making them employable. Additionally, the computer labs also give our learners the opportunity to polish and maintain their computer literacy. Our students are tech-savvy so that they can compete in the outside worldand within the classroom more efficiently.

Sharda University exposes its students to different subjects by enrolling girl students in NCC and conducting different short term courses, seminars, workshops, internships and training sessions related to different vocations.



II. a. Performing Arts and Fine Arts

The University has nine Clubs under department of Student Welfare. Fine Arts club provides an opportunity to the students to let their imagination run wild and provides them with the sight to see things in a different way. Students learn from one another and share their prowess in different aspects of art. We have Dance Club and Dramatics Club, Natyakranti as well. Natyakranti, is a vibrant and inclusive club that serves as a creative hub for students with a passion for Theatre. It aims to create awareness about theatre and its various aspects in young enthusiastic students of the campus by bringing together people who are interested in the performing arts on a common platform. It also tries to address various social causes by understanding the dynamics and nuances of the world around us. These Clubs perform and organize various events and competitions throughout the semesters.



III. b. Crafts

Sharda University is also sensitive to the craft based education. The Head, Heart and Hand areactive in the process of Education as per Gandhi's View of Education. We also try to implement this principle. There is training imparted for carpentry, candle-making, basket weaving, mat-making, jewellery-making, bead-making, making best out of waste, etc. Moreover, teaching aids of





different types are also devised in School of Education, Sharda to make the process of learning meaningful. We incorporate art-integrated Pedagogy. Also, we had workshops for Mandala Art.

IV. Equal Access for all

Inclusion is an important ideal of this University. At Sharda University, both the students and faculty members find ample opportunities to participate in upskilling, continuous professional development and lifelong learning opportunities. The university facilitates meritorious students from low income groups and underrepresented communities by providing scholarships at different levels. In addition, the university offers numerous scholarships for students who demonstrate exceptional performance in academics and/or sports. It has been noted that students from marginalized nations are helped to study at Sharda University. Moreover, the outstation and foreign students are accommodated in Sharda Hostel.

V. Technology Based Pedagogy and Pedagogy

At Sharda, School of Education, we believe in technology based Pedagogy based on Digital Lesson Plans. Teachers use technology to provide students with access to academic and research materials through digital libraries and online databases. It is also used to help students develop digital literacy, which includes learning how to use productivity tools, navigate platforms, and

communicate digitally. The use of technology has improved communication and collaboration between students, teachers, and parents. Some examples of technologies used in Sharda University include: Artificial intelligence (AI), Virtual reality (VR), Learning analytics, Digital platforms, and Online educational resources (OER).

At Sharda University one also achieves milestones through self -directed learning. Seminars, conferences, paper presentations to enhance our academic environment.

Moreover, through Mentoring we bring the learners at par with their own goals. Mentoring about quality interactions and based on values like trust, love and peace.

Furthermore, the teachers also learn from the learners through democratic teaching pedagogies. A dialogue not only ensures equality but also co-creation of knowledge. Sharda prefers the Problem Posing Education as opposed the Banking concept of Education. As we believe that each student bringshis unique interests, experiences and knowledge to the table of Education, where a sharing can take place. Our learners are active, innovative and bright. They offer their own ideas and understandings which enhances our teaching- leaning environment and builds the repertoire of knowledge and wisdom.

Further, we also continually strive tirelessly to upgrade the curriculum. As this helps us in fitting our curriculum to the needs and desires of our learners. We are centred on the learners. Our core is student-centric as per NCF guidelines.

Our teachers are also constantly innovating their teaching methods that they learn from various faculty development programs offered or sponsored by the university or through online courses sponsored by the university or institutional seminars and workshops. These pedagogical innovations help create an inclusive and engaging learning environment.

VI. Critical Consciousness

A prominent aim of education is to develop students as reflecting and thinking members of the society at large. In addition, it also expects the students to develop an orientation towards open-mindedness and a willingness to accept responsibility for self-directed learning as well as foster a keen sense of observation, critical thinking and reasoned analysis. With the same vision, the School of Education, Sharda University, has initiated to publish the Reflective Journal of Students 'MIND MIRAGE'. The benefits of this "consciousness raising" are that students learn to chart their development, identify barriers, patterns and strategies, challenge their own beliefs and avoid repeating the same mistakes. The main purpose of using reflective journals in education is to encourage students to be more aware of what they do, how they do it, why they do it, and for them to be able to identify useful problem solving strategies, as well as recognize their own strengths and weaknesses with regard to their understanding of content knowledge, procedures and practical skill development and application.

VII. Gender Sensitization

Gender is a societal term which Sharda is quite sensitive about. It helps us understand the diversity that exists in society. There are 40 per cent girl students in our University. Also, the University works towards Gender Sensitization. This also moves us to organize the Gender sensitization workshops to bring about GenderParity among student and faculty members. Moreover, there are



scholarships available for the single girl child. Further, there are Grievance Cells to look at the Gender issues that the University faces. Moreover, there is almost an equal representation of both the genders working as employees in Sharda University.

VIII. Research

Sharda University values research in higher education. 'The research development cell supports all kinds of scholarly activities like fundamental research, applied research and development contract research for government, non- governmental and international agencies. There are consequently many seminars to disseminate knowledge. The community connect and projects also build the process of research.

Faculty members are motivated and encouraged to write and publish high quality research papers. The university provides motivation to such faculty members by giving incentives and appreciation. Our faculty is engaged in world-class research in various fields in collaboration with various other eminent institutes as well.

The university is committed to enhancing the quality of research produced by both its faculty and students. Many of the faculty boast impressive h-index scores, with their work widely cited across the globe. Sharda University consistently generates a significant volume of research published in top-tier journals, reflecting its academic excellence, exceptional output, and remarkable global impact. In 2022-2023 the university reported an astonishing 83 collaborations for research with other national and international institutions of repute. The faculty members at the university were engaged in 43 research projects funded by government and non-government organizations.



Published Research Papers under SDG 4

Sr. No	Year	Title of paper	Name of the author/s	Name of journal	ISSN number	Link of particular paper
1	2023- 2024	Development of	Nidhi	International Journal of	0976-	https://link.spring er.com/article/10.
	2024	a new task scheduling in	Bansal and Ajay	System	4348, 0975-	1007/s13198-023-
		cloud	kumar	Assurance	6809	02068-y
		computing	Singh	Engineering	0007	02000 j
			C	and		
				Management		
2	2023-	Analysing The	Surya	Asia Pacific	2204-	https://journal.ach
	2024	Impact of	Kant Pal,	Journal of	3136	sm.org.au/index.p
		Student Health	Amit	Health		hp/achsm/article/
		Post COVID-19 Pandemic And	Kumar	Management		view/2411
	\	Providing A	Attri, R <mark>ita</mark> Roy,			
		Solution Using	Varun			
		Digital	Mohan,		/	
		Technologies	Santosh		/ /	
	1		Kumar,			/
			Ajay			
			Kumar		and the second	
			Badhan,			
			Manish Mohan			***
			Baral,			
			Subhodee			
			p			
			Mukherje			

3	2023- 2024	Exploring student community	Prabhat Mittal and Rachna	International Journal of Experimental	2455- 4855	https://qtanalytics .in/journals/index. php/IJERR/article
		engagement in	Bansal	Research and		/view/2491
		higher education: A	Jora	Review		
		bibliometric			/	
		analysis on the				
		path to				
		sustainable development				
4	2023-	The	Alka and	African	2663-	https://www.afjbs
	2024	Effectiveness of	Rinkal	Journal of	2187	.com/issue-
		Teacher	Sharma	Biological		content/the-
		Training Initiatives in		Science		effectiveness-of- teacher-training-
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		Service				relation-to-in-
		Teachers				service-teachers-
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5	2022-	Scarabaeus	Seham	Emerald	2045-	https://www.emer
	2023	Sacer: an iconic green brand	Ghalwash, Ayman	Emerging Markets Case	0621	ald.com/insight/c ontent/doi/10.110
		advocating	Ismail and	Studies Studies		8/EEMCS-10-
		sustainability in	Mohit			2021-
		the era of digital	Maurya			0334/full/html
		economy and				
		connectivity				
	2022				20.15	
6	2022-2023	Leverage Edu:	Deepa Kumari	Emerald	2045- 0621	https://www.emer ald.com/insight/c
	2023	caught between novelty and	and Ritu	Emerging Markets Case	0021	ontent/doi/10.110
		efficiency	Srivastava	Studies Studies		8/EEMCS-05-
		, and a second				2022-
					a series and the series and the series and the series and the series are series and the series are series and the series are series	0162/full/html
				and the second		

7	2022- 2023	An Efficient Sentiment Analysis Technique for Virtual Learning Environments using Deep Learning model and Fine-Tuned EdBERT	Gaurav Srivastav, Shri Kant and Durgesh Srivastava	International Journal of Intelligent Systems and Applications in Engineering	2147- 6799	https://ijisae.org/i ndex.php/IJISAE/ article/view/2808
8	2022-2023	Agatsa Software: entrepreneurial opportunity generation and exploitation	Anshul Mathur, Raj K. Kovid	Emerald Emerging Markets Case Studies	2045- 0621	https://www.emer ald.com/insight/c ontent/doi/10.110 8/EEMCS-11- 2020- 0413/full/html
9	2022-2023	Stress Experienced by Parents of Children Diagnosed with a Learning Disability- A Study	Rajesh.E, M. Esther Kalyni Asirvada m, G.M.R. Josephine, Priti Verma, Naveen Kumar M.	Journal for ReAttach Therapy and Development al Diversities	2589- 7799	https://www.jrtdd. com/index.php/jo urnal/article/down load/135/117
10	2022-2023	Role of Physiotherapy and palliative care in forensic psychiatry: A Descriptive study	Ritika Indoria, Sumedha Rabra, Meenaksh i Verma	International Journal of Medical Toxicology& Legal Medicine	0972- 0448	https://www.india njournals.com/ijo r.aspx?target=ijor :ijmtlm&volume= 26&issue=3and4 &article=007
11	2022-2023	Investigating sustainable development for the COVID-19 vaccine supply chain: a structural equation	Subhodee p Mukherjee , Manish Mohan Baral, Venkataia h	Journal of Humanitaria n Logistics and Supply Chain Management	2042- 6747	https://www.emer ald.com/insight/c ontent/doi/10.110 8/JHLSCM-08- 2021- 0079/full/html

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	approach	, Surya		
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		Ramji		
		Nagariya		

IX. University Operations

Sharda University undertakes all operations necessary to carry out the University's academic, health, safety, and administrative functions. Internal Quality Assurance Cell additionally, in the University ensures conscious, consistent and catalytic improvements in overall functioning of the University

Our University also gives financial aid to the needy students collaborating with various banks. We have a rich collection of books and resources that works as a pool of knowledge. Our library organizes many programmes and workshops on how to use the resources of our library. Additionally, we engage in Skill development programmes as well. University has well-structured committees which cater for its smooth functioning. The Learning Management System, the Teaching Learning Centre, Research Development Centre etc facilitates the students and the teachers to enhance their productivity. The University also provides Medical Leave, Sick Leave, Vacation Leave, Holidays, special Academic leaves, paid maternity leaves etc.

X. Entrepreneurship and Inclusion

Entrepreneurship is the ability (i.e., knowledge plus skills) of a person to translate ideas of commencing a business unit into reality by setting up a business on ground to serve the needs of society and the nation, in the hope of profits (nios.ac.in). The Sharda Launchpad has a strong commitment towards entrepreneurship. This is achieved through short-term programmes, interviews, speaker sessions, competitions, industry interface, mentoring etc. Entrepreneurship is linked to industryand the curriculum is based on the needs of the University. There is also hands-on-training.

Inclusion is an important ideal of this University. It has been noted that students from marginalized nations are helped to study at Sharda University. Moreover, the outstation and foreign students are accommodated in Sharda Hostel. The University facilitates admission of differently-abled persons in various courses; provide guidance and counseling sevices; creates awareness about the needs of differently abled persons, and other general issues concerning their learning and also assists differently-abled graduates to gain successful employment in the public as well as private sectors.

XI. Multidisciplinary Research

Research has been an integral element for higher education at Sharda University since the time of its inception. The Research Development Cell at Sharda provides a vigorous and highly visible research environment to its students with an objective to research culture and develop the habit of leadership within the university. The cell supports all kinds of scholarly activities like fundamental research, applied research and development contract research for government, non-government and international agencies.

Over the years the research efforts have expanded to include sponsored research and consultancy projects in multiple disciplines like in the field of Science, Engineering, Technology and Management.

The University continues to branch out its research vision with new faculty members/researchers and implementing new policies designed to improve the research infrastructure and also through new academic & industry collaborations. The University with their researchers and other teams continues to regularly welcome external partners who support our vision by sharing ideas, pooling resources, and collaborating on findings promoting innovative research.

The centre of excellence for cyber security and cryptology aims at the promotion of interdisciplinary research and training. It calls for a unique blend of theory and industrial practice. There are multidisciplinary approaches followed with Maths, Statistics, Computer Science and Communication along with Artificial Intelligence. There are also multi-disciplinary approaches planned out to combinethe various schools in Sharda University.

XII. Innovation

The University aims to identify and support innovative ideas of students, alumni, faculty and innovators from the outside community at various levels. In order to achieve the cultural and attitudinal shift and to ensure that 'Innovation and Startup' culture is the primary fulcrum of our University. Innovation cell of Sharda University works to promote a culture of innovation in all its schools.

It identifies and reward innovations, and share success stories. It not only organizes events such as hackathons, idea competitions, and seminars but also creates a mentor pool for student innovators. University's Innovation cell networks with peers and entrepreneurship development organizations.





XIII. Business Incubator Centre

Here there are sessions organised by industry experts. Regular Workshops and Events are also organised to enable to augment the entrepreneurial spirit among the candidates. Under the able guidance of faculty members candidates are taught the finer nuances of business development. Thus, there is a level of mentoring that additionally goes on. 'In addition, the institutions also provide infrastructural support i.e. office space, meeting room to the candidates. At every step, the individuals are mentored and nurtured for their acquiescent business ideas.' (sharda.ac.in).



Holistic Education

Sharda University organizes enhancement programmes from time -to- time on life skills to cope with life and add quality to life. These include programs on healthy living, physical, psychological well-being, managing stress, nutrition and immunity etc. Also, polishing soft skills like leadership, decision-making and reasoning has been one of the endeavours of the radio channel at Sharda University, where Education and Community meet. Further, health camps are organised on a regular basis by the various schools to promote the idea of health andfitness. Additionally, Games and Sports, Yoga are important. Furthermore, there is a Counselling Cell and a Centre for Well-being in the School of Humanities.



Credit Transfers

Government of India, Under National Education Policy-2020, intends to enable students across the nation with the "Academic Bank of Credits" (ABC) system for fulfilling their thirst for knowledge by providing academic flexibility to pick and modify their educational paths, link diverse disciplines, and; assist them in acquiring the proper foundations and building blocks for their ambitions. The "AcademicBank of Credits" (ABC) is an educational digital platform created to facilitate students' seamless mobility between or within degree-granting Higher Education Institutions (HEIs) through a formal system of credit recognition, credit accumulation, credit transfers, and credit redemption in order to promote distributed and flexible teaching and learning. The ABC platform will provide students (having a Digi Locker account) with the opportunity to register for a unique ABC ID, an interactive dashboard to see their credit accumulation, and options to begin a choice-based credit transfer mechanism.' (sharda.ac.in).

Awards and Accreditation for Quality Education (Few out of Many)















Sharda University

Sharda University, established in 2009, accredited with A+ grade by the National Assessment and Accreditation Council (NAAC) and 86th Rank by NIRF, has become one of the leading centers of education, research and innovation in Delhi NCR region. Established through an act of State Legislature of Uttar Pradesh (14 of 2009), Sharda University offers more than 130 UGC recognized degrees in programme like Engineering, Management, Medical, Dental, Integrated Law, Architecture, Design, Journalism & Mass Communication, Computer Applications, Basic Sciences, Nursing, Biotechnology, Food & technology, Pharmacy, Physiotherapy, Paramedical, Education, Languages, Animation and Visual Arts. The University is truly global University in India with students from 95+ countries, and academic partnerships with more than 250+ universities across the world – the USA, Canada, the UK, Russia, etc. Gender is one of the key areas of research in Sharda University highlighting to resolve different aspects of gender inequalities and discrimination.

Students from 95+ countries

Sharda University promotes the gender equality amongst its employees and the students. The University maintains a good ratio of males and females in respect of students (58:42), for teachers 53:47 and for non- teaching staff, 60:40. To ensure the safe and secure campus for female students and employees several steps are implemented. There are good number of CCTV cameras deployed at strategic points to record the movements regularly which is further monitored by security personnel team in the central control room. To support the safety,

especially for women, security officials and the warden staff in the hostels are sensitized for reporting and taking care of any input from control room. There is 24x7 vigil on unauthorized persons and suspicious conduct inside the campus through CCTV and security staff. There is an Internal Complaint Committee (ICC) which undertakes measures for strengthening the safety and security of women on the campus and also resolve the specific cases of complaints, if any, from female students/employees regarding sexual harassment. ICC also participates in orientation program and spreads the awareness on gender related issues through seminars, group discussions, debates. There are courses in the schools of the University which have gender related issues. Every school organizes events on gender equality and gender sensitization among students

Research on gender equality

There is good amount of research activities and record of published work by faculty and students. This progress is because of the research infrastructure provided by the University to facilitate the faculty for experimentation and studies. The male or the female employees are given equal opportunities to use the research facilities. Particularly, the University has good number of female employees and faculty members who have successfully maintained quality publications. The amount of citation further reflects the quality of research in the University.

Proportion of female authors – The female teaching staff constitute approx. fifty percent of the total teaching staff in the University. Hence the publication is also higher by female faculty members working in various schools across the University. Such research published by faculty in sharda is cited by scientists in their studies.

Research Article

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The Role of Artificial Intelligence in the Purchasing Behavior of Consumers in India

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ABSTRACT: In order to maximise the use of billions of customer records, AI-enabled customer journey analytics finds patterns in the data, generates very precise future forecasts, and highlights the key elements and possible roadblocks. In addition to helping businesses enhance customer loyalty and revenues, improve operational efficiency, improve decision-making, and deliver more relevant products and services, AI also helps businesses reduce their customer turnover rate.

Since AI significantly contributed to redefining customer service in recent years, studies in this area have grown in popularity. A few research do, however, point out the important causes behind this evolution in the concept of customer experience. In order to address this gap in the academic literature, this study focuses on how a personalised approach to customer demands, improved service quality, and seamless service abilities acquired by AI have been able to give a better experience for the consumers.

KEYWORDS: Artificial Intelligence, Purchasing Behavior, Purchasing behavior of Consumers

1. INTRODUCTION

The growth of digital transformation in recent years has caused a significant shift in the corporate paradigm. Artificial intelligence (AI), which enables better data extraction, investigation, and utilisation, leading to more accurate forecasts and performance in the market environment, has had a huge impact on the present technological revolution. Artificial intelligence is a branch of computer science that aims to build intelligent computers that can do jobs that need human intellect. Another definition of artificial intelligence is the process of "developing systems that are endowed with the intellectual processes characteristic of humans, such as the ability to reason, discern meaning, generalise, or learn from prior experience." Artificial intelligence has been increasingly used in marketing recently to increase consumer value through deep learning. As market competition has grown, customer satisfaction has developed into the cornerstone of every business strategy.

According to the definition, customer experience is "the sum of all customer encounters with the company, based on all customer contacts and views about the company." 95% of all client interactions are expected to take place through channels supported by artificial intelligence by 2025. By making the consumer experience more friendly, useful, and engaging, artificial intelligence helps to increase customer satisfaction and loyalty.

2. LITERATURE REVIEW

In order to further the theoretical discussion in consumer research, Bag S, Srivastava G, Kumari S, et al.2022 used primary data gathered from consumers in a developing nation (India) to conduct a study and test their theoretical model. The results of the study demonstrate that using AI technology has a favourable link with user engagement and conversion, which is further established by the study's empirical testing.

The empirical study on the impact of artificial intelligence on impulsive purchasing decisions was carried out by Jain S. and Gandi A. in 2021 using an online poll of Indian consumers. Multiple regression analysis and factor analysis were used to analyse the data that was obtained. The end result demonstrates the relationship between the application of artificial intelligence parameters, such as the duration of the purchase, recommended products, product information, and human interaction, and its impact on impulse purchases. The results showed that all of these parameters, with the

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Assembling a global database of child pneumonia studies to inform WHO pneumonia management algorithm: Methodology and applications

Helena Martin¹, Jennifer Falconer¹, Emmanuel Addo-Yobo³, Satinder Aneja¹, Luis Martinez Arroyo⁴, Rai Asghar¹, Shally Awasthi⁶, Salem Banajeh⁷, Abdul Bari⁸, Sudha Basnet^{0,10}, Ashish Bavdekar¹¹, Nita Bhandari¹⁾, Shinjini Bhatnasar¹¹, Zulfigar A Bhutta¹⁸, Abdullah Brooks¹⁵, Mandeep Chadha¹⁶, Noel Chisaka¹⁷, Monidarin Chou^{16,19}, Alexey W Clara²⁰, Tim Colbourn¹¹, Clare Cutland^{20,20}, Valérie D'Acremont²⁴, Marcela Echavarria¹⁵, Angela Gentile¹⁶, Brad Gessner²⁷, Christopher J. Gregory³¹, Tabish Hazir³¹, Patricia L. Hibberd³¹, Siddhivinayak Hirve¹¹, Shubhada Hooli¹³, Imran Iqbat²³, Prakash Jeena¹⁴, Cissy B Kartasasmita³⁵, Carina King^{36,37}, Romina Libster³⁰, Rakesh Lodha¹⁴, Juan M Lozano¹⁰, Marilla Lucero⁴¹, Norman Lufesi⁴⁷, William B MacLeod¹⁰, Shabir Ahmed Madhi⁴³, Joseph L Mathew¹⁴, Irene Maulen-Radovan⁴, Eric D McCollum^{15,88}, Greta Mino⁽²⁾, Charles Mwansambo⁴¹, Mark I Neuman⁴¹, Ngoc Tuong Vy Nguyen⁴⁹, Marta C Nunes^{18,01}, Pagbajabyn Nymadawa³⁰, Kerry-Ann F O'Grady²¹, Jean-William Pape⁵¹, Glaucia Paranhos-Baccala¹³, Archana Patel¹⁴, Valentina Sanchez Picot¹³, Mala Rakoto-Andrianarivelo¹⁵, Zeba Rasmussen⁵⁶, Vanessa Rouzier Graciela Russomando⁵³, Raul O Ruvinsky⁵⁸, Salim Sadruddin⁵⁵ Samir K. Saha^{M,a)}, Mathuram Santosham^{R)}, Sunit Singhi^M, Sajid Soofi²⁴, Tor A Strand⁵⁶, Mariam Sylla⁵⁶, Somsak Thamthitiwar⁵⁷, Donald M Thea¹⁰, Claudia Tumer¹¹, Philippe Vanhems^{10,70}, Nitya Wadhwa¹¹, Jianwei Wang²¹, Syed MA Zaman²¹, Harry Campbell¹, Harish Nair¹, Shamim Ahmad Qazi¹⁸, Yasir Bin Nisar²¹0; World Health Organization Pneumonia Research Partnership to Assess WHO Recommendation (PREPARE) study group

Affiliations of authors are listed at the end of the manuscript.

Correspondence to:

Yasir Bin Nisar Department of Maternal, Newborn, Child and Adolescent Health and Ageing World Health Organization Geneva, Switzierland nisary@who.int Background The existing World Health Organization (WHO) pneumonia case management guidelines rely on clinical symptoms and signs for identifying, classifying, and treating pneumonia in children up to 5 years old. We aimed to collate an individual patient-level data set from large, high-quality pre-existing studies on pneumonia in children to identify a set of signs and symptoms with greater validity in the diagnosis, prognosis, and possible treatment of childhood pneumonia for the improvement of current pneumonia case management guidelines.

Methods Using data from a published systematic review and expert knowledge, we identified studies meeting our eligibility criteria and invited investigators to share individual-level patient data. We collected data on demographic information, general medical history, and current illness episode, including history, clinical presentation, chest radiograph findings when available, treatment, and outcome. Data were gathered separately from hospital-based and community-based cases. We performed a narrative synthesis to describe the final data set.

Results Forty-one separate data sets were included in the Pneumonia Research Partnership to Assess WHO Recommendations (PREPARE) database, 26 of which were hospital-based and 15 were community-based. The PREPARE database includes 285839 children with pneumonia (24+323 in the hospital and 41516 in the community), with detailed descriptions of clinical presentation, clinical progression, and ourcome. Of 9185 pneumonia-related deaths, 6836 (7+%) occurred in children <1 years of age and 1317 (14%) in children aged 1-2 years. Of the 285839 episodes, 280998 occurred in children 0-59 months old, of which 129584 (46%) were 2-11 months of age and 152730 (5+%) were males.

Leverage Edu: caught between novelty and efficiency

Deepa Kumari and Ritu Srivastava

t was the beginning of October 2021 - the season of humid afternoons and pleasant breezy evenings. Akshay Chaturvedi was deeply engrossed in a discussion on Leverage Edu with his co-founder Rajeev Ganjoo at his Gurugram office in Haryana, India. Chaturvedi found himself in a tricky situation. On the one hand, he was delighted that Leverage Edu had raised equity funds, venture debts and growth capital of over US\$10m in the past three years, at a valuation of US\$14.9m (Medhi, 2021; Leverage Edu, Traxon). On the other hand, he felt the pressure of using the funds in the best way possible. Chaturvedii needed to determine Leverage Edu's primary short-term strategy to define how it would develop in the next five years. Competing firms were taking the same steps as his company, and there was a visible surge in the number of students applying to foreign universities. Additionally, there was a threat of forward integration by leading EdTech companies, such as BYJU's and Unacademy, looking to enter the higher education space.

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In this regard, Chaturvedi had to decide whether to focus on increasing traffic by targeting Tier II and III cities, increasing the number of universities on the list and partnering with more mentors (Best Country to Study and Work for Indian Students, 2021), or concentrating on building a novel platform that would offer a range of complementary services, including arrangement for visa-related services, accommodation, student loans and other allied services. He could also choose to focus on both strategies simultaneously. He concluded that making a decision was difficult, but that it had to be made quickly, as there was little time at hand. An increasing number of students were vying for admissions, and competitors would soon move a step ahead and change the game forever.

Akshay Chaturvedi

Chaturvedi grew up as part of the Indian bourgeois. His parents insisted that he read English literature classics to improve his language skills. He differentiated himself as a member of the middle class and decided that he would do something related to education for the middle class when he grew up (Chakraborty, 2020):

If ever there was a problem that I was going to solve, it was to be in education, aimed towards the middle India [...] those who aspire to and successfully transform their children's future (Chakraborty, 2020).

Years later, Chaturvedi, a student at the Indian School of Business (ISB), Hyderabad, where he was also the director of the student board, began to identify business opportunities in higher education. His cause began to see the light of day as he began manifesting his ideas into action. However, he also recognized the challenges of breaking into the higher education market, which he described as "a huge white space, tough to crack and difficult to build solid moats" (Chakraborty, 2020).

solely for educational purposes and is not intended to represent successful or unsuccessful The authors may have disguised names; financial and other recognisable information to protect confidentiality.

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The impact of digital transformation on workforce engagement in Indian banking sector

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Abstract

The banking business is undergoing a massive digital shift. To stay ahead of the curve in a market that is always shifting and developing, firms must priorities components of

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Proportion of first-generation female students

Sharda University has 16000+ strength of students in which female students are in good number with a 57:43 ratio. The proportion of first generation female students comes to 1720/2319 = 0.74 reflecting good indication towards girl child education. Since day one in the University students are provided with 24x7 safety, academic and hostel facilities. Digitalization of library facilities makes the services to students fast. Advanced technology and latest IP cameras make the campus safe and productive that female students can concentrate on their academics.

Main Gates with Security staff



Restricted entry & exit only through ID card



Restricted entry at main Gate



Restricted entry at Hostels



Boom barrier for vehicle entry check



CCTV across the campus



Summary of Camera & NVR (2022-23) No. of IP SL No. Location/Building NVR Camera Block-1 Block-2 Block-3 Block-4 Block-7 Block-21 Block-45 Campus Open Areas PG Hostel Mandela Boys Hostel Mandela Girls Hostel Jawahar Hostel Sarojini Hostel Tagore Hostel Vivekananda Hostel Indira Girls Hostel Kasturba & Mother Terresa Hostel Vardhman Hostel Hospital & SMSR Total

(CCTVs purchase sample invoices)

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3	Hard Disk 4TB -SportVilla14		1	Nos	800	800.00
4	Door lock with Display - Sport Villa		2	Nos	4000	8000.00
-	Camera Honeywell 2MP -E2/16		23	Nos	950	21850.00
6	NVR 32 Ch Honeywell -E2/16		1	Nos	3000	3000.00
7	Hard Disk 4TB -E2/16		1	Nos	800	800.00
8	Door lock with Display F3/16		1	Nos	4000	4000.00
9	IP Camera -601		4	Nos	950	3800.00
10	NVR 8 Ch -601 INWARD	Acres de la constitución de la c	1	Nos	2000	2000.00
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0.7	Account Number : 920020070614834	-		F	or US INFO	TECH
	Account Name : US INFOTECH			FO	1 15	- 01
	Bank Name : AXIS BANK (AURIAYA BRA	ANCH)			1	Signatory
RTG	S/NEFT IFSC Code: UTIBO002898			Auth	oriset Sign	atory
	of oran Polyne	O late	1/20%	V/		

Tax Invoice

(ORIGINAL FOR RECIPIENT)



ABRARI GADJET TRADING PRIVATE LIMITED B-61 2nd, Floor, Kalka Ji New Delhi-110019 Company's PAN: AARCA9154H GSTIN/UIN: 07AARCA9154H1ZB State Name: Delhi, Code: 07 E-Mail: info@gadjetsolutions.com www.gadjetsolutions.com

Consignee (Ship to)

Sharda Educational Trust (Sharda University) Piot No -32,34 KP-III GREATER NOIDA-201306

GSTIN/UIN : 09AAAT: State Name : Uttar Pra

: 09AAATS5294C3ZB : Uttar Pradesh, Code : 09

Dated AGTPL/22-23/643 3-Aug-22 Delivery Note Mode/Terms of Payment 30 Days Other References Reference No. & Date. Mr. Abhishek Buyer's Order No. Dated SHSUN-0000019877 3-Aug-22 Dispatch Doc No. Delivery Note Date Na Dispatched through Destination By Surface **Greater Noida** Bill of Lading/LR-RR No. Motor Vehicle No. DL01LV2317

Buyer (Bill to)

Sharda Educational Trust (Sharda University) Plot No -32,34 KP-III GREATER NOIDA-201306

GSTIN/UIN State Name

: 09AAATS5294C3ZB : Uttar Pradesh, Code : 09 Terms of Delivery
1 Days

SI No.	Description of Goods	HSN/SAC	GST Rate	Quantity	Rate	per	Amount
1	BULLET CAMERA Hikvision, Model No05-2003121604 (Bullet) s/N-G81284556, G82318636 G82318381, G82318637 G82318633	85258020	18 %	5 nos	3,300.00	nos	16,500.00
	IGST OUT PUT @ 18% CENTRAL STORE				18	%	2,970.00
		A CONTRACTOR OF THE PARTY OF TH		WORD A UNIVE			
1	Date 10/08/22 Sign & under kune	30	No	10004			
	S.No. 1917 Date 10/08/22 Sign & woder kma 3-0-22		cirili	<u>5.</u>			
_	Total			5 nos			₹ 19,470.00

Amount Chargeable (in words)

INR Nineteen Thousand Four Hundred Seventy Only

Victor B	Taxable Value	Integr	ated Tax	Total Tax Amount
		Rate	Amount	
	16,500.00	18%	2,970.00	2,970.00
Total:	16,600.00		2,970.00	2,970.00

Tax Amount (in words): INR Two Thousand Nine Hundred Seventy Only

Our Bank Details for Transferring Payment Through Terms & Conditions:

A/c No. 01 : 033863400000163 LF.S.C Code : YESB0000338 Branch Name : YES BANK LTD A/c No. 02 : 50200068428171 I.F.S.C Code : HDFC0000089 Branch Name : HDFC BANK LTD

for ABRARI GADJET TRADING PRIVATE LIMITED

horised Signator

GS1IN - USBEQFK1037C12H	Sale Invoic			e-Pink / Trip-Yellow		
Mini Nehru Palace Aaradhya Computer						
Shop No. : 30 & 31, First Floor, Arjun Plaza, Jagat Farm, Gamma-I, Opp. Patanjali Store Greater Noida (U.P.) Email : aaradhyacomputers@gmail.com						
S. No. 154 Mob.: 989177104				20 08 2022		
Billed to: Name: SHARDA UNIVERSITY Address: Plot No: 32 & 34 KM PARK - II GITEA LET Noi GSTIN/Unique ID: 09AAATS 5294 C State: (U'P) State Code:	OWLEDGE da 32B	Vehicle No. Place of Su Date of Su Tax is Paya	oply	se Charge (Yes/No)		
S. Description of Goods	HSN Code	Qty./ Unit	Rate	Amount (Rs.)		
01 Den vorrelen Combo Key + Mouse		05	12501-	62501-		
		_				
02 Zebronius webcam		05	650 -	3250/-		
Crystal W-1	MORD	7		1		
INWARD SHARDA	F.FOIL					
CENT AL STOP SHOW	16.50	~	(no	n 22		
S.No. 2022 TIME	20/8/	-	200	\$ 2002		
ARA STIL	Sub Total			95001-		
Total Invoice Amount in Words. 1 even	Add: CGST	@	3%	8551-		
thousand Two hundred	Add: SGST	@	3%	9551-		
Ten rupers only	Add: IGST	@	%	_		
Terms And Conditions	Discount @	······	%	_		
Warranty as power principal company. No Warranty on physical damage / burnt / track out goods.	Total Amou		11210			
No return & exchange Warranty valid if sticker removed / tampered Our responsibility ceases from the delivery of goods to the customer All disputes subject to U.P. Jurisdiction only.	For Mini	Nehru Pal	"K	ya Computer orised Signatory		



ORIGINAL FOR RECIPIENT

TAX INVOICE

THINKSONIC TECHNOLOGIES PRIVATE LIMITED

Office: Ground Floor D-9, Sector-03, Noida 201301

CIN: U74999DL2017PTC318480

PAN: AAGCT2834A

Udyog Aadhaar No.: DL02D0016939

MSME Category: D

GSTIN/Unique ID: 09AAGCT2834A1ZL

BILL TO RECIPIENT

Name: Sharda University

Address: Plot No. 32-34, Knowledge Park III, Greater Noida -201306 State: Uttar Pradesh Code: 09

PAN: AAATS5294C

GSTIN/Unique ID: 09AAATS5294C3ZB

Kind Attn : Mr. Manmohan Sikarwar

Invoice No: i2v/22-23/N/257

Invoice Date: 31/10/2022

Customer Ref: PO. No.- SHSUN-0000020916 dated 29/10/2022

State: Delhi Code: 07

SHIP TO RECIPIENT Name: Sharda University

Address: Plot No.32-34 , Knowledge Park III , Greater Noida-201306

State: Uttar Pradesh Code: 09

PAN: AAATS5294C

GSTIN/Unique ID: 09AAATS5294C3ZB

Kind Attn: Mr. Manmohan Sikarwar

S.No	Description		HSN Code	Rate (Rs)	Quantity	Total Value (Rs.)
4	DS-2CD2123G2-I 4MM S.No J37360317 / J81009757		85258020	4067	2	8,134
	Total Amount before GST					8,134
	IGST	- 1	8%			
	SGST	9	19%			732
-	CGST	9	196			/132
	Total Value (Rs.)					9,598

Total Invoice Value (In Words): Nine Thousand Five Hundred and Ninety Eight Rupees Only

Payment Due Date: 30/11/2022

TDS DEDUCTION NOT APPLICABLE

IN - WORD SHARDA LINIVERSIT

Bank Details:

Thinksonic Technologies Private Limited

Current Account No: 164005000300

ICICI Bank Limited

Vasurhara Enclave Branch, F-4&5, First Floor, Delhi -110096

RTGS/NEFT IFS Code: ICIC0001640

12:50

NOIDA

or Thinksonic Technologies Private Limited

INWARD

Authorised Signatory

"Thank you for giving us the opportunity to serve you"

Tax Invoice

56327 Security

Terms of Delivery

e-Invoice



Axis Computech & Peripherals Pvt Ltd (2022-2023) G-28, 2nd Floor, Lajpat Nagar-2	Invoice No. e-Way Bill No. 2022-23/GST/1097	Dated 28-Nov-22			
New Delhi-110 024 GSTIN/UIN: 07AACCA4750E1Z1	Delivery Note	Mode/Terms of Payment Other References RR			
State Name: Delhi, Code: 07 E-Mail: ysachdeva@axiscomputech.in Consignee (Ship to)	Reference No. & Date. dt. 28-Nov-22				
SHARDA EDUCATIONAL TRUST A/c Sharda University	Buyer's Order No. SHSUN-0000021117	16-Nov-22			
PLOT NO. 32-34, Knowledge Park-III Greater Noida, UP 201306	Dispatch Doc No.	Delivery Note Date			
GSTIN/UIN : 09AAATS5294C3ZB State Name : Uttar Pradesh, Code : 09	Dispatched through	Destination			
Programme Control Control					

SHARDA EDUCATIONAL TRUST

State Name Buyer (Bill to)

Ack No.

Ack Date : 28-Nov-22

A/c Sharda University PLOT NO. 32-34, Knowledge Park-III

: 172211998596480

Greater Noida, UP 201306

GSTIN/UIN : 09AAATS5294C3ZB State Name Uttar Pradesh, Code: 09

SI No.	Description of Goods	HSN/SAC	Quantity	Rate	per	Disc. %	Amount
1	HikVision Dome Camera. Model: DS -2CD3121G0-I 5N-G80152197 G80152103 G80152127 G8015116 G80152123 G80152100 JREIDES	85258020	7 no	3,250.00	no		22,750.00
2	HikVision Bullet Camera Model: DS -2CD3T26G2-4IS SN-G87054994 G87054929 J83778551 J8377855 G8705493 G8705693 G8705500	85258090	7 no	5,600.00	no		39,200.00
3	Hikvision 32 Ch NVR. Model: DS -7732NI-K4 SN-J98085124	85219090	1 no	21,500.00	no		21,500.00
	Recentive Marin 2022	CEN	NWARD RALST 314	.73			
	38 111 202	7	28/11/ 28/11/	204			
			ALT	STIL	tinue	d to name	number 2

This is a Computer Generated Invoice



57530 17

TAX INVOICE

Original Copy

	T	AX INVOICE			0	riginal Copy
US INFOTECH Reg. office :- Y-99 SECTOR -12 Noida	(1)	b	Invoice	No.:	2022	-23/39
Gautam buddh nagar 201301 Contact No :- 7838059999 / 97111639	24 USINFO	TECH	Date of	Invoice :	3-Dec	-2022
Email : usinfotech0@gmail.com PAN : EINPS0261Q GSTIN : 09EINPS0261Q1ZD			PO No.	: SH	SUN-00000	021175
Billed To			PO No.	Date :	22-Nov-2	2022
Sharda University Address Line1: Plot no.32-34 knlowe	dge park III		Deliver	y Note N	0.:	
Address Line2 : Greater noida Address Line3 : U.P 201306 GSTIN : 09AAATS5294C3ZB			Date of	Delivery	Note:	
S.No. Despription of material		HSN/SAC	Qty.	Unit	Price	Amount
1 Camera servicing IP camera PVC repair			8	NOS	950	7600.00
Camera serviceing POE ic changed and Led change.	d^		13	NOS	950	12350.00
	3 E.No. 29	704	CRE J			/
0.00	Sign	3,1.34.	42.16.5	100	1 192	19950.0
Poil Reemin 13/01/29	Add	: IGST : CGST : SGST		% %		1795.50 1795.50
	Grand	Total				23541.00
Amount in words : Twenty thre	THE RESERVE OF THE PERSON NAMED IN COLUMN 2 IS NOT THE PERSON NAME	hundred for	-			
Terms & Cor 1. Goods once sold can't be taken back 2. If payment is not made with in 30 days Interest (and	Receiv	er Signat	ure:	
Bank Account Details Account Number : 9200200706 Account Name : US INFOTEC Bank Name : AXIS BANK	14834 H (AURIAYA BRAN	NCH)		4	or US INFO	12- 101
July and 2012		C	heurs	g Va	rified,	Recievel

SUSAH (AJAY ROM) 57670 TAX INOVICE Original Hariom Technology Dated Invoice No. D-1/778 Ashok Nagar, 543 17-Jan-23 Place of Supply Delhi - 110093 Greater Noida Cont: + 91 9810936485 Reverse Charge NA E-Mail:hariomtechnology55@gmail.com E-Way Bill. No. GSTIN:07BKBPS5480C1Z6 Mode/Terms of Payment PAN: BKBPS5480C Buyer's Order No. Dated: 05-01-2023 SHSUN-0000021577 Buyer Ship To: Allied Health Virtual Classroom setup M/S Sharda University Plot no-32-34 Knowledge Park 3 Block 4, 5th floor Greater Noida UP 201306 GSTN: 09AAATS5294C3ZB HSN /SAC S.No Description of Goods QTY. Rate Amount Code 8525 70,000.00 70,000.00 PTZ camera 4K Evota ,Range 15m To 20m, Resolution 1920x1080p 2 8302 2,500.00 2,500.00 Ceiling mount Kit for camera 6 fit with stand 3 Display port to USB cable 10 mtr for camera 8443 2.750.00 2,750.00 4 Mic wireless Duel Studiomaster XR 40 8518 7,500.00 7,500.00 5 9987 5,000.00 5,000.00 Installation with Commissioning MAMARIN CENTRALSTORE S.No. 2763 2: 16 18 01/10/2 Total Amounts of Goods 87,750.00 A)EU BAIL IGST@ 18 % 15,795,00 Sign. --Round Off Grand Total 1,03,545.00 Amount Chargeable (in word) E. & O.E Rupees- One Lakh Three Thousand Five Hundred Fourty Five ONLY. GST!N: 07BKBPS5480C1Z6 Company's Bank Details Company's PAN: BKBPS5480C : Hariom Technology : 006183800002675 Bank Name A/C No. Branch & IFS Code: Ram Vihar, New Delhi & YESB0000239 Declaration BANK: Yes Bank, Ram Vihar, Delhi RTGS: YESB0000239 A/C NO.: 006183800002675 Interest@24% per annum will be charged on delayed payment after due date

57664 Nursing TAX INOVICE Original Invoice No. Dated Hariom Technology 18-Jan-23 544 D-1/778 Ashok Nagar, Place of Supply Greater Noida Delhi - 110093 Cont: + 91 9810936485 Reverse Charge NA E-Way Bill, No E-Mail:hariomtechnology55@gmail.com Mode/Terms of Payment GSTIN:07BKBPS5480C1Z6 Dated: 06-01-2023 Buyer's Order No. PAN: BKBPS5480C SHSUN-0000021583 Ship To: Nursing Virtual Classroom setup M/S Sharda University Plot no-32-34 Knowledge Park 3 Block 3 Ground floor. Greater Noida UP 201306 GSTN: 09AAATS5294C3ZB HSN /SAC Amount QTY. Rate S.No Description of Goods Code 70,000.00 8525 70.000.00 PTZ camera 4K Evota ,Range 15m To 20m, Resolution 1920x1080p 2,500.00 2.500.00 8302 1 2 Ceiling mount Kit for camera 6 fit with stand Display port to USB cable 10 mtr for camera 2,750.00 2,750.00 3 8443 1 7,500.00 7,500.00 Mic wireless Duel Studiomaster XR 40 8518 5,000.00 5,000.00 9987 5 Installation with Commissioning MININED CENTRU STORE S.No. 2762 Total Amounts of Goods 87,750.00 विद्यालया 15,795.00 IGST@ 18 % Sign. Round Off 1,03,545.00 Grand Total E & O.E Amount Chargeable (in word) Rupees- One Lakh Three Thousand Five Hundred Fourty Five ONLY. Company's Bank Details Harlom Technology GSTIN: 07BKBPS5480C1Z6 Bank Name : 006183800002675 Company's PAN: BKBPS5480C Branch & IFS Code: Ram Vihar, New Delhi & YESB0000239 Declaration BANK: Yes Bank, Ram Vihar, Delhi RTGS: YESB0000239 A/C NO.: 006183800002675 Interest@24% per annum will be charged on delayed payment after due date

Gender Sensitization events organized during 2022-23

Year	Title of the event	Date	Number of participants by Gender (male)	Number of participants by Gender (female)	Link of Compilation Report
2022-2	Awareness Drive for Menstrual Waste Management: An Extension 3 Activity	7/7/2022	2	37	https://ezone.sharda.ac.in/ezon e- 2022/admin/naaccriteria/getpd fdetails/naaccriterias_pdf- 2022-2023:criteria_7.1.1:ECR- - Awareness_Drive_for_Menstr ual_Management.pdf
2022-2	Menstrual hygiene and Personal Care	7/15/202 2	45	112	https://ezone.sharda.ac.in/ezone- one- 2022/admin/naaccriteria/get pdfdetails/naaccriterias_pdf- 2022- 2023:criteria 7.1.1:event_re port_15-7-22.pdf
2022-2	Promotion of gender equity	7/30/202	38	48	https://ezone.sharda.ac.in/ezone- one- 2022/admin/naaccriteria/get pdfdetails/naaccriterias_pdf- 2022- 2023:criteria 7.1.1:ECR - gender equity micro.pdf
2022-2	World Menopause day 3 celebration	10/18/20 22	16	61	https://ezone.sharda.ac.in/ezon e- 2022/admin/naaccriteria/getpd fdetails/naaccriterias pdf- 2022- 2023:criteria_7.1.1:world_men apausal_day.pdf
2022-2	A Pakhwada: Elimination of Violence and Discrimination against Women	25/11 to 10/12 2022	140	245	https://ezone.sharda.ac.in/ezon e- 2022/admin/naaccriteria/getpd fdetails/naaccriterias pdf- 2022- 2023:criteria 7.1.1:signed and stamp copy ECR Pakhwada for IQAC.pdf

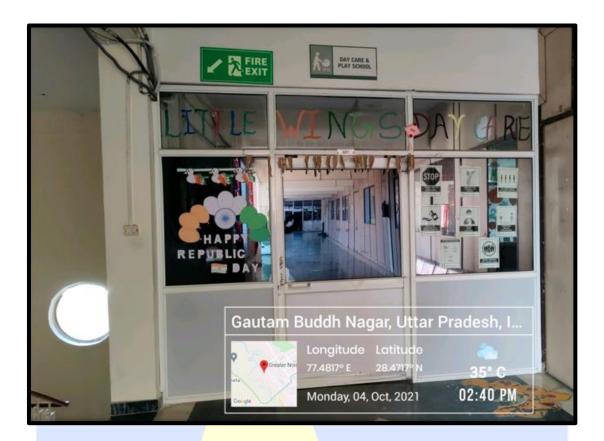
CCTV across the campus



Common room for students







Student access measures-

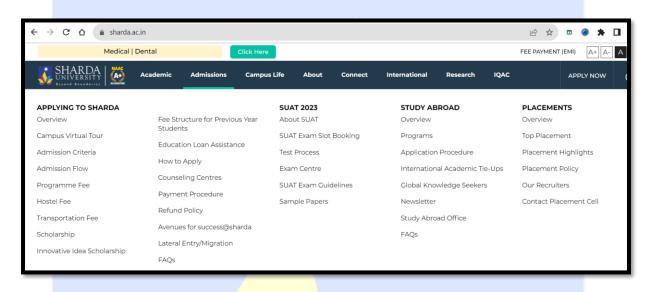
Sharda University is a co-education institution for male and female students. Particularly, after independence there is much support by the parents and society to educate the girl child. The government system also facilitates the education for girls. Beti bachao, beti padhao types of motivating slogans are now giving results in terms of improved sex ratio and higher education level of woman citizens. Every year a good number of girl students apply across all the programme in University who finally start their studies securing their admissions as per the norms of the University.

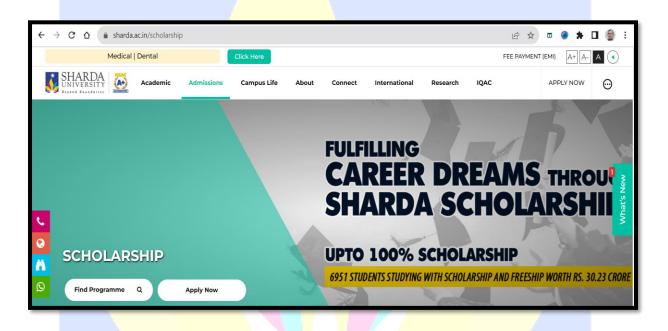
Tracking access measures

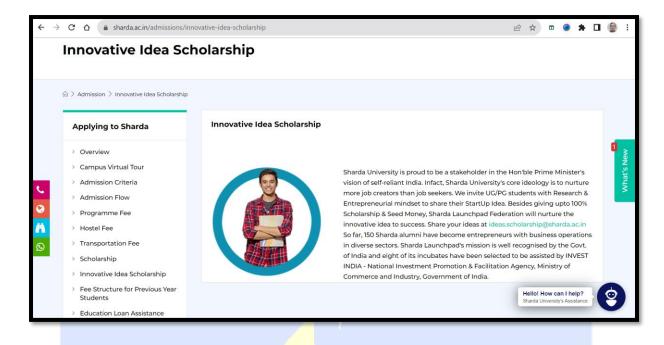
There is a computerized MIS system to process the applications of admission. Every application is processed by the admission staff and data entered in data base management of the system. Once data entered in the system, it is sorted on several parameters to analyze the trends towards admissions in different courses in the university. The applications received from the national and international candidates are immediately entered in the systems to further mark these to appropriate schools.

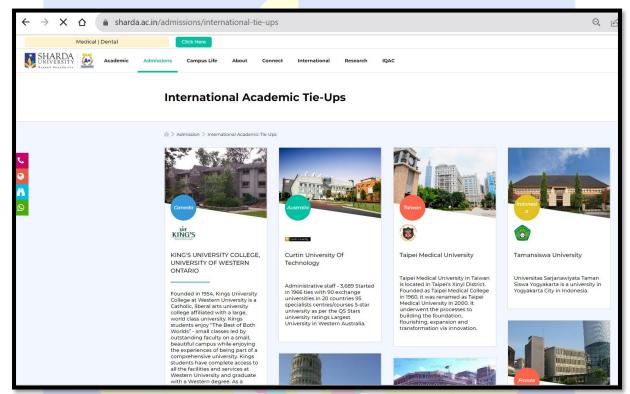
The admission team facilitates the candidates at UG, PG or PhD level to understand the course description and career prospective in a particular programme. There are international offices of the University in many countries providing essential information to applicants to facilitate the appropriate decision-making to secure admission in the University. The University has international students from 95+ countries across the globe. The supporting environment, secure campus and dedicated teaching have made the Sharda University the first choice among students not only in the country but also at abroad developing it truly global University.

There is an online portal to provide admission related information on door-step of the applicant. The digital way of transaction further smooths the fees deposit to secure the seat in class and the hostel to start the studies without any hurdle and time loss. The admission portal describes the course, programme, scholarships, process, etc. to facilitate the applicants in finding the essential information. The layout of admission portal on the University website is as follows:









Policy for women applications for admission

Every application or admission related query is recorded in the system to be attended by the admission officer to assist the applicant and the parents during the admission process. The girls are especially motivated to secure the admission in various programme in the University. The efforts of the admission cell have supported the increment in girls' admission even in the courses where their presence was very low earlier, like mechanical engineering, bio-technology or the solar energy technology. In addition to the admissions, the University also track the progress of the studies of the students to ensure the successful completion of the programme

by the student. The successful completion rate of the studies is also supported by the implementation of new education policy (NEP 2020) by the University which further permits the multiple exit and entries by the student and academic credit bank, especially the girl students will be benefitted through these options. The University maintains a dedicated webportal for admissions and related queries by the applicant across the world. The University has developed a digital platform— EZONE for handling the data related to various academic operations including the admissions of the students.

Women access schemes and women's application in underrepresented subjects

There is a career counselling cell which facilitates the students to analyze and opt the career option best suited to their abilities and skills. This cell also guides the female students to opt the best career path and motivate them to study in variety of programme. The online portal for mentoring and counselling services made the counselling fast and easy for the students.

Further, it has been observed that girl students mostly inclined towards humanities programme. However, regular counselling and personal guidance in admission cell and regional offices enable the students to make their mind to have admission in technology oriented courses, like mechanical engineering, computer applications, solar energy, etc. In comparison to starting phase of the University now there is good strength of female students in every course/programme. There is no discrimination among boys and girls in admission, examination, evaluation or any other stage of their studies. There is mechanism of prior interaction with subject experts and visit to concerned school so as to facilitate the student and his/her parents to make their decision confidently after discussion with Dean and Professors available in the school. There is separate web portal for the students to keep the records of mentoring to them by the allocated mentor from their school. The name of the portal is – Paramarsh which is given for login to every teacher mentor.









INFORMATION BROCHURE 2022

www.sharda.ac.in

20	
	71
	23
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	8
Academic Heads	ľ
	1
Faculty with Global Exposure	1
	5
Sharda University - Decryless	3
Campus View	15
Shanda University Uzbekistan - Overview	ř
	ď
	8
Recognitions & Approvals	M
Sharda Scholanhip, Financial Aid	8
National Education Policy 2020	æ
Students Pursuing Higher Education	Ø
Tie-Ups with Leading Global Universities	B
Advantages @ Sharda University	'n
	g
Sharda Skille	Н
World Clam facilities	Ø
Cultural Clubs of Sharda University	d
Shanda School of Engineering & Technology	o
Shanda School of Business Studies	u)
Shanda School of Basic Sciences & Research	16
Shanda School of Agricultural Sciences	HC.
Shanda School of Allied Health Sciences	81
Sharda School of Humanities and Social Sciences	si
Shanda School of Design, Architecture & Planning	2
	M
School of Nursing Science & Research	ď
	×
	Ø
School of Medical Sciences & Research	W
School of Pharmacy	Vi
School of Education	90
Campus Life @Shanda	81
University Visitors/Seminars/Conferences	SI.
	SO.
	25
LifepNCR	
Location Map	N
Motes	
Regional reach-Sharda Counselling Centre	



Chancellor's Message

As the Chancellor of Sharda University, I have both the opparturally to provide forward-looking fendership and to ensure that Sharda becomes a model of excellencein education for the country in the years to come.

If had to state what differentiates Sharda University, I would without a doubt say that it is how we bring togethe incredibly diverse groups of stockents & focully from across the world to discover a new way of fearning. Moreover, Sharda gleans great advantage from its violable inclustry network, which equips on students with estended inclusive processes, which expenses on students with estended inclusive processes. Although we offer over 13th programmes in a unitery of condemic discipline, our goal is your success. All our programmes focus on professional fields with strong current and future prospects to provide a degree that works for you. And, we surround you with a supportive and helpful academic community to encouragely your personal growth and success.

I welcome you to be a part of this amazing experience!

Shri Pradeep Kumar Gupta has revamped the way education is imparted in educational institutions across India. He has also established Sharda Hospital In 2005 to provide hi-tech medical care at affordable cost to everyone. Going beyond boundaries, Sharda University established its first overseas campus at Andijan, Uzbekistan.

Shri Gupta is one of the founders of Education Promotion Society for India (EPSI) and also its past President. The then Hon'ble President of India nominated him on the Board of Governors of National Institute of Fashion

- 'Gauray Shri' award for entrepreneurship from the Alumni Association of Agra U Best Educationist award from the Federation of Educational Publisher in India



Pro-Chancellor's Message

When you come to Sharda, you are choosing a university that has been raising the bar of excellence in education since 2009. Behind this success was the experience of almost a decade in managing a large conglomenta of education institutions with infrastructure and education delivery processes benchmarked with the best.

ninesarcularaniaeurukuntaeurery processes veirinimanee wikin tiecs. The experiential education that our graduates kave received while at Sharda has empowered them to solve real-world challenges. Whether through joining the workforce, continuing on with further studies, launching an entrepreneurial venture, or forging a different path, Sharda's graduates have brought their Think and Do' spirit out into the world.

spiritout into the world. With a reputation of being India's only global university, our passion for the areas of expertise we operate in and our cordial relationship with industry, you can be sure that Sharda will help you find your future. An investment in higher education is a life-changing decision that will affect your career growth. Whatever programme you choose, we will support you with the very best academic staff and state-of-the-art facilities.

Shri Y.K. Gupta has put immense efforts to do pioneering work for his hometown, the city of Tajl Mahal. He groomed Agra as a centre of excellence in technical education and provided the students better learning opportunities without any boundaries.



Vice-Chancellor's Message

Sharda is a dynamic and youthful university that offers its students a truly global environment. Our international students from across the globe enrich the cultural diversity of campus life and learning experience of our students. At Sharda, you will find a highly locused research environment that encourages innovation and new ideas for the betterment of society. We have an excellent student to faculty ratio, and you will be supported to achieve your potential by high quality and committed people, excellent teaching resources and facilities. Your choice of University is one of the most Important decisions you will make I am sure you will make the right choice for your future education and career. At Sharda, I man confident that we can help you achieve your ambiting from Jadaypur University, Rollato, in extra expension wireless heterogeneous network-essentially in the area of Interworking network and protocol convergence techniques for cellular and Wilfittingtond chowses. He completed Electronics and Communication engineering (UG) and Digital System (PG) from National institute of Echniques for cellular and Wilfittington and Communication of Perimide Equipment of Message Switching engineering. He successfully completed the project for the defense exvices, to enhance the automation of Termind Equipment of Message Switching network for efficient information management.

network to emicent information management. His major research interests core the neets of cluster based wireless sensor networks, spectrum mobility in cognitive radio system, call admission control in heterogeneous network and carrier aggregation in IZE-A technology. Professor Khara is well reputed for his innovotive teaching pedagogy and techniques which are designed in conformance with Dale Carnegie and Mission 10X concept. He has guided OF Pib Scholars, more than 20M. Tech and 10B. Retch project successfully. He has supervised 04 PhD scholars and completed one DST funded project of 30 lacs.

Prof. (Dr.) Sibaram Khara



CEO's Message

Prashant Gupta

am delighted that you have chosen to invest in your future with us. In the next few years, you'll join the ranks of 17500+ tudents who are pursuing brilliant careers worldwide.

haded University is committed to deliver the highest quality, careers-first education. We have many resources to support

[Pround development of students through events, activities, clubs and societies for you to explore exciting new
pportunities, meet new friends and discover new horizons.



VICE PRESIDENT'S Message

Rishabh Gupta

Vice President, Sharda Hospital

ADMINISTRATIVE HEADS











Prof. (Dr.) R.C. Singh Controller of Examination

















ACADEMIC HEADS







































VISIT OF LUMINARIES AT SHARDA UNIVERSITY















































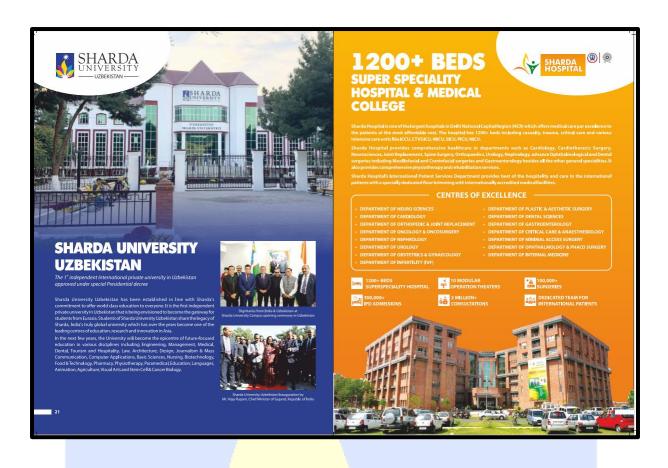














FULFILLING CAREER DREAMS THROUGH SHARDA SCHOLARSHIP

Upto 100% Scholarship

4399 students studying with Scholarship and Freeship worth Rs. 20.46 crore in 2021-22

For details, visit: <u>www.sharda.ac.in/scholarship</u>

Sharda University's focus is to help those who are brilliant in academics but don't have the means. Sharda scholarships are specifically designed to suit personal needs of every student, allowing them to explore their passion and contribute in building a knowledge empowered India.

Most of the scholarships are merit based. However, support is also available to students belonging to economically weaker sections of the society. Scholarship is granted on annual basis and continuation in second and further years of the programme is subject to scholarship policy.

- Academic Scholarship
- SGI Alumni Scholarship
- Sibling Scholarship
- Shorts Scholarship
- Sports Scholarship
- Sports Scholarship
- Sports Scholarship

· Sports Scholarship • JKPMSSS Scholarship



SHARDA UNIVERSITY ALIGNS ITSELF TO **NATIONAL EDUCATION POLICY 2020**







Futuristic education policy lays the foundation for a nation's progress. Be it new discoveries, knowledge creation, skillher building, and innovation—the determining factor behind creating future nation builders is good education. In this regard, the National Education Policy (NEP) 2008 is futuristic, augmentative, and ambitious.

Shri PK Gupta, Chanceloir, Shareda University is proud of the fact that Sharda is in sync with the vision of the Hon'ble Prime Minister's new education policy where the focus is on building skills and muturing entrepreneurs wholl drive the change tomorrow. Sharda Launchpade the Startity wing of Sharda University has over the last they varyed been serving as the springboard of students and building entrepreneurs who are living the dream to make India self-reliant. Sharda Launchpad is approved as business incultant by Ministry of MSME and has collaboration with Startify Incustation and Innovince Central, If Ranger for sharing of resourcing digitional), level and the IRP Sharda University offers 130+ UCC recognized future-focused Programmer/lans (Including digitional), New age programmer is fact for all its issue Engineering, Artificial Intelligence & Data Analysic, Robbicia Samong others are offered to make the students future ready, Besides this, Sharda University also offers four year research oriented UC programmers.

Adopting the vision of NEP20 of transforming India into an equitable & vibrant knowledge society by providing high quality education following changes are in progress & would be incorporated as Iaid down in para 11.9 of NEP20.

As mentioned in Para 11.9 of NEP20 the undergraduate degree programme will be of 3 or 4 years duration, with multiple exit options within this period, with appropriate certifications, e.g., a certificate after completing 1 year, in a discipline or field including vocational and professional arreas, or a diploma after 2 years of tudy, or a Bachdor's degree after a 3-year programme. The 4-year multidisciplinary Bachelor's programme, however, shall be the preferred option since it allows the opportunity to experience the full range of holistic and multidisciplinary education in addition to a focus on the chosen major and minors as per the choices of the student.

We would also consider the Inter University Migration by accepting credits stored at ABC (Academic Bank credit) as & when it would be established as laid down in NEP'20.

PROGRAMMES (REGULAR)	DEGREE BY RESEARCH
BCA - 3 Yrs.	Bachelor of Computer Applications by Research - 4 Yrs.
B.Sc 3 Yrs.	Bachelor of Science by Research - 4 Yrs.
B.Com 3 Yrs.	Bachelor of Commerce by Research - 4 Yrs.
BBA-3 Yrs.	Bachelor of Business Administration by Research - 4 Yrs.
BJMC - 3 Yrs.	Bachelor of Journalism & Mass Comm. by Research - 4 yrs.
BA - 3 Yrs.	Bachelor of Arts by Research - 4 Yrs.
MBA Integrated - 4 Yrs.	MBA Integrated by Research - 5 Yrs.







ADVANTAGES @SHARDA UNIVERSITY

- Be part of Sharda University Established through an act of State Legislature of Uttar Pradesh (14 of 2009).
- Be part of a University that has over the years become one of the leading centres of education, research and innovation in Delhi NCR region.
- innovation in Delhi NCR region.

 Choose from 130+ UGC recognized Bachelor, Master, and Ph.D. programmes/Plans (including diploma) in Engineering, Management, Medical, Dental, Architecture, Animation, Design, Visual Arts, Law, Journalism & Mass Comm., Flim & Television Production, Computer Applications, Basic Sciences, Agriculture, Biotechnology, Bioinformatics, Genetic Engineering, Stem Cell & Fissue Engineering, Food Science & Erchnology, Pharmacy, Clinical Research, Nursing, Paramedical, Physiotherapy, Humanitles, Languages, Education etc.





TOP GLOBAL FACULTY

- Learn from over 900+ teaching faculty with global experience.
- faculty with global experience. Find new ideas through expert talk by Nobel Laureates. Experience learning from faculty sourced from renowned universities of USA, UK, Greece, Singapore, Ireland, Germany, Italy, China, Finland, etc.
- Discover quality teaching through faculty certified by National Skills Development Corporation (NSDC)

GLOBAL OUTREACH

- GLOBAL OUTREACH

 Get a truly global experience through the ups with 2014 global universities.

 Interact with students from across the globe.

 Pursue joint research projects with universities from across the globe.

 Benefit from credit transfer-degree programmes, semester exchange programmes, semester exchange programmes (cultural experience programmes, cultural experience programmes and internship programmes

TAKING STARTUPS TO THE NEXT LEVEL

- Sharda Launchpad is approved as business incubator by MSME
- Collaboration with StartUp Incubation and Innovation Centre, IIT Kanpur



FOCUS ON PERSONALITY TRANSFORMATION

- Discover a new you through various personality grooming and enhancement modules.
- ennancement modules.

 Sharda Skills provides coaching to students who want to prepare for various competitive exams like UPSC, CAT etc. within the campus after University hours/weekends.
- FULFILLING DREAMS THROUGH SCHOLARSHIPS
 Upto 100% Scholarship
- 4399 students studying with Scholarship and Freeship worth Rs. 20.46 crore.
- Get easy education loans from SBI, ICICI, Canara Bank & Bank of Maharashtra.
- · Fee payment EMI option also available through Grayquest





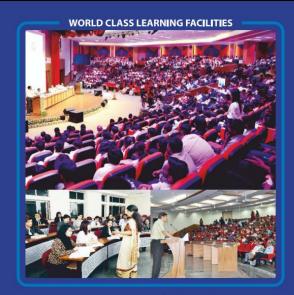


WORLD-CLASS INFRASTRUCTURE

- Explore a myriad of opportunities at a campus spread over 63 acres.
 Experiment at hi-tech labs and research centres.

 - Explore a fully wi-fi campus, AC classrooms, AV aids, and numerous indoor and outdoor sports facilities.
 - Eat healthy at many on-campus cafeterias.
 - Experience home away from home while staying at on-campus residences.
 1200+Beds super-speciality teaching and research hospital





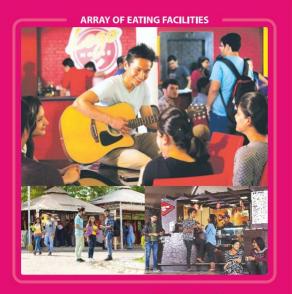
AUDITORIUMS & SEMINAR ROOMS

HI-TECH LABS TO PUT THEORY INTO PRACTICE



LABORATORIES

WORKSHOP FACILITIES



CAFETERIAS

DEPARTMENTAL STORE

MANY AVENUES TO DEVELOP A WINNING ATTITUDE



SPORTS FACILITIES

GYMNASIUM



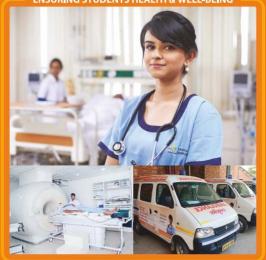
IT INFRASTRUCTURE

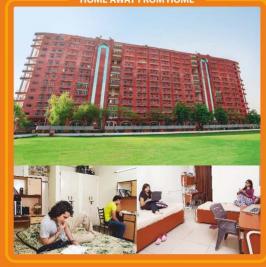
24X7 WI-FI ENABLED CAMPUS IN ACADEMIC & ADMINISTRATIVE BLOCKS AND HOSTEL AREA WI-FI facility is available between 430 PM to 830 AM in all the hostels and in the rest of the time, in all the classroom and academic blocks.



LIBRARIES

ENSURING STUDENTS HEALTH & WELL-BEING





COMMUNITY RADIO & ONLINE TV CHANNEL



COMMUNITY RADIO-SUNO SHARDA 90.8 FM

CONVENIENT WAYS TO COMMUTE



TRANSPORT FACILITIES

CULTURAL SOCIETY OF
SHARDA UNIVERSITY

The Cultural Society of Sharda University is formed of 9 Clubs, where each of the clubs will be operated by student coordinators and board members under the supervision of faculty coordinators. The cultural society will be operated overall by the following functionaries:

The Dean of Students' Welfare

The Associate Dean of Students' Welfare

Faculty Advisors of Cultural Society















SHARDA SCHOOL OF ENGINEERING & TECHNOLOGY



- In a School offers Inture focuses programmes in val-perciliations.

 Bachelor of Technology (Computer Science & Engineering)
 Bachelor of Technology (Homputer Science & Engineering)
 Bachelor of Technology (Homputer Science)
 Bachelor of Technology (Homputer Science)
 Bachelor of Technology (Homputer)
 Bachelor of Technology (Homputer Science)
 Bachelor of Technology (Boctechnology)
 Bachelor of Technology (Boctechnology)
 Bachelor of Technology (Boctechnology)
 Bachelor of Science (Big Data & Analysics)
 Bachelor of Science (Big Data & Analysics)
 Bachelor of Science (Domputer Science)
 Bachelor of Science (Information Technology)



SHARDA SCHOOL OF BUSINESS STUDIES







SHARDA SCHOOL OF BASIC SCIENCES & RESEARCH





SHARDA SCHOOL OF AGRICULTURAL SCIENCES





pecializations:

Bachelor of Science-Physics
Bachelor of Science-Physics
Bachelor of Science-Chemistry
Bachelor of Science-Mathematics
Bachelor of Science-Mathematics
Bachelor of Science-Mathematics
Bachelor of Science-Poology
Bachelor of Science-Data Science & Analytics
Bachelor of Science-Bio Chemistry
Bachelor of Science-Bio Chemistry
Bachelor of Science-Biotechnology
Bachelor of Science-Machelology
Bachelor of Science-Food Science & Technology
Bachelor of Science-Food Science & Technology

SHARDA SCHOOL OF ALLIED HEALTH **SCIENCES**





- 8.A. (Hons.) and 8.A. by research programme also available as per NEP Guidelines.

SHARDA SCHOOL OF HUMANITIES AND SOCIAL SCIENCES



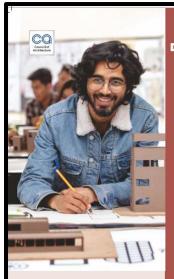






- omit) Bachelor of Science (Cardiovascular Technology) Bachelor of Science (Forensic Science)

- Bachelor of Optometry
 Bachelor of Science (Nutrition & Dietetics)
 Bachelor of Science (Dalysis Technology)
 Master of Physiotherapy
 Master of Science (Clarical Research)
 Master of Science (Clinical Research)
 Master of Science (Clinical Research)
 Master of Science (Nutrition & Dietetics)
 Master of Science (Nutrition & Dietetics)
 Ph.D. In Allied Sciences



SHARDA SCHOOL OF DESIGN, ARCHITECTURE & PLANNING







SHARDA SCHOOL OF MEDIA, FILM AND ENTERTAINMENT







SCHOOL OF NURSING SCIENCE & RESEARCH







SHARDA SCHOOL OF LAW







SCHOOL OF DENTAL SCIENCES







SCHOOL OF MEDICAL SCIENCES & RESEARCH





SCHOOL OF PHARMACY







SCHOOL OF EDUCATION











17th Annual National Conference of Uttar Pradesh-Uttarakh Economic Association (UPUEA)



Dr. SP Singh Baghel, Minister of State for Law & Ju at the 5th Convocation 2021



3rd Convocation Ceremony



Prof. G.C. Tripathi, Chairman, U.P State Council of ligher Education (Lucknow) Govt. of Uttar Pradesh being felicitate



r. Ramesh Pokhriyal 'Nishank', former Union Education Mini



Chief Guest Gurudev Sri Sri Ravi Shankar. being felicitated during 2nd Convocation



Sadhguru at Sharda University Campus for Save Soil Movemer



Hon'ble Shri. Justice Swatanter Kumar, Former Judge, Supreme of India and Former Chairman, National Green Tribunal (NGT



Mr. Sabeer Bhatia, Founder Hotms



Shri Rajnath Singh, Defence Minister of India being felicitated



Dr. Mahesh Sharma, MP, speaking during MBBS orientation



Agreement with Govt. of Uzbekistan for opening of

64

UNIVERSITY VISITORS/ SEMINARS/CONFERENCES

























PLACEMENTS & SUMMER INTERNSHIPS

Placements and Summer Internships are an integral part of any University's annual calendar of activities. Sharda University has a well laid-out and systematic process of dovetailing our students' career aspirations with corporate expectations.

aspirations with corporate expectations. Leading companies from all sectors are initied by the Placement Department on the campus and the eligible students are facilitated to go through the selection process. The process is governed by the students ability and performance, as well at the requirements and norms of the industries. As the trequirements and process to the students are The Placement Department comprises of the Students Committees having 15 members from the final two years of a course, the Placement Department official consisting of Faculty members and hostily-Podessonals.









THE STARS KEEP SHINING AT SHARDA





































THE STARS KEEP SHINING AT SHARDA





























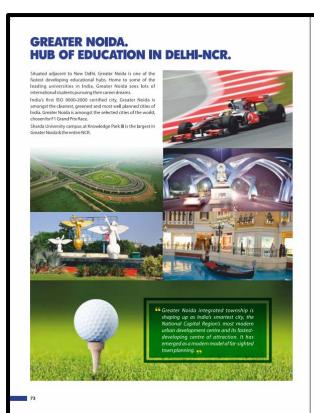


Mr. Chirag Tyagi M.Sc. Chemistry (2020-21) Working at Toyo INK India Pvt. Ltd.











NOTES

REGIONAL REACH-SHARDA COUNSELLING CENTRE



SHARDA UNIVERSITY ANNUAL EVENTS

We hope that your tenure here would prove to be amongst your best years of life. The University would try its best to provide you with world class education along with a myriad of activities, designed to groom you as an all-rounder professional. The details are listed below.

FRESHERS



Freshers joining at Sharda University will have to go through an orientation programme to familiarise themselves with the functioning of the University. It helps in:

- · Providing information on respective roles of students and teaching staff
- · Providing information on who staff are and where their offices are located
- Helping to create an environment where students are encouraged to speak about their needs and seek appropriate support
- Advising on different approaches to teaching and learning

Once you are familiarised & start your classes, get ready for the most awaited evening the "Fresher's Party". It's an event of Fun & Floric, Activities, Music, Dance & knowing each other. So gear up for the fresher's party ahead with the best of your attires. Be prepared to showcase your talent on the stage too.

CULTURAL FEST-CHORUS

Chorus is Sharda University's biggest "Annual Cultural Festival" and has established itself as a legacy where everyone looks forward to coming together, be it competing or enjoying. Offering a rich blend of events, Chorus promises an exuberant garland of cultural diversity, learning and never-ending entertainment. Last year, Chorus saw footfall of over 45,000 students. There were 32+ events, ranging from different categories such as Music, Dance, Theatrics, Literature, Art, Fashion, Strategy, Sports, Photography and many more. This year, Chorus promises to be a bigger extravaganza with a plethora of events designed to bring out the best in every student.

In the previous years, Chorus saw extremely talented singers and actors like Guru Randhawa, Shalmali Kholgade, Neha Kakkar, Javed Ali, Irrfan Khan among many others. Chorus has been successful in bestowing the best to the students with a long and inevitable list of celebs.

To register yourself & participate, contact:

Department of Students' Welfare:

sumeet.rana@sharda.ac.in



SHARDA UNIVERSITY ANNUAL EVENTS







DJ NIGHTS



FESTIVAL CELEBRATIONS



STUDENT ACCOMMODATION AT SHARDA UNIVERSITY

Living in the campus hostels is an amazing experience at Sharda University. It's like a 'home away from home'. There are separate hostel facilities for boys & girls. It has been proved that students who live on campus score higher marks in their academics than those who do not due to focused study environment in hostels. Students also feel more connected to the University Family.

Caring wardens and tight security ensures a pleasant and safe stay allowing students to focus on studies. The hostel stay provides the students an insight into cross-cultural and cross-religious traditions, followed within and outside the country. Community living develops self-respectfor the other communities, and discipline amongst the hostellers and prepare them for the future grills of life.

BOYS HOSTELS

Jawahar

Vivekanand

Tagore

Mandela (B&C Wings)

Vardhman

GIRLS HOSTELS

Mandela (A Wings)

Indira

Kasturba

Sarojini

Mother Teresa







TRANSPORT



The University runs a fleet of buses to facilitate its students and staff to commute to and from various places in Delhi, Noida and other NCR areas. All buses are deluxe and have high capacity. The University provides transportation from villages as well as cities. The transport facility is provided within a radius of 90 km. Public transport buses also ply to points near the campus.

Regular to & frovia public transport makes your stay in Greater Noida very convenient.

Transport: 8800998964

LIBRARY



Libraries are the hub of academic life of the campus. Housed in spacious halls, the libraries are well stacked with text books, technical journals, periodicals, and reference material for advanced research and development work. The schools also subscribe to DELNET and other Internet Libraries. Modern aids to Education, including online digital libraries, Audio/Video records of renowned academicians are available in Sharda University campus in different blocks of libraries. It remains open 14 hours a day, from 8 am to 6 pm on all days, and up to 19-20 hours a day, during examinations. One AC Central library is under development which will remain open 24x7.

GVM



A healthy mind resides in a healthy body. A well equipped Air-conditioned gym, having latest state-of-art equipment and machines, has ensured availability of excellent fitness and health facilities for the students, faculty and staff members of the University. Instructors and trainers are available throughout the day to train the gym enthusiasts. There are two sections in the gymnasiums. One section is meant for general exercises while the other is meant for weight training. There are separate timings for boys and girls.

The Power House Gym: 6399856926

FACILITIES FOR YOU

LAUNDRY



The fully functional laundry service is available for all the students, residing in the campus. The university's laundry is equipped with state-of-the-art machinery for all kinds of clothes and fabrics. The plant uses eco-friendly chemicals for washing and other treatments. With nominal charges, laundry offers both wet and dry-cleaning services. Complementary laundry service will be provided to every hosteller to the extent of 20 washes of upto 5kgs load each time, through world class fully automatic laundry machines.

Laundry: 9810083863

SALON



Personal grooming is an integral part of our lives. We all want to look good in this competitive world. Students at Sharda don't have to wait for weekends for personal grooming. At in campus "New Looks Salon", students have a choice of great hair & skin care solutions.

New Looks Saloon: 7042489697

COMMUNITY RADIO SUNO SHARDA 90.8 FM



Suno Sharda is Greater Noida's own radio station. Senior TV journalist and RJ Richa Anirudh officially launched Suno Sharda 90.8FM. This community radio offering from Sharda University aims to change the lives of Greater Noida residents. Get is students, partment dwellers and farmers, Suno Sharda 90.8FM has something for everyone with a variety of programming on legal, medical and various social issues.

Suno Sharda: 9716926636, 8860800381

IT DEPTT



The campus has a seamless Wi-Fi network with more than 1 Gbps leased line with multiple ISPs which allow the students to connect to internet anytime, any where! We have a campus LAN, with Learning Management System to facilitate students to discuss academic topics, submit their assignments online, see their class notes, study through specially designed learning resources and also refer to reference and digital library. The campus Cafes & outer spotsallow the students to complete their assignment after the classes and submit it to the teacher online within the stipulated deadline.

IT Deptt: 9654554356

STUDENTS ACTIVITIES CENTRE



Student Activity centre is a well designed building with all modern facilities for students. The centre aims at being the activity hub for students with facilities like Gym, Tuck Shops, Gaming Zones, Shopping Centres, Swimming Pool, Central Library accessible 24x7, Convenience Store 24x7, AmpiTheatre etc.

IN CAMPUS CALL CENTRE



Sharda University has established its own Call Centre having dedicated well trained team of Tele-Counsellors who are the First Point of Contact (FPOC) on behalf of the University. Call Centre is available throughout the year to guide you about the University, help you in choosing the right career option and also taking you through the admission procedure. Once you are enrolled in the University we provide support for answering all your day to day queries related to classes, placements, admission, loans, exams, fee, holidays, etc.

CALL CENTRE: 0120-4570000

STUDENT RELATIONSHIP MANAGEMENT SOFTWARE



PeopleSoft is a one-stop shop where you can get all the details and get connected with Sharda University. You can track your academic as well as non-academic details here.

Following are the features of student self-service:

- View your enrolled subjects
 - Navigation Main Menu > Self Service > Student Center
- · Track your GPA and Grades
 - Navigation Main Menu > Self Service > Student Center Select Grades in dropdown under Academics
- Raise your grievances (both Academic & Non-Academic) in Student Care Management.
 - Navigation Main Menu > Student care Management
- View all your fee dues and payments in a simplified account ledger
 - Navigation Main Menu > Student Ledger
- Download all your fee payment receipts
- Navigation Main Menu > Self Service > Student Receipt Print
- · Pay your fees hassle-free using e-payment
 - Navigation Main Menu > Self Service > Fee ePayment

For any issues kindly mark a mail to cs.support@sharda.ac.in

STUDENT CARE MANAGEMENT

Student Care Management is to facilitate students to raise any issue/complaint during their stay in campus. The students may voice their grievances regarding personal or academic matters, health services, hostels, library, accounts and other services. The Student Care Management redresses the grievances by sorting them out promptly and judiciously. It exists to promote and maintain a conducive and unprejudiced educational environment. It focuses on avoiding infringement of student's rights. It is good to air away a grievance rather than to keep it bottled up. Protection of human rights is essential for all round development of an individual's personality. To realize the primary needs of the students, this cell has been constituted. It is indented to find solutions for problems like physical or mental harassment, complaints regarding class room teaching, class room management, completion of syllabus, teaching methods etc.

The student needs to login to his PSFT account & follow some simple steps to raise his/her concern. They may also track the progress of their issue & provide feedback for resolution provided on a scale of excellent to very poor.

Raise your grievances (both Academic & Non- Academic) in Student Care Management.

Navigation - Main Menu > Student care Management

Or else meet us at:-Facilitation Cell, Block-2, Ground Floor We would assist you in all possible ways.





STUDENT **CLUBS**

The Cultural Society of Sharda University is comprised of 9 Clubs, where each of the clubs will be operated by student coordinators and board members under the supervision of faculty coordinators. The cultural society will be governed overall by the following

- The Dean of Students' Welfare
- The Associate Dean of Students' Welfare
- Faculty Advisors of Cultural Society



MUSIC CLUB

Music Club caters to the passion of student providing quality facilities like instruments, dedicated music room and a plethora of events. It serves as a platform for musicians of all genres and skill levels to showcase their talent at various events like Sufi Night and Voice of Sharda, etc. held at Sharda University.



DANCE CLUBThe Club was established with the mission of bringing out the hidden talents of students and also provides them a stage where they can showcase their dancing talent and interest. The Club provides lot of opportunities in the form of competition and workshops for igniting the spark of interest present in the budding technocrats and honing their skills and showcasing their talents.

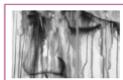


LITERARY CLUB

The Club aims to foster love for language, enhance literary creativity & provide an avenue for self-expression, beyond the school curriculum. It is also to develop and hone the literary skills of students and inspire them to develop a taste for literature by conducting various workshops. The Club also initiates competitions in extempore, essay writing, poetry writing, debate, elocution, quiz and reading to enhance oratorical skills.



The Dramatics Club is for students who are interested in Performing Arts. The Club offers acting education, a creative outlet for theatrically minded students, and a variety of theatrical productions for the students to enjoy In the past students from the Club brought accolades for the University in various events



The Fine Arts Club brings out the hidden artistic talents of our students, cultural programmes are conducted during Independence Day, Sports and college functions. Students participate in Inter & Intra-College competitions. The purpose is to encourage students, to express their thoughts and emotions through art.



DIVERSITY CLUB

Sharda University has a diverse group of students from across 80+ nationalities. The Diversity Club is dedicated to raising awareness of the various cultures present at and of other cultures around the world. In the past various events have been organized by students to explore different cultures like Rejoice 3D, Festivals of Light, etc.



PHOTOGRAPHY CLUB

Photography Club of Sharda provides a platform where talent meets creativity and gives rise to productivity. Students are engaged in various activities that challenge their imaginative capabilities, assist in sharpening their photographic skills, and present an opportunity for students to learn from each other.



The Fashion Club aims to bring students together who have a passion for the fashion industry by participating in local and regional fashion events. Club members work with Fashion Merchandising students to help with events and activities on and off campus. The Club has hosted fashion shows, fashion showcases, and window dressings of local businesses.



ENVIRONMENTAL CLUB

The main purpose of the Environmental Club is to educate on sustainable practices, to implement change in the best interest of the environment, and to include all persons working to improve the future of our earth by conducting significant workshops and seminars.

A HEALTHY LIFE AT SHARDA

SPORTS

Sports and fitness activities are an integral component of the University. Under the supervision of qualified coaches, the students engage in regular practice sessions in order to fulfill their aspirations of wearing the University jerseys. Apart from participating and winning in various tournaments throughout the year, the students also participate in an exciting "Inter School championship Intramural Tournament" which has gained immense popularity. The evening practice sessions create a kind of ambience and feeling that has no substitute. Special emphasis is given to improving, not only the wellness component and lifestyle of students but also to instill in them the qualities of team cohesion and sportsman spirit.

The Department of Sports has many clubs

1. Athletics Club 2. Badminton Club 3. Basketball Club 4. Chess Club 5. Cricket Club 6. Football Club 7. Volleyball Club 8. Table Tennis Club 9. Yoga & Meditation Clubs

FACILITIES

Sharda University has a large concentration of world-class facilities across a wide range of sports, including Badminton, Volleyball, Basketball, Table Tennis courts and Football, Cricket grounds, and a well equipped fitness centre.

ORGANIZATION

The Department of Sports is responsible of organizing all the sport activities inside the campus such as:

•Inter-department league • Inter-School league • Autumn fest • Inter-hostel

PARTICIPATION LEVEL

Since 2009, the sports department has been involved in organising students participation in many prestigious tournaments. Sharda University teams are participating in:

 $\bullet State \ Level \bullet \ National \ Level \bullet \ All \ India \ University \ (AIU), \ Reliance \ and \ other \ invitational \ tournaments \ across \ Delhi \ NCR$

TRAINING SESSION

Training will be of two to three hours on a daily basis from Monday to Friday.

Contact Name: Dr. Arun Kumar



Contact Number: 8800998944/9911967136

YOGA/ MEDITATION

Yoga is a 5,000 year-old physical, mental and spiritual practice having its origin in India, which aims to transform both body and mind. On December 11 in 2014, the United Nations General Assembly declared June 21st as the International Day of Yoga. The declaration came after the call for the adoption of June 21st as International Day of Yoga by Mr. Narendra Modi, Prime Minister of India during his address to UN General Assembly on September 27, 2014 wherein he stated: "Yoga is an invaluable gift of India's ancient tradition. It embodies unity of mind and body; thought and action; restraint and fulfillment; harmony between man and nature; a holistic approach to health and well-being. It is not about exercise but to discover the sense of oneness with yourself, the world and the nature."

Sharda University has been celebrating the International Day of Yoga with great enthusiasm. The participants comprised of students as well as faculty & all staff members. The participants were introduced to Yogasanas, Pranayam, Dhyan, Sankalp and Meditation, as per the common protocol issued by Ministry of Ayush, Govt. of India by Anandacharya (Guruji) from Bhramhakumari. Infact, Sharda University offers B.Sc. (Yoga) programme for those who wish to imbibe the amazing qualities of Yoga in their life and explore the global job opportunities it offers.













YOUR CAREER PATHWAY

XCELERATOR



Sharda LaunchPad aims to promote entrepreneurial spirit among our students and alumni. It serves as the link between entrepreneurial enthusiasts and industry experts in the concerned field so that the current students and alumni can learn from their experiences, knowledge and expertise through initiatives like interviews, speaker sessions, competitions, industry interface, mentoring and many more. Being one of the most well-known private universities in the NCR, we proudly take the onus upon us to promote, support, boost and create a legacy of entrepreneurial talents, ideas and leaders.

OBJECTIVES OF SHARDA LAUNCHPAD

- Organizing activities, events, lectures to promote entrepreneurial spirit in our students and alumni.
- $\bullet \quad \text{Setting up of an Entrepreneurial Cell, one of the routes via which students can gain access to Sharda Launch Pad.}$
- Mentoring by the in-house-faculty and industry experts for budding entrepreneurial students and alumni.
- Fostering the spirit of competition by nominating our students for various inter and intra-college entrepreneurial contests
- Coordinating and providing the live project opportunities for the participants to provide them with industry interface.
- Facilitating the setup of a Next Startup, Syncubator, Xcelerator Centre in the institute to incubate budding start ups at different levels of the entrepreneurial trajectory.

Sharda LaunchPad

Contact Number: 9818517557

SHARDA SKILLS @ SHARDA UNIVERSITY

Sharda Skills nurtures students of Sharda University in varied areas thereby enabling them to face the challenges of the corporate world with panache and be true corporate citizens on graduating from campus.

Total personality development, team spirit, problem solving and decision making capability, ability to create "Out-of-The-Box" solutions, presentation skills, the spirit of enquiry, innovation, good communication skills, positive attitude towards everything etc are a few of the competencies that the coaches in Sharda Skills develop.

Sharda Skills has professionals from the industry who are subject matter experts and Master Trainers of NLP (Neuro Linguistic Programming), EFT(Emotional Freedom Techniques), DISC, FIROB, MBTI, having cumulative training and teaching experience of more than a 100 years in some of top companies of the country namely Oracle, Aon Hewitt, TCS, Genpact, HCL, Wipro etc. They have brought in their best practices to create the pedagogy, teaching methodology and experiential learning concepts to maximise fast paced retention and learning. SHARDA SKILLS has started training students from the first year till final year on various technical, soft and hard skills so that by the time these students reach graduation time they are proficient in clearing and cracking placement interviews of the top companies who visit the university for Campus Recruitment.

The pre-final and final year students are given extra training through an exhaustive programme called "Placement Mantra" which enables students to not only secure their dream job, but also be prepared for a Corporate life thereafter.

$Some \, courses \, that \, we \, offer \, as \, a \, part \, of \, the \, student \, curriculum \, are: \,$

 Functional English • Quantitative Aptitude, Reasoning and Business Communication Skills • Building Essential Language and Life Skills
 Behavioural and Interpersonal Skills • Impression Management • Personality Sharda Skills

Ontact Number: **7292055101**

 $Development and Transformation \bullet Higher Order Mathematics and Advanced People Skills \bullet 4 hour Employability Skills and Acing the Interview Workshops \bullet Problem Solving Creative Thinking and Leadership Skills$

TRAINING & PLACEMENT CELL FOR YOU

Placements and Summer Internships are an integral part of any University's annual calendar of activities. Sharda University has a well laid-out and systematic process of dovetailing our students' career aspirations with corporate expectations. The Placement Department comprises of the Student Committees having 15 members from the Final two years of a course, the Placement Department official consisting of Faculty members and Industry Professionals.

The leading companies from all sectors are invited by the Placement Department on the campus and the eligible students are facilitated to go through the selection process. The process is governed by the student's ability and performance, as well as the requirements and norms of the industries & Companies.

Training & Placemen

Contact Number: 8800998830

HOSTEL RULES AND REGULATIONS

For Students:

- Ragging is strictly prohibited in any form. If anyone is found guilty, strict action will be taken against defaulters, as per the UGC Regulations on Curbing Menace of Ragging in Higher Educational Institution, 2009, and the instructions issued by the University in this regard from time to time.
- The Permission of the warden should be obtained in advance while going out of the hostel. The student will have to make entry to that effect in the register maintained at the hostel office. She must write the address of the place where she is going, along with contact telephone number.
- Students are not authorized to go out of station/leave station/night leave without prior Parents' approval in writing through
 their registered email ID, etc. and express permission of the Warden. A fine of Rs. 1,000/- per day will be imposed if any student is
 going on leave/home or elsewhere without prior permission from the Hostel Warden / Manager. All such cases will be liable for
 strict disciplinary action which may even lead to expulsion from hostel/restriction for University.
- 4. Student will ensure that they will enter their complete details in the in-out register. Wrong entry, improper / lack of entry in exit register, signing on behalf of another person, tampering with the entries, proxy attendance and misguidance of any nature are punishable.
- Students have to mark their attendance on biometric machine at the stipulated time daily. Non-compliance of the same is liable to fine and strict disciplinary action.
- 6. All girl students are expected to be back in the hostel by 9.00 P.M. (in Summers) & by 8.00 P.M. (in Winters) in the night. All students are required to sign on the attendance register kept with the hostel/manager positively on or before the stipulated time. Any student who fails to do so/refuses will be liable for disciplinary action. The parents and guardians will also be notified regarding their absence and explanations will be sought in writing.
- 7. A fine of up to Rs. 5,000/- will be imposed if any external/unauthorized person/student is identified along with a student in the hostel room/mess without prior permission of Warden/ Manager. Repeated offence will lead to expulsion from the hostel.
- 8. Guests are not allowed to stay in the hostel. Visitors (Parents, relatives, local guardians) are allowed to visit the hostellers in the Guest Room only, with permission of warden/manager, after entering their details in the Visitors' Register available at the Hostel Reception with the security guard. Visitors must leave the premises before 7.00 P.M. except on special occasion with the permission of the Warden.
- Students are personally responsible for the safekeeping of their valuables like Cash, Jewelry, Laptop, Mobiles and any other expensive items. Students should use their own locks and should take proper care of their belongings.
- 10. Students are not supposed to use any electrical Equipments/Gadgets in the hostel room such as Induction Plate, Room Heater, Electric Kettle, Electric Iron, Immersion Rod, Refrigerator etc. without prior permission of authority. A fine up to Rs. 5,000/- is imposed if anyone is found using the same for the first time and Rs. 15,000/- for the second time with confiscation of Gadgets/Equipments. A fine of Rs. 25,000/- or more is imposed if anyone is found using third time onwards and strict disciplinary action will be taken against them as decided by authorities.
- 11. Students should handle hostel equipments, furniture, mess property carefully and not abuse or tamper with it. If they do so,
- applicable fine will be charged by the hostel management.
- Students must switch off all lights and fans, and electrical appliances including mosquito repelling machines, if any, before leaving their rooms.
- Private cooking is not allowed in the hostel premises. If anyone is found guilty, than a fine up to Rs. 25,000/- can be imposed or disciplinary action will be taken on the recommendation of the University.
- Care is to be taken to avoid misuse of water coolers
- 15. Every case of illness and accident must be reported immediately to the hostel authorities. Students suffering from contagious disease will not be allowed to stay at hostel. Decision of the Warden/IHA Head in this regard will be final and binding.
- Substance abuse, Smoking/chewing of tobacco and related substances, consumption of alcohol, use of drugs and narcotics
 and even possession of such things is strictly banned in the hostel. Anyone found indulging in such things, a fine of up to Rs.
 25.000/- will be imposed.
- Possession of any lethal weapon or any instrument / contrivance, which is likely to cause physical harm to others, is strictly prohibited.
- $18. \ \ No function or celebration shall be organized at hostel premises except with the prior permission of the Warden/IHA Head.$
- Playing music/record player etc. loud enough to cause disturbance to his/her neighbor(s) is prohibited. Defaulters will be punished. Repeated acts will render cancellation of allotment of Hostel room.
- 20. Students are not permitted to take food to their own rooms. A fine up to Rs. 3,000/- will be imposed if anyone is found doing it.
- $21. \ \ Students \ will not enter rooms of other students \ without permission of the inmate (s).$
- 22. All matters relating to differences among students and complaints regarding theft shall be brought to the notice of the hostel management. No police complaint will be lodged by the student before taking prior permission from the hostel administration.
- Students indulging in use of abusive and threatening language, physical fights, use of force, etc. to get anything accomplished, etc. will be liable to disciplinary action. Further, they are liable to be expelled from the Hostel/University.
- 24. Students are requested not to paste or sketch on the walls and doors of their rooms. The furniture and fixture as per inventory list must be handed over to the designated staff member. Any damage/breakage to hostel property will be charged to the occupant(s) of the room along with penalty as decided by the competent authority. Disciplinary action may also be initiated
- occupant(s) of the room along with penalty as decided by the competent authority. Disciplinary action may also be initiated

 25. Students during their stay in the hostel will be governed by the hostel management rules. Students are instructed to cooperate with Warden/Manager as well as other staff of the Hostel/University.
- Spitting is strictly prohibited and the hostel premises are to be kept neat and clean.
- 27. The Hostel/University authorities will conduct surprise checks periodically and if anyone is found violating the rules, disciplinary action will be taken against him/her.
- 28. Students are requested to visit the Notice Board regularly. All instructions/ notices displayed on Notice Boards in the hostels will be deemed to have been read by all students and excuses of ignorance and consequent to non-compliance of the rules and instructions put up from time to time will not be accepted.

Room Allotment:

- Allotment of room, furniture etc. will be entirely at the discretion of the Warden.
- Hostel accommodation (room) is liable to be changed by the university at the end of every academic year or if necessary, at any
 point of time in exceptional circumstances. Student and Parents are expected to comply with the same.

REGULATIONS REGARDING MAINTENANCE OF DISCIPLINE AMONG STUDENTS

- (a) All powers relating to maintenance and enforcement of discipline and taking disciplinary action against the students shall vest in the Vice-Chancellor.
- (b) On the recommendation of Vice Chancellor, the Executive Council may, however, delegate any or all of the disciplinary powers, to such other Officers/Persons, as it may deem fit.
- (c) The Deans of Schools may be delegated powers to exercise disciplinary control over the students in their respective Schools.
- (d) Dean Students' Welfare may be delegated powers to exercise disciplinary control over the students staying in Hostels and for the act of indiscipline committed in common areas of the University campus.
- (e) Without prejudice to the generality of the power to maintain and enforce discipline under this ordinance, the following shall constitute as an act of misconduct on the part of a student of the University:
 - (I) Physical assault or threat to use the physical force against any member of the teaching or non-teaching staff of the University or against any student of the University.
 - (ii) Remaining absent from a class, test or examination or any other curricular or co-curricular activity without permission of the competent authority;
 - (iii) Carrying of, use or threat to use any weapon;
 - (iv) Misbehaviour with a member of Faculty, Staff or a fellow student.
 - (v) Encouraging or indulging in violence or any act of moral turpitude;
 - (vi) Violation of status, dignity and honour of a student belonging to scheduled caste, Scheduled tribe or a socially deprived class.
 - (vii) Discrimination against any student or staff on grounds of Nationality, Caste, Creed, Language, Place of origin or Social and Cultural background;
 - $(viii) \quad Practicing \ casteism \ and \ untouchability \ in \ any \ form \ or \ inciting \ any \ other \ person \ to \ do \ so;$
 - (ix) Any act, whether verbal or otherwise, derogatory to the status of a woman;
 - (x) Any violation of the provisions of the Civil Rights Protection Act, 1976;
 - (xi) Any form of gambling;
 - (xii) An attempt at bribing or corruption of any manner or description;
 - (xiii) Wilful destruction of the University property;
- (xiv) Behaving in a rowdy, intemperate or disorderly manner in the premises of the University or encouraging or inciting any other person to do so;
- (xv) Creating discord, ill-will or intolerance among the students on sectarian or communal grounds or inciting any other student to do so:
- $(xvi) \quad \text{Causing disruption in any manner or description of the academic functioning of the University}; \\$
- (xviii) Indulging in or encouraging any form of disruptive activity related with the assessment or the examination work or any other activity of the University.
- (xix) Absenteeism and unpunctuality;
- (xx) Indulging in an act of Ragging.
- $(xxi) \quad Use of drugs or other into xicants \, except \, those \, prescribed \, by \, a \, qualified \, doctor; \\$
- $(xxii) \ \, \text{Any other act that may be construed to be against the rules of the University, viz:} \\$
 - $\bullet \ \ An act of sexual harassment perpetuated against a student, employee or a visitor in and around the University campus.$
 - Resorting to mass bunks.
 - Participation in any political activity.
 - Staging Dharna or any other form of protest.
 - $\bullet \quad \mathsf{Committing}\, the \mathsf{ft}\, \mathsf{of}\, \mathsf{equipments}, \mathsf{books}, \mathsf{appliances}\, \mathsf{and}\, \mathsf{gadgets}.$
- (f) The Vice-Chancellor, on the recommendation received from Chief Proctor through the Dean Students Welfare or a Committee appointed by him, and in exercise of the powers vested in him, order or direct that a student:
 - $i) \qquad \text{be expelled from the University, in which case he shall not be re-admitted to any programme in the University in future,} \\$
 - (ii) be, for a stated period, rusticated in which case he shall not be admitted to any programme in the University, till the expiry of the period of rustication;
 - (iii) be, for a stated period, not admitted to a course or courses,
 - (iv) be imposed fine of a specified amount of money;
 - (v) be debarred from taking examination(s) for a specified period;
 - (vi) be punished by cancellation of examination results.
 - (vii) be placed on probation for such period as may be specified in the order



INTERNAL COMPLAINTS COMMITTEE (ICC)

 $The \ University \ had \ constituted \ an' Internal \ Complaints \ Committee' (ICC) \ vide \ its \ notification \ nos. SU/Reg./Notification/2018/411.$

S.No.	Name of the Committee Member(s)	Designation(s)/ Depts.	Women/ Men	Composition(s)	Term of Office
1.	Dr. Ekta Chaudhary	Professor, SDS	w	Presiding Officer	Three years
2.	Dr. Pooja Rastogi	Professor, SMS&R	w	Faculty Member	One year
3.	Ms. Yashodhara Raj	Asstt. Professor, (Adhoc) SHSS)	w	Faculty Member	Two years
4.	Ms. Renu Bhatia	Dy. Director, HR (Medical)	w	Non-Teaching Member	Two years
5.	Mr. Desh Ratan	Admin. Officer (Chief Proctor Office)	М	Non-Teaching Member	Three years
6.	Ms. Rashmi Kumari	3rd year of SMS&R	w	UG Student	One year
7.	Dr. Lavina Bhatnagar	2nd Yr. MDS (SDS)	w	PG Student	One year
8.	Mr. Atar Singh	Research Scholar, SBS&R	М	Research Scholar	One year
9.	Ms. Sudipta Roy	Member from Sahaj	w	One Member from NGO/Social Worker/ Public Representative (committed to the cause of women)	One year

ANTI-RAGGING COMMITTEE

OFFICE OF THE REGISTRAR

The Notification no. SU/Reg./Notification/2018/494 in reference to the Anti-Ragging Committee was issued on dated July 4, 2018 by the Office of the Registrar. In order to ensure implementation of the Policy of Zero Tolerance for ragging of any kind within and outside the University. This notification will be effective from 16th July, 2019. The details are as given below:

S.No.	Name(s)	Designation(s)	E-mail ID(s)	Mobile No's
1.	Prof. S.S. Gulati	Professor, Dept. of Obs. & Gynae (SMS&R) & Chairman of the Committee	ss.gulati@sharda.ac.in	9818087597
2.	Prof. Pradeep Kulshrestha	Dean, School of Law	pradeep.kulshrestha@sharda.ac.in	9718882529
3.	Prof. M. Siddharth	Dean, School of Dental Sciences & Prof. & Head, Dept. of Periodontics of School	m.siddharth@sharda.ac.in	9810256106
4.	Prof. Eqbal Ahmad	Professor (SCADMS)	eqbal.ahmad@sharda.ac.in	9891343811
5.	Dr. Shalini Shrivastava	Professor (SMS&R)	shalini.srivastava@sharda.ac.in	8285662039
6.	Dr. Pallavi Gupta	Assoc. Professor (SET)	pallavi.gupta2@sharda.ac.in	8800998813
7.	Dr. Pramod Kumar	Assoc. Professor (SHSS)	pramod.kumar1@sharda.ac.in	9818044504
8.	Dr. Geeta Durga	Assoc. Professor (SBS&R)	geeta.durga@sharda.ac.in	9811388026
9.	Dr. Mridul Dharwal	Assoc. Professor (SBS)	mridul.dharwal@sharda.ac.in	9212523101
10.	Mr. Sandeep Kr. Singh	Asstt. Professor (SET)	sandeepsingh.ec@sharda.ac.in	9891833637
11.	Ms. Suman Lata Dhar	Asstt. Professor (SET)	suman.lata@sharda.ac.in	9871252413
12.	Sr. Security Officer	Sr. Security Officer (SSO)	security@sharda.ac.in	9310549312
13.	Mr. Sharat Chandra	Chief Warden, IHA and Member Secretary	sharat.chandra1@sharda.ac.in	9205586069

The members of Anti Ragging Squad, SMSR, will perform the following duties:-

- 1. Will visit the hostels/dining Hall/canteen, in coordination with the Dean of student Welfare.
 2. Will deal strictly with zero tolerance, if any incidence of ragging is noted by them. They will seek advice from Dean of student Welfare.
 3. All members of Anti Ragging Squad will entertain & give a patient listening to all/any complaint received by them regarding Ragging/harassment and all such complaints will be brought to the notice of Dean of student Welfare & Dean SMSR.

POLICY FOR PERMITTING CHANGE IN SPECIALIZATION (MBA)/ STUDY ABROAD PROGRAMME (BBA AND MBA)

For Change in Specialization

Case	Remarks
A student who has opted for dual specialization and needs to change to single specialization.	The student is allowed to change the specialization by the end of the first semester, no change will be allowed there after. However, the fee paid will not be refunded or adjusted.
A student who has opted for single specialization and needs to change to dual specialization.	The student is allowed to change the specialization by the end of the first semester, no change will be allowed there after. The student would be required to pay the fee for dual specialization program.
A student can change from single specialization to other single specialization	The student is allowed to change the specialization by the end of the first semester, no change will be allowed there after.

 $\textbf{Note:} A student \ who \ wishes to \ change \ his/her \ specialization (dual \ to \ single, single \ to \ dual \ \& \ single \ to \ single) \ is \ required \ to \ submit \ an \ application for \ the \ change \ to \ the \ Assistant \ Registrar, School \ of \ Business \ Studies \ by \ the \ end \ of \ the \ first \ semester.$

For change in International Immersion Programme

Case		Remarks
Student who have opted international imm due to any genuine reasons cannot avail the		The case will be considered only after thorough verification by the AR office of the respective school.
Student who later wish to opt for inte programme	ernational immersion	May be allowed to do so. However, the student would be required to pay the fees as calculated .

Note:

- · The International immersion programme for BBA students will be held at the end of the second year.
- The International immersion programme for MBA students will be held at the end of the first year.
- The student of the MBA Integrated program will avail the international immersion programme only once during the entire programme (If they have opted for foreign study tour)
- The students who have opted for international immersion programme should keep their passports ready by the end of the first semester.

For Change in Specialization in B.Tech.

In second year for change in specialization in B.Tech. is allowed only of a student who has secured more than 8.00 CGPA and for B.Tech (CS) 8.50 CGPA in first year with duly permitted by HoD/Dean/Director Admission.

LIVING IN **GREATER NOIDA**

Sr. No.	Shopping Areas	Distance
1.	The Grand Venice Mall, Near Pari Chowk, Greater Noida	6.4 km
2.	Ansal Plaza Mall , Pari Chowk, Greater Noida	around 2 km
3.	MSX Mall, Swarn Nagari, Greater Noida	6.3 km
4.	Sector Alpha-I Commercial Centre	around 3 km
5.	Jagat Farm Shopping area in Sector Gama -l	around 2 km
6.	Rampur Jaggir Shopping area in Sector Beta-I	around 4 km
7.	Tugalpur Shopping area, behind Ansal Plaza Mall. It has the main vegetable market also	around 3 km
8.	Omaxe Connaught Place Mall, Beta II, Greater Noida	around 3.5 km

How to reach: Take an Auto/Shared OLA just outside the main gate of Sharda University and tell the driver the name of the place. It $will \, cost \, you \, Rs. \, 50/\text{-} \, single \, trip. \, You \, can \, pay \, less \, if \, you \, share \, an \, auto \, with \, others.$

Theatres/Movie Halls

- Omaxe
- Inox
- CP Mall
- The Grand Venice mall
- NRI City Ansal Plaza

More options for shopping/going out

Great Indian Place (GIP): located in Noida, GIP is a very big shopping mall with a lot of hops and café/restaurants.

Mall of India: located in Noida, the first destination Mall of the country

Wave Mall Noida: located in Noida. Spread in an area of more than 3-lakh sq. ft with 5 movie theatres, kids' zone, food court etc.

How to reach: Take an auto from Sharda University to Pari Chowk (nearby Ansal Plaza). Go to Noida by bus. Take an auto to the destination. You may also hire the taxi online/shared cab.

Nehru Place: Nehru Place is a large commercial, financial, and business centre in Delhi, India. It is widely considered to be a major information technology hub of South Asia.

 $\textbf{Palika Bazaar:} \ Palika \ Bazaar, is an underground \ market \ located \ between \ the \ inner \ and \ outer \ circle \ of \ Connaught \ Place, \ Delhi, \ India.$

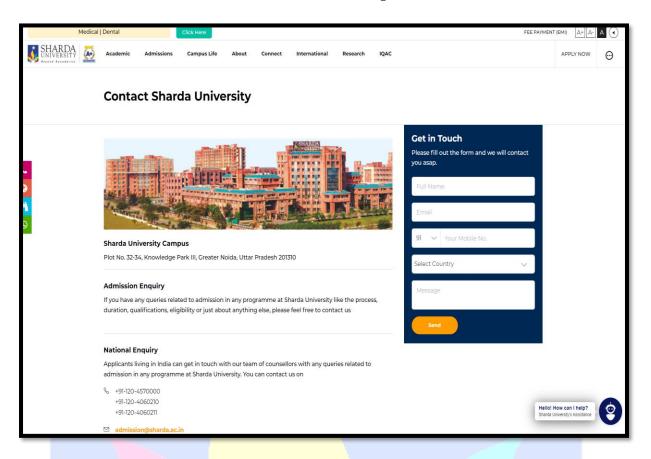
LIST OF POPULAR RESTAURANTS IN CAMPUS AND AROUND SHARDA UNIVERSITY

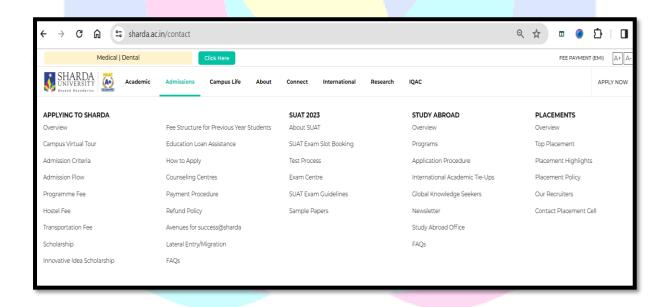
Restaurants	Address	Contact
Bikanervala	Plot no. 21 tower B IT Square, Knowledge Park III, Greater Noida	087542 35698
The Crème Castle	Ansal Plaza Mall, 2nd Floor, Pari Chowk, Greater Noida	0120-4263333
Haldiram's	MSX Mall, Swarn Nagari, Greater Noida	08588000504
Swagath Restaurant	P-2, Omega 1, Opposite AWHO Apartment, Greater Noida	011-49981100
Sparkle	Jagat Farm, Greater Noida	08826308777
Dawat Restaurant & Bar	10, Shopping Complex, Gamma I, Greater Noida	09910631111
Dominos Pizza	G-5-6, Om Tower , Alpha Commercial Belt, Alpha-1, Greater Noida	18602100000
Pind Balluchi	Ansal Plaza, FC012, 2nd Floor, Sadarpur, Greater Noida	09717226755
Burger King	Block H, Beta II, Greater Noida	011-33558000
Pizza Hut	Ground Floor, Ansal Plaza, Greater Noida	011-39883988
Barbeque Nation	Block H, Beta II, Greater Noida	084472 16060

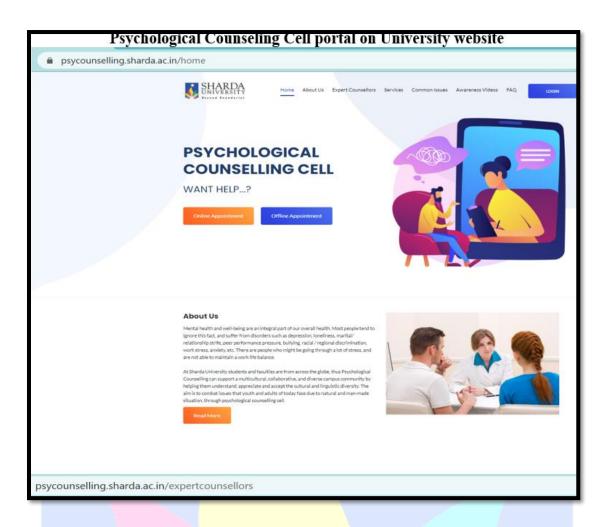
HOTELS IN GREATER NOIDA

TOTALS III GILLII TOTAL				
Hotels	Address	Contact		
Radisson Blu	C-8, 2nd Cross Avenue Road, Kasna, Greater Noida	0120-4517777		
Crowne Plaza	Surajpur Chowk, Near Yamaha Company, Greater Noida	0120-6735000		
Jaypee Delcourt	G-Block, Surajpur Kasna Road, Greater Noida	0120-6605000		
Savoy Suites	Noida-Greater Noida Expy, Amit Nagar, Sadarpur, Greater Noida	0120-3355600		
Hotel Caspia Pro	Wegman's Business Park Plot No. 3, Knowledge Park-III, Greater Noida	0120-6651711		
The Stellar Gymkhana	R-1, Knowledge Park-II, Greater Noida	0120-4647500		
Park Plaza	Kendriya Vihar-II, Sector 82, Noida	0120-4678888		
C INN Hotel	Surajpur Kasna Road, Greater Noida	09873093672		
Formule1	Wegman's Business Park Plot No. 3, Knowledge Park-III, Greater Noida	0120-6651711		
Qube Studios-Habitech	Plot No 9, Knowledge Park III, Near Globus IT Park, Greater Noida	09910521779, 09910701589		

Admission related web-portal

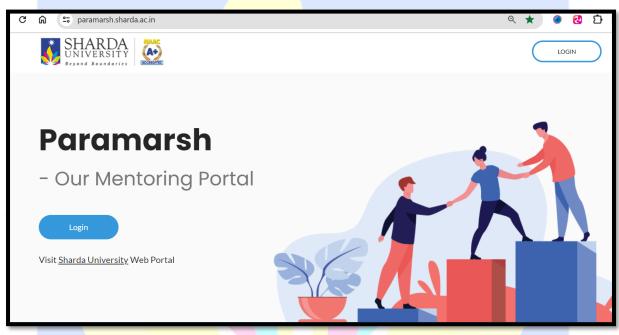


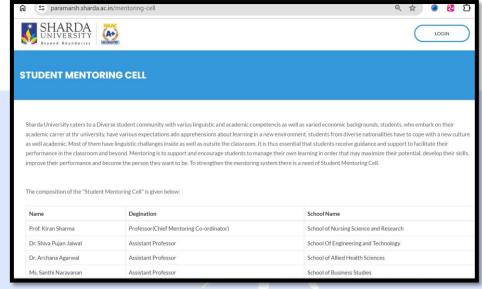


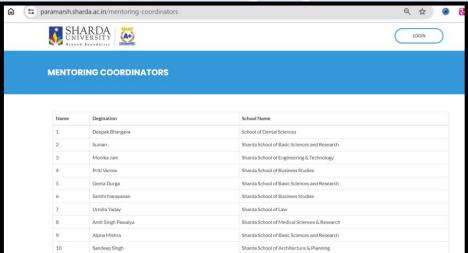






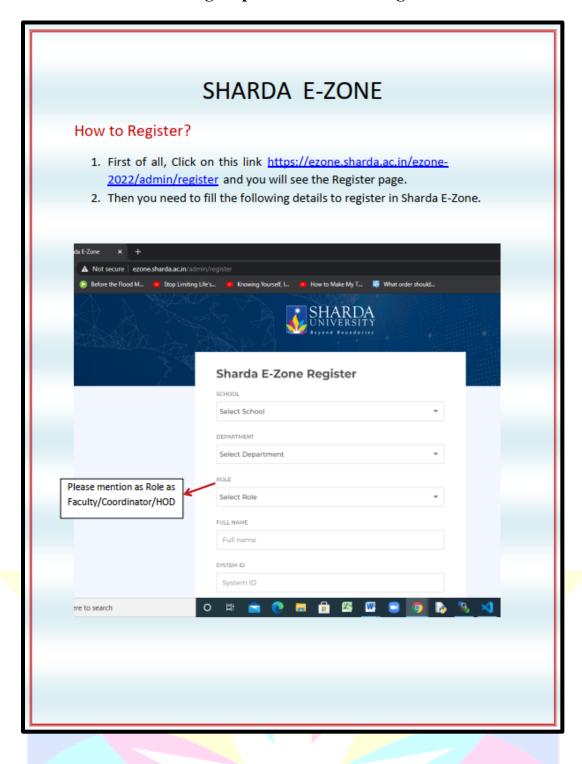


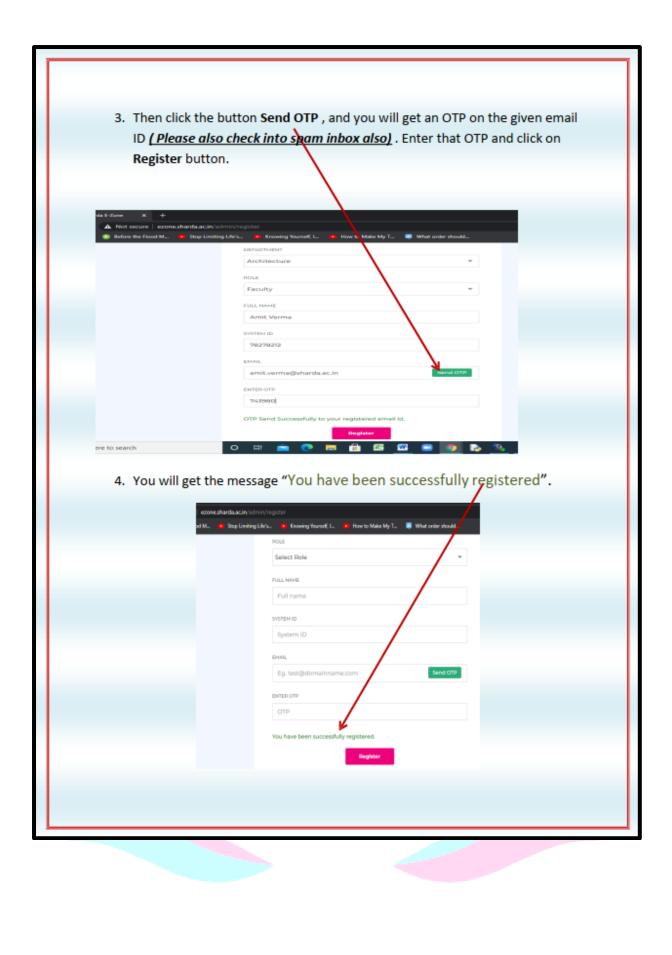




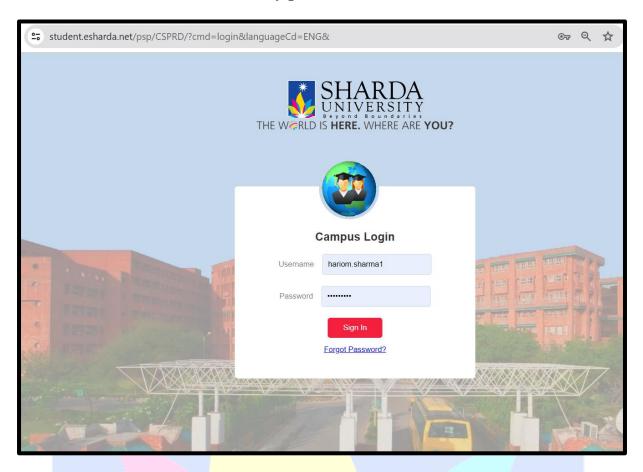
11	Kiran Sharma	Sharda School of Nursing Science and Research
12	Preeti Rani	Sharda School of Basic Sciences and Research
13	Rani Astya	Sharda School of Engineering & Technology
14	Hema Arya	Sharda School of Pharmacy
15	MRIDULA GUIN	Sharda School of Basic Sciences and Research
16	Poonam Thakur	Sharda School of Nursing Science and Research
17	Meenakshi Verma	Sharda School of Allied Health Sciences
18	Soumya Pandit	Sharda School of Basic Sciences and Research
19	Swati Hazra	Sharda School of Agricultural Sciences
20	Meenal Dharia	Sharda School of Humanities & Social Sciences
21	Amrita Akhilesh Sivasanker	Sharda School of Nursing Science and Research
22	Akansha.	Sharda School of Allied Health Sciences
23	Deepak Kumar	School of Dental Sciences
24	Shivani Chandra	Sharda School of Architecture & Planning
25	Aditi Rikhari	Sharda School of Allied Health Sciences
26	Priyanka Mathew	Sharda School of Education
27	Radhika Visalam Krishnamoorthy	Sharda School of Humanities & Social Sciences
28	Shivani Tomar	Sharda School of Humanities & Social Sciences
29	Shishir Kumar Singh	Sharda School of Media, Film and Entertainment
30	Rekha Bawa	Sharda School of Business Studies

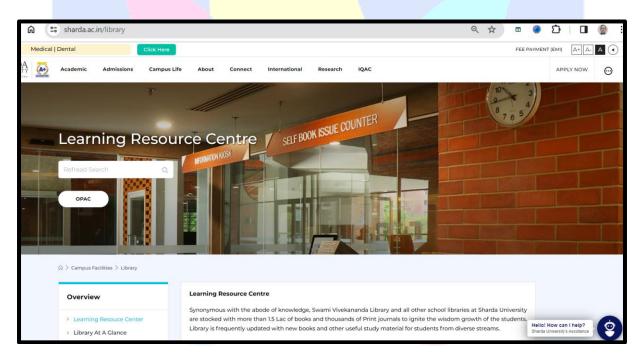
E-zone digital portal for data management





University portal for Students







VISION OF THE UNIVERSITY



To serve the society by being a global University of higher learning in pursuit of academic excellence, innovation and nurturing entrepreneurship.

MISSION OF THE UNIVERSITY



- 1. Transformative educational experience
- Enrichment by educational initiatives that encourage global outlook
- Develop research, support disruptive innovations and accelerate entrepreneurship
- 4. Seeking beyond boundaries

CORE VALUES



- Integrity
- Leadership
- Diversity
- Community





To establish a balanced civil society Human Values and Professional ethics are inevitable. The present policy framework reiterates the need and process to create high-quality practices and environment backed with human values and professional ethics at Sharda University, Greater Noida to guide the stakeholders to achieve excellence and reputation. Abiding by the guidelines of values and professional ethics the university will achieve the highest personal, professional and ethical standards.

HUMAN VALUES

"A value is defined as a principle that promotes well-being or prevents harm".

Human values are closely related to human life and it is unrealistic to think the human life without values. Human values are those universal concepts, drivers of action which are found in all cultures, all societies, all times and in all places where human being seek out their lives. Human value refers to the virtuous merits such as honesty, integrity, truthfulness, compassion, helpfulness, love, respectfulness, hard-work; etc. It is concerned with principles and best practices of values of a human. Values or moral are the ideals or principles that individual follows to discriminate the correct from the incorrect. These principles or qualities are considered as well-intentioned in building up the personality of an individual.

SIGNIFICANCE OF HUMAN VALUES

- Make available the understanding of the attitudes, motivation and behaviours.
- Impact the consciousness of the world around.
- Signifies clarification of "factual and erroneous".
- Offers a technique to realize humans and organisation.

TYPES OF VALUES

We at Sharda University always give great emphasis to our one of the core values i.e. Integrity by maintain the highest personal, professional and ethical standards. We always believe in acting with honesty, courage and trust through transparency and fairness by collective and individual act. In terms of Leadership we believe in cultivating a culture of genuine sincerity, trust and collaboration at all levels through fostering value-based leadership among faculty members, students and staff in all their actions. University also serves the society while respecting rights of everybody via Community connect approach.

PROFESSIONAL ETHICS

Conventional a set of standards adopted by professionals is known as professional ethics. It is nothing but a code of conduct pertinent to diverse occupations and is established by the proficient associates of such profession or professional organizations. Every professionhas its professionalethics: engineering, basic sciences, management, pharmacy, medical and allied health sciences, law, etc. Ethics is the set of ethical standards that applies to the all of profession mentioned above.

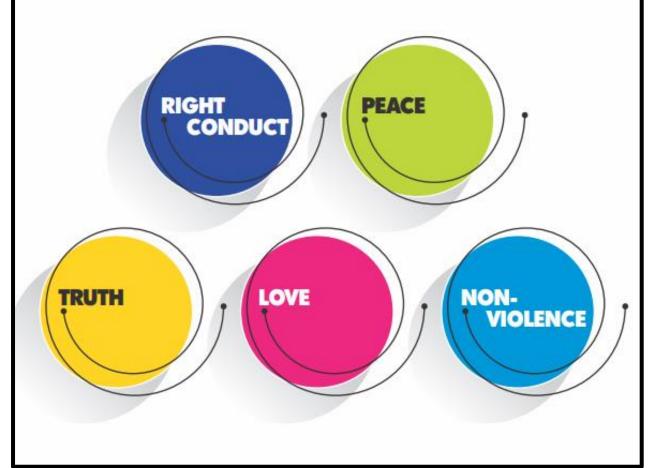
To help to mentor the students, faculty member and staff in performing their job functions perfectly according to comprehensive and reliable ethical principles, codes of professional ethics in Sharda University has been implemented. Some of the important components of professional ethics like integrity, honesty, transparency, respectfulness towards the job, confidentiality, objectivity etc. are already in the core values of Sharda University.

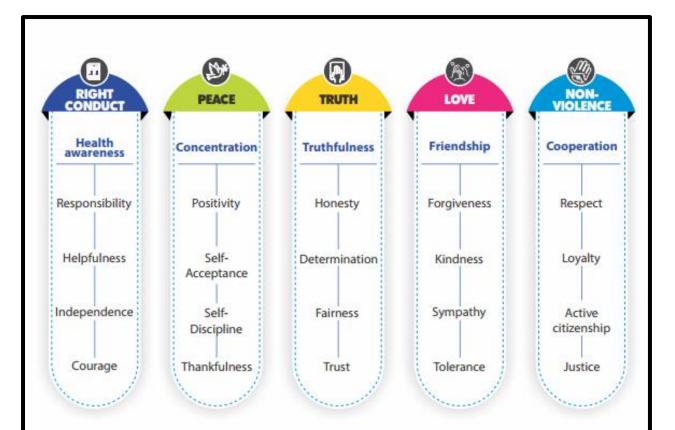
OBJECTIVES

The objectives of this policy framework to inculcate human values and professional ethics in Sharda University are the following:

- (1) To reinstate the rich cultural legacy and human values of which we are the custodians.
- (2) To focus on professional ethics which are broader indicators of desirable actions vis-à-vis undesirable actions.
- (3) To lay down broader guidelines of values and ethics for internal and external stakeholders.
- (4) To suggest operational guidelines for value-based and ethical practices in the university leading to implementation and monitoring.
- (5) To indicate the outcomes of creating a value-based and ethical culture
- (6) To suggest indicative reinforcement programmes for nurturing human values and ethics at Sharda University.

To achieve the above objective, Sharda University expect to all of the stake holders of the University to ensure about the *five prime human values* and its associated features.





OUTCOMES

The first and foremost outcome of this endeavour is to inculcate values and ethics. Each of the physical infrastructure, psychological infrastructure, knowledge infrastructure and financial infrastructure needs to be glowing with values and ethical practices. It is crucial to have the big things at place but it is also important to have the smallest things at the place. To create such an environment, following five systems need to be created:

- (1) The learning process for holistic development
- (2) Impeccable governance
- (3) Effective institutional management
- (4) Well laid system of rewards and chastisement
- (5) Institutional climate where 'rights' enjoy and 'wrongs' are discouraged.

VALUES AND ETHICS FOR STAKEHOLDERS

The success of Sharda University's mission and vision is driven by value-based ethical behaviour of its committed faculty members, officers, staff and students. Thus, the university is committed to imbibe core value and ethical behaviour into the daily interactions of stakeholder groups. These stakeholders of the university is faculty, students, administrators or others, should be guided by the following core values:

- (1) Integrity— adhering to a conduct of duties in righteous manner and in accordance with the principles of honesty, trust, transparency and fairness.
- (2) Trusteeship Operating in an efficient, ethical and true manner while ensuring group participation and a system of check and balances within the institution.
- (3) Harmony- Balancing the diversity and difference through a culture of tolerance, discussion and forgiveness among stakeholders
- (4) Accountability Enabling the environment of openness and trust to accommodate mistake and to encourage individual in taking the responsibility of one action.
- (5) Inclusiveness Adopting standards, policies and procedure to promote and ensure equal opportunity, without any discrimination against an individual or a group, for education, employment, promotion and other activities in an institution
- (6) Commitment- Dedicating to the vision and mission of the institution while cultivating one's knowledge, skill and attitudes to achieve excellence in due time and regulatory boundaries.
- (7) Respectfulness- Creating an environment of mutual respect, trustworthy and quality interaction as well as fair participation by functionaries and beneficiaries of the institution.
- (8) Belongingness- Fostering a shared vision of institute to make everyone feel secure, supported, accepted and included.

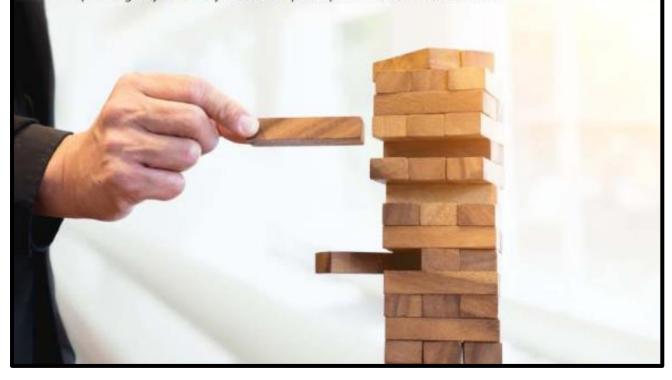
(9) Sustainability— Ensuring optimal resource utilization-economic, environmental and social-to achieve long lasting and safe future.



UNIVERSITY LEVEL ACADEMIC ADMINISTRATION

It would include Vice-chancellor, Pro Vice-chancellor / Rector, Deans of Various Faculty, Heads of Departments, Director of Institute, Proctor, Registrar, Finance Officer, Academic Statutory Bodies, etc. The authority would

- Be responsible, as the principal academic and administrative officer of Sharda University, to see that the provisions of Acts/Statutes/Ordinances and Regulations of the university are duly observed and business of the university is carried out in strict adherence thereto.
- 2. Comply with laws, rules, and regulations of the government applicable to the university as HEI
- Provide inspirational and motivational value-based academic and executive leadership to the HEI through policy formation, operational management, optimization of human resources and concern for environment and sustainability.
- Conduct with accountability, transparency, fairness, honesty, highest degree of ethics and decision
 making that is in the best interest of the university.
- Act as an agent of social change for national development and, therefore, strive for creating an environment conducive for teaching, learning, research and for development of the potential of the university to the maximum extent.
- Follow the objectives and policies of HEI and contribute constructively to their ongoing evaluation and reformulation.
- 7. Maintain the confidentiality of the records and other sensitive matters.
- Endeavour to promote a work culture and ethics that brings about quality, professionalism, satisfaction and service to the nation and society.
- 9. Refrain from any misappropriation of financial and other resources.
- Refuse to accept any gift, favour, service, or other items from any person, group, private business, or public agency which may affect the impartial performance of his/her duties.



GOVERNING BODY

The function of the governing body is to ensure that the organization fulfills its overall purpose, achieves its intended outcomes and operates in an efficient, effective and ethical manner. The members would

- 1. Work in the best interest of the university
- 2. Work co-operatively with fellow members in carrying out their responsibilities.
- 3. Act honestly and in good faith at all times in achieving institute's intended outcomes.
- 4. Maintain the confidentiality of information.

ADMINISTRATIVE/ SUPPORT STAFF

Administrative/SupportStaffwould:

- Carry out official decisions and policies faithfully and impartially, seeking to attain the highest possible standards of performances.
- 2. Encourage the staff to maximize their efficiency.
- Create conditions that inspire teamwork.
- Act timely to readdress the genuine grievances.
- 5. Maintain the confidentiality of the records and other sensitive matters.
- 6. Co-operate and liaision with colleagues, as appropriate, to ensure students receive a coherent and comprehensive educational service.
- Care for the institute's property.
- 8. Facilitating congenial environment.
- 9. Refrain from any form of discrimination.
- 10. Not accept bribes or indulge in any corrupt practices.
- 11. Make every effort to complete the assigned work in a time-bound manner.

TEACHERS

Teaching is a very noble profession. A teacher has a very crucial role in shaping the character, personality and career of the students. The Teachers would

- 1. Act as a role model for students by displaying good conduct, set a standard of dress, speech and behavior worthy of example to the students.
- 2. Act as friend, philosopher and guide of students.
- $3. \quad Help \, students \, in \, identifying \, their \, potential \, and \, support \, through \, counseling \, and \, mentoring.$
- Create a conducive environment for teaching–learning process and strive for innovative practices and knowledge creation.
- 5. Observe punctuality in teaching and other duties.
- 6. Exhibit decent behaviour with all.
- 7. Refrain from harassment of student in any form.
- 8. Actively participate in institutional development.
- 9. Refrain from any type of discrimination
- Inculcate human values, scientific outlook and concern for the environment among students and others.
- 11. Develop an understanding of our heritage.
- Encourage students to actively participate in scheme/ activities of national priorities.
- Cooperate with the university authorities for betterment of the university.
- 14. Actively work for national integration and communal harmony.
- 15. Be sensitive to societal needs and development.
- 16. Abide by Act, Statutes, Ordinances, rules, policies, procedures of the university and respect its ideals, vision, mission, cultural practices and the traditions.



EXTERNAL EXPERTS/INVITEES AS MEMBER OF VARIOUS COMMITTEES

External experts/Invitees would

- Support decisions with an approach such that they have no axe to grind.
- Help to take the right decision through their expertise and impartial views
- 3. Help an institution to enable attaining highest quality and standards.

STUDENTS

Students would make the best use of the golden part of their lives in HEIs by devoting their energy for learning and developing a wholesome personality. Students would

- Abide by Act, Statutes, Ordinances, rules, policies, procedures of the university and respect its ideals, vision, mission, cultural practices and the traditions.
- Stay in an academic institution with the joyful learning experience.
- 3. Remain punctual, disciplined and regular in attending classes.
- 4. Observe modesty in their overall appearance and behaviour.
- 5. Behave with dignity and courtesy with teachers, staff and fellow students.
- 6. Act as a role model for the junior students by attaining the highest level of values and morality.
- Maintain harmony among students belonging to different socio-economic status, community, caste, religion or region.
- 8. Contribute towards cleanliness of the campus and surroundings.
- Respect and care for the institutional properties.
- 10. Observe proper behavior while on outside activities (educational tour/visit or excursion).
- 11. Be honest in providing only truthful information on all documents.
- Maintain the highest standards of academic integrity while presenting own academic work.
- 13. Help teachers in maintaining the learning environment conducive for all students.
- 14. Strive to keep campus ragging free.
- Be sensitive to gender issues.
- Be sensitive to societal needs and development.
- Maintain good health and refrain from any kind of intoxicants.

STUDENT UNION

The student union would

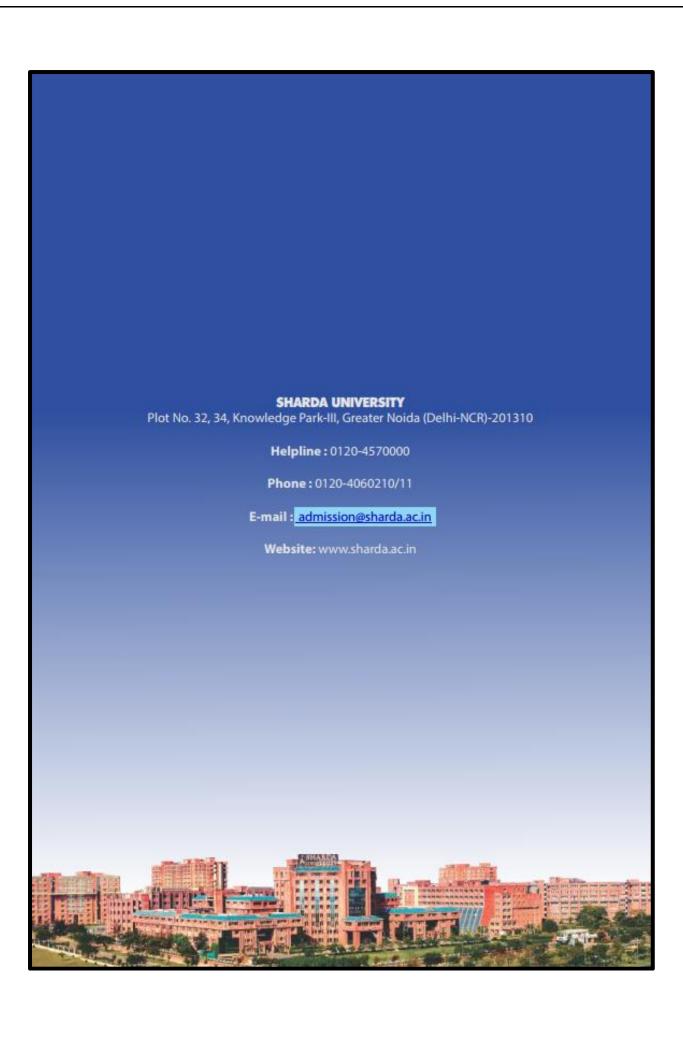
- Support the administration for right and timely decision.
- Raise legitimate issues in dignified manner.

PROMOTERS OF EDUCATIONAL INSTITUTIONS IN CASE OF PRIVATE INSTITUTIONS AS STAKEHOLDERS AND ETHICS

A promoter of an educational institution would

- Establish an educational institution of high quality.
- Keep the interest of quality education as of highest priority compared to any other priority.
- Creating a learning environment for developing socially sensitive students.







32, 34, Knowledge Park-III, Greater Noida - 201310 (Delhi-NCR)

REGISTRATION FORM

ACADEMIC SESSION 2022-23

nrolment No				System ID .					
			(For Office	e Use Only)					
ERSONAL DE	TAILS O	FTHE	STUDENT:						
First Name:					Last Name	e:			
Landline No.:					Mobile No).:			
Email Address:									
Date of Birth: D	ay	Mo	nth Yea	r	Gender: N	1ale 🔃	Fer	male 🔃	
Address i. Corre	spondence	a:							
	.sporracire		ct						
			try						
II. Perm	nanent:	Distric		State					
			try						
		Coun	ry			PIN .			_
Religion:	i) Hin	du 🔃	ii) Muslim	iii)	Sikh		iv) Chris	stian 🗌	
	v) Jainis	sm 🗀	vi) Buddhism	vii) O	thers				_
Category:	i) Ger	neral		Yes		No			
	ii) S.C			Yes		No			
	iii) S.T	Г.		Yes		No			
	iv) O.	B.C.		Yes		No			
	v) EW	/S		Yes		No			
	vi) Di	fferently	y abled	Yes		No			
DUCATIONA	L QUAL	FICATI	ONS:						
Class/Degree	Year of Pa	assing	Board/University	School/Colleg	ge Perc	entage	Marks v	vith Sub	ojec
X th									
XII th					Agg.%	MO MM	MO MM	Math. MO	M M
Graduation		$\overline{}$			-	MIN	IVIIVI	MINI	167
Additional Qualification (if any)									

PERSONAL	INFORM	ATION:
PERSUNAL	INFORM	AIION:

Father's Name:	First Name:	Last Name:
Mother's Name:	First Name:	Last Name:
Mobile No. with Country Code:	Father:	Mother:
Landline No. with STD/ISD Code	2::	
Email Address (Father):		
Email Address (Mother):		
Occupation of Parents	Father:	Mother:
Educational Qualification of Parents	Father:	Mother:
Name of Employer/Company (in any)		

Verified that the information given above is true to the best of my knowledge and if any fact is found to be incorrect at any time during my stay in the University, the University shall have the right to penalise me as per the rules and regulation of the University.

Date:

Place: (Signature of the Candidate)

(Name of the Candidate)



UNDERTAKING BY THE STUDENT

1)	I,(full name of student)System ID
	S/o, D/o, has been admitted to
	(programme) at School of
	, Sharda University, Greater Noida.
	Uttar Pradesh. I hereby state that I understand the UGC Regulations on Curbing the Menace of Ragging in Higher
	Educational Institutions, 2009, (hereinafter called the "Regulations") and that I have carefully read and fully
	understood the provisions contained in the said regulations.
2)	I have, in particular, perused clause 3 of the said regulations and am aware of what constitutes ragging.
3)	I have also, perused clause 7 and clause 9.1 of the regulations and am fully aware of the penal and administrative
	action that is liable to be taken against me in case I am found guilty of or abetting ragging, actively or passively, or
	being part of a conspiracy to promote ragging.
4)	I hereby solemnly resolve and undertake that
	 a. I will not indulge in any behavior or act that may be construed as ragging under clause 3 of the regulations.
	b. I will not participate in or abet or propagate through any act of commission or omission that may be construed
	as ragging under clause 3 of the said regulations.
5)	I hereby affirm that if found guilty of ragging, I am liable for punishment according to clause 9.1 of the regulations,
	without prejudice to any other criminal action that may be taken against me under any penal law or any law for
	the time being in force.
6)	I hereby declare that I have not been expelled or debarred from admission in any institution in the country on
	account of being found guilty of, abetting or being part of a conspiracy to promote ragging and further affirm
	that, in case the declaration is found to be untrue, my admission is liable to be terminated.
De	clared onday ofmonth ofyear.
De	day of
Sid	nature of Student
٠.,	
	VERIFICATION
Ve	ified that the contents of this undertaking are true to the best of my knowledge and no part of the undertaking is
	e and nothing has been concealed or misstated therein.
Ve	ified at (place) on this (day) of (month), (year)
Ve	ified by
	,



UNDERTAKING BY THE PARENT

_	of Student:
Course	e
Year:	System ID
Brancl	n
	of Father/ Guardian :
1. Lu tutoria groun and or 2. Icl Se ab 3. Lu dis 5. If r dis be 6. Th en 7. I/V assev	inderstand that as per the Sharda University regulations my ward is required to attend all the classes including lecturers, als, labs and workshops as applicable. I also know that relaxation is available upto 10% on medical and/or other legitimate in satisfaction of concerned authorities. It is granted in situation of illness needing hospitalization of longer duration in satisfaction of concerned authorities. It is a bove norms of class attendance will debar my ward from appearing in the Midmester Exam (MSE)/End-Semester Examination (ESE). It therefore undertake to ensure my ward's class attendance as per love norms. Indertake that my ward will maintain high standards of discipline and follow the University/hostel rules strictly. Iffirm that my ward will not include in the act of ragging, and if so found, the University will be at liberty to take any sciplinary action in accordance with the orders of the Hon'ble Supreme Court of India. In ward is found involved in any undesirable activity, directly or indirectly, inside or outside the campus, necessary sciplinary action may be taken against my ward as deemed fit including expulsion from the University. The action taken will be inding on me and I will co-operate with the University authorities. In at I/We hereby confirm that we have received detailed Hostel Manual, read the same carefully and commit ourselves to insure its compliance. We certify that the phone nos., personal Email IDs and residential address provided to the University by us are correct. We sure that the Email ID created by the University and its password for our use shall be kept confidential and shall not be shared en with my ward and all the communications will be done through that mail ID. In posed that I have understood the conditions and rules as given above and shall ensure that my ward abides by them
Full A	ddress:
	No: Mobile No:
a. Th b. Th c. Th d. Th	tudent undertake the following:- at I have understood and will follow all the instructions mentioned in Para 01 to 05 listed above. at I will maintain the sanctity of the campus. at I will not use offensive language against anybody that may cause him/her embarrassment or may amount to an insult. at I will maintain discipline and good behavior inside and outside the campus to uphold the dignity and prestige of the
a. Th b. Th c. Th d. Th Ur e. Th for	No: Mobile No:



DECLARATION OF LOCAL GUARDIAN

	_		_	
Photograph of Student				Photograph of Local Guardian
	_			
Name of Student				
Course	:			
Year & Semester	:			
Branch & Section	:			
Name of Guardian	:			
	:			
Address of Guardian	:			
Mobile No.	:			
Tel No. with STD Code	:			
Tel No.	:			
Office/Work Address	:			
Email ID	:	1		
		2		
1		do hereby declare tha	+ Mr /Mc	
admitted in Sharda Universi				
local guardianship and I sha otherwise for issues pertaini	all monitor hi	s/her conduct and behavio		
(Signature of Student)			(Si	gnature of Local Guardian)
(Name of Student)		(Name of Local Guardian)		



CHECK LIST OF DOCUMENTATION

Name:	 .Date:	
Father's Name:	Roll No/Rea No :	

- Class 10th Marks-sheet/Certificate.
- Class 10+2 Marks-sheet.
- Class 10+2 Certificate.
- Birth Certificate.
- Character Certificate
- School Leaving Certificate/Migration Certificate.
- Certificate of extracurricular activities if any.
- Caste Certificate in case of SC/ST/OBC & Parent's Income Certificate from Tehsildar/SDM/ADM.
- 5 Passport size photographs with the candidate's name, father's name & year of admission on the reverse of each photographs.
- Undertaking by Student/Parent Anti-Ragging.
- Original receipt of Fee/Hostel Fee.
- Photographs of local guardian.
- Pan Card (Father).
- Aadhar Card (Student).
- Parents address proof (Driving License/Passport/Voter Card/Electricity/Telephone Bill/Ration Card).

Important Note:

- If any certificate which is being submitted is a **Duplicate** of original certificate the necessary explanation
 /clarification be attached for procuring the same.
- If any marksheet /degree or any other document is pending on account of result declaration, it is the liability of
 the student to get the same updated in University records before the first semester examination. If the same is
 missing his/her result may be with held by the University.
- For getting the degree awarded it is the duty of the student to deposit all previous qualification result /documents in case of provisional admissions.





Sharda University honours those school teachers who had a transformational influence in your academic/personal life during your school days.

To nominate your teacher for this prestigious award you need to provide the following information.

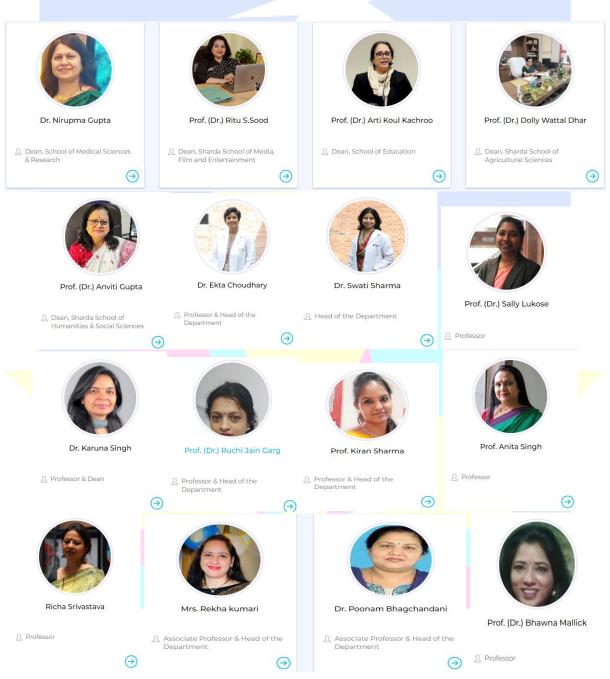
GUIDELINESTO FILL THE FORM

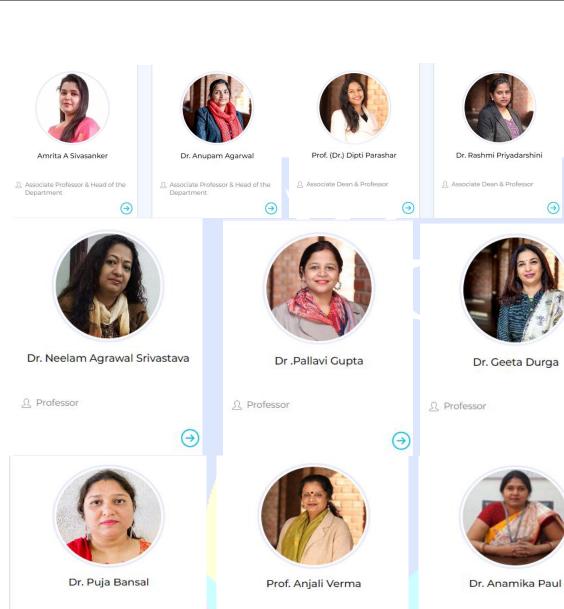
- Only complete nominations would be accepted
- · Phone number with country/STD/ISD code and E-mail address of student & teacher is mandatory
- Only teacher who taught you in Class Xth, Xlth & Xllth or teacher of coaching institute are eligible
- · You may nominate more than one teacher
- You may also make a short video of your School & nominate the School for this award. Send it to teachersaward@sharda.ac.in, if selected by the panel, your school would be rewarded.

	PERSONAL INFORMATION	
Student Name		
	System ID:	
	al):	
	Male/Female:	
	SCHOOL INFORMATION	
School Name:		
	City: State:	
	,	
NOMINATION	OF SCHOOL TEACHER WHO TRANSFORMED YO	OUR LIFE/CAREER
School Teacher's Na	me:	
	ame:, XIth or XIIth:	
Subject in Class Xth,		
Subject in Class Xth, School Name:	, XIth or XIIth:	
Subject in Class Xth, School Name: Mobile number of Te	,XIth or XIIth:	

Proportion of senior female academics

The Sharda University has good number of female faculty members among its 964 academicians. The 51:49 ratios of male and female faculty depicts almost 50 percent of the women strength among senior female academic staff members. The University has many senior positions which are being managed by Women faculty members. The majority of the Deans in many schools of the University are women. Also within the schools many departments are being led by women academicians successfully. There is good number of women faculty members contributing to quality teaching and research in the University. Out of these women academics, many women are holding the Professorship and Associate Professorship in different schools. The eminent women academicians are shown with their profile on the University website as follows:









Ω Professor

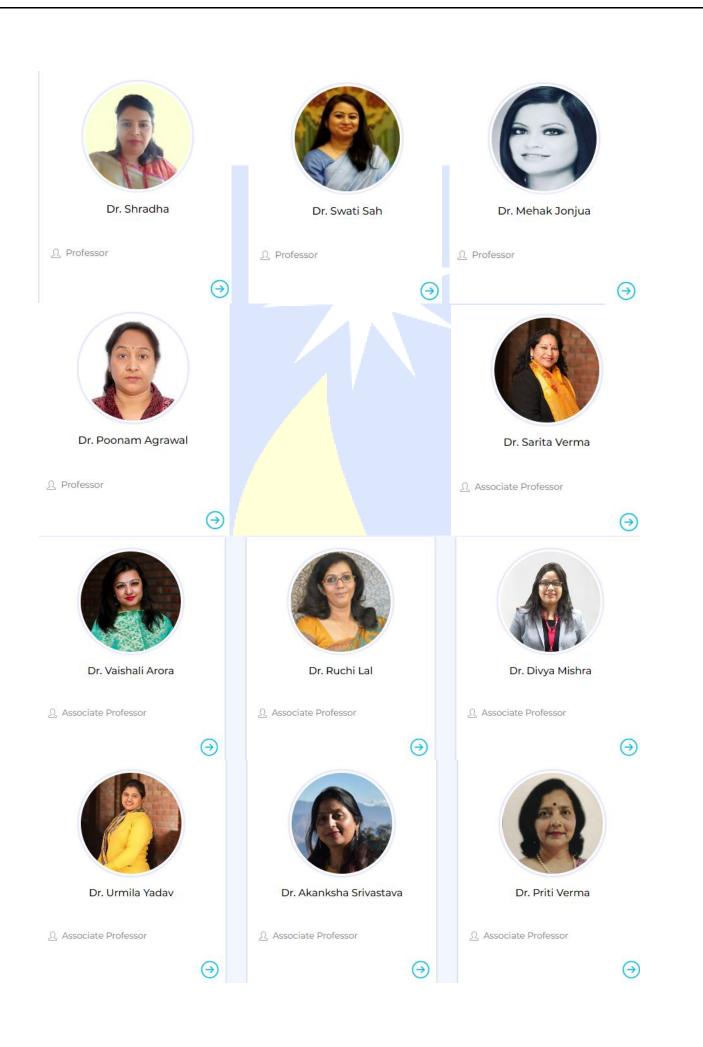




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Dr. Brinda Chowdhari

Associate Professor



Dr. Mandeep Kaur

 $\underline{\Omega}$ Associate Professor



Dr. Megha Chhabra

 (\rightarrow)

Ω Associate Professor





Soumi Sadhu

Ω Associate Professor



Dr. Rinkal Sharma



Dr. Meenal Gupta

Ω Associate Professor



Associate Professor



Dr. Sangeeta Gupta



Dr. Monica Agarwal



Dr. Nimmi Agarwal



Dr. Gurpyari Bhatnagar

∆ Associate Professor



Ms. Christa Mathew

Ω Associate Professor



Abhilasha Singh Mathuriya

⚠ Associate Professor



Dr Parul Saxena

Associate Professor



Dr. Vibha Thakur

Ω Associate Professor



Dr. Bennet Angel

Ω Associate Professor



Dr. Sushma Singh

Associate Professor



Dr. Neha Awasthi

⚠ Associate Professor



Dr. Dhirja Goel

Ω Associate Professor



Dr. Pallavi Sharma



Dr. Radhika Gupta

Ω Associate Professor



Dr. Annette Angel

Ω Associate Professor



Dr. Suman Lata

⚠ Associate Professor

Ω Associate Professor



Dr. Rishibha Bhardwaj

Associate Professor



Dr. Preeti Sharma

 $\underline{\Omega}$ Associate Professor



Dr. Vidyadevi Chandavarkar

⚠ Associate Professor



Dr. Saumya Chaturvedi

Ω Associate Professor



Dr. Manisha Gupta

⚠ Associate Professor



Dr. Archana Chauhan

Ω Associate Professor



Dr. Nidhi Gupta

Ω Associate Professor



Dr. Sweta Srivastav

⚠ Associate Professor



Dr Ritu Singh

Dr. Sushma Kakkar

⚠ Associate Professor



Dr. Archana Khanna

⚠ Associate Professor



Ω Associate Professor

Dr. Shipra Shukla

Pragya Tiwari Gupta

Dr. Sweta Dixit

Ω Associate Professor

Ω Associate Professor

Ω Associate Professor



Dr. Pooja Tiwari

⚠ Associate Professor



Ms. Sapam Debika



Dr. Kumud Madan

Associate Professor Ω Associate Professor



Dr. Ritu Chaku

Dr. Yojna Arora



Sonia Setia

⚠ Associate Professor

 ∆ Associate Professor ∆ Associate Professor



Dr. Pooja Kabra

Dr. Alankrita Chaudhary



Dr. Ruchi Gautam

Chief Psychological Counselor & Associate Professor of Psychology



Ω Reader



Dr. Ritu Gautam

Ω Assistant Professor



Dr. Chhaya Kumar

Dr. Jyoti Jayal

 $\underline{\Omega}$ Assistant Professor



Dr. Richa



Assistant Professor

Dr. Rani Astya



Deepti Sahu

Ω Assistant Professor



⚠ Assistant Professor



Gunjan Aggarwal



Dr. Manisha Rajoria



Ritu Singh

Ω Assistant Professor



Dr. K.Jaya Chitra

Assistant Professor



Dr. Soma Deb

Assistant Professor



Dr. Akanksha Mishra

Ω Assistant Professor

Ω Assistant Professor







Dr. Bushra Shaida



Vandana







Saigeeta Priyadarshini



Dr. Preeti Rani



Dr. Sandhya Gupta

Ω Assistant Professor

Ω Assistant Professor

Ω Assistant Professor

Ω Assistant Professor



Megha Gupta



Venus Dillu



Dr. Mridula Guin

Ω Assistant Professor





Ω Assistant Professor



Dr. Noopur Srivastava



Dr. Preeti Jain



Dr. Sonia Khanna

Assistant Professor

Ω Assistant Professor



Dr. Deepa Chauhan

Assistant Professor



Dr. Suman

 $\underline{\Omega}$ Assistant Professor



Dr. Shalini Mittal

 $\underline{\Omega}$ Assistant Professor

⚠ Assistant Professor



Dr. Deepa Kumari

Dr. Himanshi Puri



Dr. Madhu Sharma

⚠ Assistant Professor

 $\underline{\Omega}$ Assistant Professor





Dr. Rachna Bansal Jora

Dr. Richa Pandey

⚠ Assistant Professor

Dr. Santhi Narayanan

Assistant Professor



Dr. Saumya Kumar

Ω Assistant Professor Ω Assistant Professor



Dr. Swati Bansal

Dr. Mukta Martolia



Ambika Khurana

⚠ Assistant Professor



Dr. Mukuta Borah

Ω Assistant Professor



Dr. Nituja Singh

⚠ Assistant Professor



Bushra Khan

∆ Assistant Professor



Chhavi Jain

∆ Assistant Professor



Dr. Pallavi Thakur

Ω Assistant Professor



Dr. Gunjan

Ω Assistant Professor



Ms. Anjali Malik

Ω Assistant Professor



Dr Prachi Priyanka

Ω Assistant Professor



Dr. Rafraf Shakil

 $\underline{\Omega}$ Assistant Professor



Rita Sharma

Ω Assistant Professor



Dr. Priyanka Sachdeva



Poonam Thakur

Ω Assistant Professor



Lakyntiew Khongrymmai

Ω Assistant Professor



Divya Upreti

Ω Assistant Professor



Veena Salilkumar Chaudhary

⚠ Assistant Professor



Komal Sharma

Ω Assistant Professor



Sanjna Kumari

 $\underline{\Omega}$ Assistant Professor



Dr. Sanchita Ray

Assistant Professor



Dr. Himani Sharma

Ω Assistant Professor



Dr. Richa Mishra

⚠ Assistant Professor



Dr. Stuti Gupta

Ω Assistant Professor



Dr. Shrinkhala Upadhyaya

Assistant Professor



Dr. Sweta Singh



Dr. Disha Maheshwari



Dr. Kritika Gosain

Ω Assistant Professor



Aakanksha Singh



Ms. Noor Us Saba

∆ Assistant Professor



Namita Sharma

Ω Assistant Professor



Dr. Sanskriti Mishra

∆ Assistant Professor





Smriti Singh Chauhan

Ω Assistant Professor



Dr. Garima Chouhan

Ω Assistant Professor



Dr. Bhumika Sharma

Assistant Professor



Sonali Srivastava

∆ Assistant Professor



Dr. Toran Talwar

Assistant Professor



Dr. Shruti Singh



Ms. Priya Sharma

Assistant Professor



Dr. Shafali Singh

Ω Assistant Professor



Dr. Sushmita Banerjee

Assistant Professor



Ms. Neha Kasana

Dr. Palak Mishra

Ω Assistant Professor

Mrs. Hema Arya

⚠ Assistant Professor

Ω Assistant Professor

Assistant Professor



Dr. Alpna Mishra

Dr. Nidhi Sahni

Dr. Sunita Sharma

Ω Assistant Professor



Neha Barari

Ω Assistant Professor



Priya Tyagi



Dr. Minakshi Pandey

Ω Assistant Professor

 $\underline{\Omega}$ Assistant Professor



Mrs. Richa Tiwari

Dr. Bhumika Kumar



Dr. Usha Tiwari

Ω Assistant Professor

Ω Assistant Professor

Assistant Professor



Dr. Sangeeta Rawal



Dr. Neha Bhardwaj



Dr. Aartika Singh

Assistant Professor



Assistant Professor



Dr. Richa Tomar



Dr. Tanu Gupta



Dr. Surabhi Duggal

Ω Assistant Professor

Ω Assistant Professor



Dr. Lakshmi Pandey

Ω Assistant Professor



Dr. Ankita Pal

Assistant Professor



Dr. Ritu Sharma

 $\underline{\Omega}$ Assistant Professor



Vasundhara Saluja



Dr. K.M. Rachna



Dr. Milan Srivastava

Ω Assistant Professor



Dr. Tripti Mittal

Ω Assistant Professor



Dr. Parul Khare

Assistant Professor

Ω Assistant Professor

Ω Assistant Professor



Dr. Shairy Vashist

Ω Assistant Professor



Nikhat Parvez

∆ Assistant Professor



Dr. Astha Gupta

Ω Assistant Professor



Dr. Swati Hazra



Dr. Arpita Roy

 $\underline{\Omega}$ Assistant Professor



Meenal Dharia

Assistant Professor



Dr. Monika Srivastava

⚠ Assistant Professor



Mayuri Rastogi

Assistant Professor



Arnika

⚠ Assistant Professor



Dr. Hannah Hameed

⚠ Assistant Professor



Dr. Himani Govil

Assistant Professor



Dr. Subhasree Ray

Δ Assistant Professor



Dr. Garima Nagpal

Ω Assistant Professor



Dr. Preeti Singh

∆ Assistant Professor



Dr. Anjali

Assistant Professor



Dr. Kanu Priya



Dr Poonam Kalsi

Assistant Professor



Preeti Patidar

Assistant Professor



Kalpana Singh

Ω Assistant Professor



Neha Zaidi

Assistant Professor



Dr. Priyanka Saini

Assistant Professor



Dr. Preeti Pal

Ω Assistant Professor

Proportion of women receiving degrees

The girl child is now being promoted by the family to go to school. And hence there is increased number of girls in university education as well. Women are performing successfully in academics. Always there are higher amount of girls scoring high in Sr. Secondary school results in India. Also at University level there is good number of women students receiving degrees in various programme. With education and skills with them, the women are now almost in all streams of the education. The number and proportion of women receiving the degrees is also high since they qualify the exams of their programme in stipulated time and there is no drop out in this University.

Women's progress measures

The University has many policies related to employees and students for effective and efficient functioning. The policy towards non-discrimination against women is one of the major policy in the University supporting the women employees to work confidently in the Campus. The recruitment of the employee is based on his/her expertise and qualifications required for a particular job profile and there is no effect caste, ethnicity, religion, or the sex of the applicant on his/her selection. The terms and conditions of the work remain as per the HR manual and women employees are as same as the men employees except to receive the maternity leave for them. The men and women are equal stakeholders in the research, scholarship and in academic facilities of the University. The promotion process is highly automatized and quantified which is completely performance based and has no role of the gender, caste or group, etc. The University also organizes gender sensitization events among students to make them aware on gender equality.

SHARDA UNIVERSITY

32, 34, Knowledge Park-III, Greater Noida (UP)

OFFICE OF THE REGISTRAR

SU/Reg./Notification/2013/106

January 28, 2013

Notification

In response to the letter D.O.No.F.1-1/2013 (CM), dated January 1, 2013 received from the Acting Chairman, UGC, the University has constituted a 'Gender Sensitization Committee' consisting of the following:

S.No.	Name of the Committee Members					
1.	Dr. Pratibha Gupta,	Dean, SMS&R	Chairman			
2.	Dr. (Mrs.) Vijaya Agrawal	Professor, Dept. of Metallurgy, IIT-Roorkee	Member			
3.	Dr. Sukhdeep Singh	Professor, SDS	Member			
4.	Dr. Sarika Saxena	Vice-Principal, School of Nursing	Member			
5.	Prof. P. Rathna Swamy	Dean, School of Law	Member			
6.	Dr. Ranvir Singh	Dean Students' Welfare	Member			
7.	Dr. Rajesh Kumar	Associate Professor, SET	Member			
8.	Ms. Suman Lata Dhar	Assistant Professor, SET	Member			
9.	Dr. Dipika Upadhyaya	Assistant Professor, SBS	Member			
10.	Ms. Sakeena Shafi Bhatt	IDFS	Member			
11.	Sh. Ashok Kumar Singh	OSD, SET	Member			
12.	Dr. Nazrul Islam	Warden, Boys Hostel	Member			
13.	Ms. Shweta Khepra	Warden, Sarojini Hostel (Girls)	Member			
14.	Ms. Raina Singh	Administrative Officer, HR	Member			
15.	Ms. Guneet Bedi	MBBS, SMS&R (student)	Member			
16.	Ms. Akanksha Gupta	B.Tech.(EIE), 3 rd year, SET (student)	Member			
17.	Mr. Abhishek Kumar	B.Tech.(ME), 2 nd year, SET (student)	Member			
18.	Mr. Anurag Pandey	BJMC, 2 nd year, SADMS (student)	Member			
19.	Mr. Richit Thakur	2 nd Trimester, MBA, SBS (student)	Member			

Dr. Ranvir Singh, Dean, Students' Welfare will be the convener of the Committee.

The Committee besides making suitable recommendations on the safety and security of girl students as-well-as the women employees, will organize Work-shops on Gender Sensitization for making University Community sensitive towards the issue. The Committee will also frame Draft rules and procedures on complaint filing and screening, procedure of inquiry and communication of inquiry findings and the related issues, for effective implementation of the tasks assigned, to it.

The term of the Committee shall be for a period of 2 years. The Chairman as well as the members shall be eligible for re-nomination on the Gender Sensitization Committee.

(Avais Ahmad) Registrar

To: All concerned.

contd...

Internal Complaint Committee

SHARDA UNIVERSITY 32, 34, Knowledge Park-III, Greater Noida-201310 (U.P.)

OFFICE OF THE REGISTRAR

SU/Reg./Notification/2022/044

August 20, 2022

Notification

The Internal Complaints Committee (ICC) for Academic Year 2022-23 is constituted as under:

S. No.	Name of the Committee Member(s)	Designation/ Dept.	Women/ Men	Composition (s)	Term of Office	Contact details
1.	Dr. Ekta Choudhary	Professor & HoD, Dept. of Conservative Dentistry & Endodontics (SDS)	w	Presiding Officer	Three years	9818452508
2.	Dr. Pooja Rastogi	Professor & HoD, Dept. of Forensic Medicine & Toxicology (SMSR)	w	Faculty Member	One year	9560234171
3.	Ms. Yashodhara Raj	Asstt. Professor (SSHSS)	w	Faculty Member	Two years	8130621456
4.	Ms. Phalguni Ghosh	Asstt. Registrar (HR)	w	Non-Teaching Member	Two years	8826999308
5.	Mr. Chandan Singh	Asstt. Registrar (SSBSR)	м	Non-Teaching Member	Three years	8800998983
6.	Mr. Naitik Hooda	3 rd Yr., BBA- ACCA (SSBS)	м	UG Student	One year	9896962240
7.	Dr. Garima Joshi	3 rd Yr., MDS (SDS)	w	PG Student	One year	6392927341
8.	Ms. Lakshita Pant	Ph.D. Scholar (SSMFE)	w	Research Scholar	One year	7017855857
9.	Ms. Sudipta Roy*	Member from Sahaj NGO	w	Member from NGO*	One year	9810258899

The Faculty/Staff and Students are advised to report any complaints of sexual harassment to the mail id: icc@sharda.ac.in.

(Vivek Kumar Gupta) Registrar

To: All Concerned

Copy for kind information:

- Chancellor/ Pro-Chancellor/ ED
- Vice-Chancellor
- Advisor
- All Deans
- Controller of Examinations/ Finance Officer/ Chief Proctor
- All Directors
- All Administrative Heads of the respective Departments and Schools.
- Notification file

SHARDA UNIVERSITY

32, 34, Knowledge Park-III, Greater Noida-201310 (UP)

OFFICE OF THE REGISTRAR

SU/Reg./Notification/2017/354

June 07, 2017

Notification

- In pursuance of the Gazette Notification dated 2nd May 2017, as circulated vide UGC letter D.O.No.F.91-9/2015 (GS/MHRD) dated July 05, 2016, the University hereby adopts, with the approval its Executive Council, the University Grant Commission (Prevention, prohibition and redressal of sexual harassment of women employees and students in higher educational institution) Regulations, 2015. A copy of the said Regulations is enclosed for information and guidance of all concerned.
- The existing notification regarding Gender Sensitization Committee against Sexual Harassment (GSCASH) and rules framed therefore are withdrawn.
- The Sharda University has since constituted an "Internal Complaints Committee" (ICC) with an inbuilt mechanism for gender sensitization against sexual harassment, as laid down in the aforesaid Regulations, with immediate effect.
- 4. The composition of the Committee constituted is as under:

S. No.	Name of the Committee members	Designation(s)/ Depts.	Women/ Men	Composition(s)	Initial Term of Office
1.	Dr. Ekta Chaudhary	Professor & HoD, Dept. of Conservative Dentistry & Endodontics, SDS	w	Presiding Officer	Three years
2.	Dr. Pooja Rastogi	Professor & HoD, Dept. of Forensic Medicine & Toxicology, SMS&R	w	Faculty Member	One year-
3.	Ms. Suman Lata	Asstt. Professor, Dept. of Electrical & Electronics Engg., SET	w	Faculty Member	Two years
4.	Ms. Raina Singh	Asstt. Registrar, HR	w	Non-Teaching Member	Two years
5.	Mr. Desh Ratan	Admin. Officer, Chief Proctor Office	М	Non-Teaching Member	Three years
6.	Ms. Eshita Kulshreshtha	3 rd year, B.Tech. CSE (SET)	W	UG Student*	One year
7.	Ms. Shalki Bhatnagar	1 st year, MBA (SBS)	w .	PG Student*	One year
8.	Mr. Ramesh Kumar	Research Scholar, (SBS&R)	M	Research Scholar*	One year
9.	Dr. Sachi Rana	President, Leaves in Hands Research and Welfare Society	w	One Member from NGO/ Social Worker/ Public Representative (committed to the cause of women)	One year

^{*}Students with distinguished academic record, or who have excelled in extra-curricular activities, nominated by the Vice-Chancellor.

- 5. While the usual term of office of the members of the Internal Complaints Committee (ICC) shall be for a period of three years, one-third members thereof will change every year in accordance with the UGC Regulation, The term of office of the first committee Members shall be as indicated above.
- 6. Any casual vacancy arising in between shall be filled in by fresh nomination, for the residual period, with the approval of the Vice Chancellor.

(Amal Kumar)

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Gender sensitization Committee against Sexual Harassment (GSCASH)

SHARDA UNIVERSITY

32, 34, Knowledge Park-III, Greater Noida-201306 (UP)

OFFICE OF THE REGISTRAR

SU/Reg./Notification/2015/235

March 16, 2015

Notification

The 'Gender Sensitization Committee against Sexual Harassment' (GSCASH) has been reconstituted with immediate effect:

S. No.	Na	ome of the Committee Members	
1.	Dr. Nimmi Chutani	Professor & Head, Dept. of OBG (SMS&R)	Chairman
2.	Lt. Col. Rekha Gupta	Vice-Principal (SNS&R)	Member
3.	Prof. P.K. Mitra	Dean (Offg.) SOLC & Director, Establishment (Medical wing)	Member
4.	Ms. Purnima Roy	Assistant Registrar (SBS)	Member
5.	Ms. Suman Lata Dhar	Assistant Professor, Dept. of Electrical & Electronics Engineering (SET)	Member
6.	Mr. Abhishek Kumar Srivastava	Lecturer & Co-ordinator, Dept. of Mass Com. (SADMS)	Member
7.	Ms. Bipasha Kumar	Assoc. Professor, Dept. of Architecture (SAP)	Member
8.	Dr. Sukhdeep Singh	Professor & Head, Dept. of Paedodontics and Preventive Dentistry (SDS)	Member
9.	Dr. Ekta Choudhary	Professor, Dept. of Conservative Dentistry & Endodontics (SDS)	Member
10.	Ms. Nitya Bansal	Lecturer (SOL)	Member
11.	Ms. Raina Singh	Assistant Registrar (HR)	Member
12.	Ms. Farahana Fayaz	M.Tech. Student- 1st year (SET)	Member
13.	Ms. Gitika Kaul	MBBS Student- 2 nd year (Batch 2012) (SMS&R)	Member
14.	Ms. Aparna Sharma	BDS Student - 4 th year (SDS)	Member
15.	Dr. Archana Updhayay	Professor- JNU	External Member
16.	Dr. Bharat Desai	Professor- JNU	External Member

Ms. Raina Singh, Assistant Registrar (HR) will be the convener of the Committee. The Legal Assistance will be provided by Ms. Nitya Bansal, Lecturer (SOL). The term of the Committee shall be for a period of 2 years.

(Avais Ahmad) Registrar

To: All Concerned

Copy to;

- 1. Chancellor/Pro-Chancellor/Vice-Chancellor (Offg.)
- 2. Principal Advisor
- 3. All Deans/ Directors
- 4. Dean Academic Affairs/ Students' Welfare/ Research
- 5. Finance Officer/ Controller of Examinations
- 6. Chief Proctor
- 7. Medical Superintendant (Sharda Hospital)
- 8. Senior Security Officer (SSO)
- 9. All OSDs/Dy. Registrars/ Assistant Registrar
- 10. Notification file

SHARDA UNIVERSITY 32, 34, Knowledge Park-III, Greater Noida-201310 (UP)

OFFICE OF THE REGISTRAR

SU/Reg./Notification/2018/411

July 11, 2018

Notification

This is in continuation to the notification no. SU/Reg./Notification/2017/354 issued on June 07, 2017, regarding the composition of an 'Internal Complaints Committee' (ICC) with an inbuilt mechanism for gender sensitization against sexual harassment.

2. Due to the term of some of the members of the Internal Complaints Committee (ICC) have expired or they have left the University. The composition of the Committee re-constituted as under:

S. No.	Name of the Committee Member(s)	Designation(s)/ Depts.	Women/ Men	Composition(s)	Term of Office
1.	Dr. Ekta Chaudhary	Professor, SDS	W	Presiding Officer	Three years
2.	Dr. Pooja Rastogi	Professor, SMS&R	W	Faculty Member	One year
3.	Ms. Suman Lata	Asstt. Prof., SET	W	Faculty Member	Two years
4.	Ms. Yashodhara Raj	Sr. Trainer, PSDC (as a Counselor)	W	Non-Teaching Member	Two years
5.	Mr. Desh Ratan	Proctor Office)		Non-Teaching Member	Three years
6.	Ms. Triveni Fotedar	3 rd Yr. B.A. English (Hons.)	W	UG Student*	One year
7.	Dr. Lavina Bhatnagar	1 st Yr., MDS (SDS)	W	PG Student*	One year
8.	Mr. Ramesh Kumar	Research Scholar, SBS&R	м	Research Scholar*	One year
9.	Ms. Sudipta Roy	Member from Sahaj	w	One Member from NGO/ Social Worker/ Public Representative (committed to the cause of women)	One year

^{*}Students with distinguished academic record, or who have excelled in extra-curricular activities, nominated by the Vice-Chancellar.

- 3. While the usual term of office of the members of the Internal Complaints Committee (ICC) shall be for a period of three years, one-third members thereof will change every year in accordance with the UGC Regulations, The term of office of the first committee Members shall be as indicated above.
- 4. Any casual vacancy arising in between shall be filled in by fresh nomination, for the residual period starting from the date of the notification on June 07, 2017, with the approval of the Vice Chancellor.

(Amal Kumar) Registrar

SHARDA UNIVERSITY

32, 34, Knowledge Park-III, Greater Noida-201310 (U.P.)

OFFICE OF THE REGISTRAR

SU/Reg./Notification/2020/112

8th September, 2020

Notification

The University has notified 'Sharda University (Redressal of Grievances of Students), Ordinance, 2019' vide notification no. SU/Reg./Notification/2020/519 dated October 19, 2019.

As per sub-para A, B & C of para 5 mentioned in the aforesaid ordinance, the following Committees are formed and notified (copy enclosed):

- A. School-level Student Grievance Redressal Committee (SLSGRC)
- B. Institutional Student Grievance Redressal Committee (ISGRC)
- C. University Student Grievance Redressal Committee (USGRC)

The roles and responsibilities of the said committees are given in the Redressal of Grievances of Students), Ordinance, 2019.

(Ashok Kumar Singh) Registrar

To,

- . The Dean (SET, SBS, SBSR, SAP, SMFE, SHSS, SOL, SOE, SOP, SAHS and SAS)
- · All Concerned in the aforesaid Committees

Copy to (for kind information):

- 1. Chancellor/ Pro-Chancellor/ ED
- 2. Vice-Chancellor/ Pro-Vice-Chancellor
- 3. All the Deans of School of Studies
- 4. Dean, Academic Affairs/ Students' Welfare/ Research and Chief Proctor
- 5. All Directors/ PRO
- 6. Finance Officer/ Controller of Examinations
- 7. All OSDs/ Jt. Registrars/ Dy. Registrars/ Asstt. Registrars/ AOs
- 8. Notification file



Student Grievance Redressal Committee

Institutional Student Grievance Redressal Committee (ISGRC)

The Sharda University (Redressal of Grievances of Students), Ordinance, 2019 provides the following constitution

- (a) Dean/Senior Professor of University, nominated by the Vice-Chancellor- Chairperson
- (b) Dean, Students Welfare Member
- (c) One senior non-academic functionary nominated by the Vice-Chancellor Member
- (d) Proctor Member
- (e) A representative from among students of the University to be nominated by the Vice Chancellor based on academic merit/excellence in sports/performance in co-curricular activities - Special Invitee

Note: To ensure representation of women on the committee, the Vice-Chancellor of the University may induct one women faculty.

Dean/ Senior Professor 	Dean Students Welfare	Senior non-academic functionary	Proctor	Student representative (Special invitee)
Prof. Arti Koul Kachroo, Dean SOE	Dr. Nirupma Gupta	Col. Sandeep Rana	Dr. Daleep Parimoo	Vipin Pratap Singh 2019005732.vipin@ug.sharda.ac.in

University Student Grievance Redressal Committee (USGRC)

The Sharda University (Redressal of Grievances of Students), Ordinance, 2019 provides the following constitution

- a) Pro-Vice Chancellor or in his absence a Dean nominated by the Vice-Chancellor Chairperson
- b) Dean, Student Welfare or equivalent Member
- c) Two Deans drawn from the Schools of the Studies, other than those connected with reports of SLSGRC under review, to be nominated by the Vice-Chancellor - Members
- d) One Professor of the University nominated by the Vice-Chancellor-Member
- Two representatives from among students of the college to be nominated by the Vice-Chancellor based on academic merit/excellence in sports/performance in co-curricular activities – Special Invitees.

Note: To ensure representation of women on the committee, the Vice-Chancellor of the University may induct one women faculty.

Pro Vice Chancellor - Chairperson	Dean Students Welfare	Two Deans	Professor	Two student representatives (Special invitee)
Prof. Pradeep Kulshrestha, Dean SOL	Dr. Nirupma Gupta	Two deans from the Schools other than those connected with reports of SLSGRC under review	Dr. Pooja Rastogi, Forensic medicine, Professor SMSR	Puncet Sharma 2019002289.puncet@pg.sharda.ac.in Kime Amung Asherah 2017013894.kimeamung@ug.sharda.ac.in



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School Level Student Grievance Redressal Committee (SLSGRC)

The Sharda University (Redressal of Grievances of Students), Ordinance, 2019 provides the following constitution

- a) Dean of the School Chairperson
- b) Two Professors, from outside the School to be nominated by the Vice Chancellor Members
- A Faculty of the School, well-versed with the mechanism of grievance redressal, to be nominated by the Chairperson—Member
- d) A representative from among students at the School to be nominated by the Vice Chancellor based on academic merit/excellence in sports/performance in co-curricular activities – Special Invitee.

Note: To ensure representation of women on the committee, the Vice-Chancellor of the University may induct one women faculty.

S.No	Name of School	Dean – Chairperson	Two Professors, fro	om outside the School	Faculty of the School	Student representative (Special invitee)
1.	SHSS	Prof. Anubha Vashisht	Prof. Sunil Joshi, Professor, SBS	Prof. Anup Pant, Professor, SBS	Dr. Toran Talwar, Assistant Professor SHSS	Ms. Vanshita Sharma 2nd Year
2.	SNSR	Prof. R. SreeRaja Kumar	Prof. Vinti Agarwal, Professor, SBS	Prof. Shhilpi Sinha, Professor, SAP	Prof. Kiran Sharma, Professor & HOD, SNSR	Ms. Rakhi Sachan, BSc III year Student
3,	SET	Prof Parma Nand	Prof. Arti Koul Kachroo, Dean SOE	Prof, Pradeep Kulshreshta, Dean SOL	Col Vivek Mathur, Professor, SET	Mr. Mahesh Kumar, CSE, IVth Year
4.	SDS	Dr. M. Siddharth	Dr. R. K. Dubey, HOD Pharmacology, SMSR	Prof. Ankur Chaudhary, Dept. of Computer Science, SET	Dr. Ekta Chaudhary, Professor & HOD, Cons & Endo, SDS	Ms. Fiza Alam, BDS First Year, SDS
5.	SMSR	Dr. Manisha Jindal	Dr. Yogesh Tripathi, Dean SAHS	Dr. Deepak Bhargava, Professor & HOD. Oral Path & Micro, SDS	Dr. Ashutosh Niranjan, Professor Surgery & MS, Sharda Hospital	Sahej Preet Kaur Gujral - MBBS 2018 Batch
6.	SOL	Prof. Pradeep Kulshrestha	Prof. Ritu Sood, Dean, SMFE	Prof Ombir Chaudhary, SBS	Richasharman self Professor, SOLA	Mr. Pranjal Chaturvedi, BA LLB 2018-23 Batch
7.	SAHS	Dr Yogesh Tripathi	Dr Ashok Singh. Professor, Physics SBS	Dr. Pooja Rastogi Professor, Forensic Medicine, SMSR	Ms Supriya Awasthi, Associate Professor, SAHS	Ms. Ravneet Kaur BSc forensic sciences 5th semester
8.	SBS	Prof Deepankar Chakrabarti	Prof Ankur Chaudhary, Department of Computer Science, SET	Prof. Shradha, Professor, SHSS	Dr. Swati Bansal, Assistant Professor- SBS	Mr Shubham Sing (MBA Integrated 5th Semester)
9.	SMFE	Prof. Ritu S. Sood	Prof. Pradeep Kulshrestha, Professor and Dean of SOL	Prof. Anubha Vashisht, Dean, SHSS	Dr. Amit Chawla - Associate Professor and HOD of SMFE	Mr. Anam Ansari Student of BA(JMC) 2019- 2022 Batch
10.	SOE	Prof. Arti Koul Kachroo	Prof. Ashok Kumar (SBSR)	Dr. Shardha, Professor, SHSS	Dr. Sarita Verma, Assistant Professor SOE	Ms. Divya John- System Id— 2017004376



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41.	SOP	Dr. Vijender Singh	Dr. M. Siddharth, Dean, SDS	Prof. H. S. Gaur, Dean, SBSR	Dr. Gunjan Singh, Assistant Professor, SOP	Mr. Vipul Tayagi, Student 5 th Semester
12.	SBSR	Prof H.S. Gaur	Prof. Bhim Singh, SET	Prof. Arti Koul Kachroo, Dean SOE	Dr. Vinay Kumar Verma, Associate Professor, SBSR	Ms. Priyadarshini Srivastava, Ph.D. Student
13.	SAS	Prof H.S. Gaur	Prof. Hari Shankar Shyam, SBS	Dr. Vijender Singh, SOP	Dr Uzma Khan, Assistant Professor, SAS	Ms. Ovia M, B.Sc. (Hons)Ag, III Year
14.	SAP	Prof. Shhilpi Sinha	Prof. Daleep Parimoo, SHSUN	Prof. Ritu Sood, SMFE	Mr. Jitender Lal, Associate Professor, SAP	Mr. Rishabh Anand- 2017011026

(Pallavi Sharma)

Member, IQAC

(V P S Arora) 07.69.2020

Director, IQAC

(Vice Chancellor) O7.09.2020. Vice-Chancellor

Shards University Plot No.- 32-54, Knowledge Park - III Greater Nokla - 201305 (U.P.)

SHARDA UNIVERSITY

32, 34, Knowledge Park-III, Greater Noida-201310 (U.P.)

OFFICE OF THE REGISTRAR

SU/Reg./Notification/2019/519

October 11, 2019

Notification

In supersession of the SU/Reg./Notification/2075/264 dated October 5, 2015, the University hereby makes the following Ordinance namely Sharda University (Redressal of Grievances of Students), Ordinance, 2019. It was considered and approved vide item no. 17.12 in its 17th Meeting of the Executive Council held on September 21, 2019.

1. SHORT TITLE AND COMMENCEMENT:

The Ordinance shall be called as Sharda University (Redressal of Grievances of Students) Ordinance, 2019 and shall come into force from the date of its notification.

2. OBJECTIVE:

To provide opportunities for the redressal of certain grievances of students already enrolled in the University, as well as those seeking admission to such institutions, and a mechanism thereto.

3. DEFINITION UNLESS THE CONTEXT OTHERWISE REQUIRES:

- a. "Act" means the Sharda University Uttar Pradesh Act, 2009 (14 of 2009);
- b. "Aggrieved Student" means a student, who has any complaint in the matters relating to or connected with the grievances defined under these regulations.
- c. "Commission" means the University Grants Commission established under the UGC Act, 1956.
- d. "Declared Admission Policy" means such policy, including the process there under, for admission to a course or program of study as may be offered by the University by publication in the prospectus of the University.
- e. "Department and School of the University" means Departments of Studies, Schools of Studies, respectively, and includes a centre of studies and research established/ maintained/ constituent to the University in accordance with the University Act, Statutes and Ordinances.
- f. "Government" means State Government of Uttar Pradesh.
- g. "Grievance" means, and includes, complaint(s) made by an aggrieved student in respect of the following, namely:
 - admission contrary to merit determined in accordance with the declared admission policy of the institution;
 - ii. irregularity in the process under the declared admission policy of the institution;
 - iii. refusal to admit in accordance with the declared admission policy of the institution;
 - iv. non-publication of prospectus by the institution, in accordance with the provisions of these regulations;
 - publication by the institution of any information in the prospectus, which is false or misleading, and not based on facts;
 - vi. withholding of, or refusal to return, any document in the form of certificates of degree, diploma or any other award or other document deposited by a student for the purpose of seeking admission in such institution, with a view to induce or compel such student to pay any fee or fees in respect of any course or program of study which such student does not intend to pursue;

Ans

- vii, demand of money in excess of that specified to be charged in the declared admission policy of the institution;
- violation, by the University, of any law for the time being in force in regard to reservation of seats in admission to different category of students;
- ix. non-payment or delay in payment of scholarships or financial aid admissible to any student under the declared admission policy of such University, or under the conditions, if any, prescribed by the Commission;
- delay by the University in the conduct of examinations, or declaration of results, beyond
 the schedule specified in the academic calendar of the institution, or in such calendar
 prescribed by the Commission or the State Government;
- failure by the University to provide student amenities as set out in the prospectus, or is required to be extended by the University under any provisions of law for the time being in force;
- non-transparent or unfair practices adopted by the University for the evaluation of students;
- delay in, or denial of, the refund of fees due to a student who withdraws admission within the time mentioned in the prospectus, or as may be notified by the Commission;
- complaints of alleged discrimination of students from the Scheduled Castes, the Scheduled Tribes, Other Backward Classes, Women, Minority or persons with disabilities categories;
- denial of quality education as promised at the time of admission or required to be provided;
 and
- xvi. harassment or victimization of a student, other than cases of harassment, which are to be proceeded against under the penal provisions of any law for the time being in force.
- "Institution" means, an institution established within the University for a particular discipline or activity;
- "Institutional Student Grievance Redressal Committee" (ISGRC) means a committee constituted under this notification at the level of the University, for dealing with grievances which do not relate to a School, Department or Centre of the University, e.g. Administration, Accounts, Admission Cell, International Division, Examination Cell, Inter-Hostel Administration(Hostel & Mess/Food), Estates, Maintenance, House Keeping, Student Welfare & Sports, Transport, Security and other common facilities.
- j. "Ombudsperson" means the Ombudsperson appointed by the State Government in terms of UGC (Redress of Grievances of Students) Regulations, 2019;
- k. "Prospectus" means and includes any publication, whether in print or otherwise, issued for providing fair and transparent information, relating to University, to the general public (including to those seeking admission in the University) by the University or any authority or person authorized by it to do so:
- "School Level Student Grievance Redressal Committee" (SLSGRC) means a committee constituted under this Ordinance, for a School, Department, or Centre within the School.
- m. "Student" means a person enrolled, or seeking admission to be enrolled, in the University;
- "University" means the Sharda University Uttar Pradesh established under the Sharda University Act, 2009; and

m

 "University Student Grievance Redressal Committee" (USGRC) means a committee constituted at the level of the University under thisOrdinance, for dealing with the grievances arising out of decisions of the SLSGRC and ISGRC.

4. MANDATORY PUBLICATION OF PROSPECTUS, ITS CONTENTS AND PRICING:

- (1) The University, shall publish and/or upload on its website, before expiry of at least sixty days prior to the date of the commencement of the admission to any of its courses or programs of study, a prospectus containing the following for the information of persons intending to seek admission to the University and the general public, namely:
 - (a) the list of programs of study and courses offered along with the broad outlines of the syllabus specified by the appropriate statutory authority or by the University, as the case may be, for every course or program of study, including teaching hours, practical sessions and other assignments;
 - (b) the number of seats approved by the appropriate statutory authority in respect of each course or program of study for the academic year for which admission is proposed to be made;
 - (c) the conditions of educational qualifications and eligibility including the minimum and maximum age limit of persons for admission as a student in a particular course or program of study, specified by the University;
 - (d) the process of selection of eligible candidates applying for such admission, including all relevant information in regard to the details of test or examination for selecting such candidates for admission to each course or program of study and the amount of fee prescribed for the admission test:
 - (e) each component of the fee, deposits and other charges payable by the students admitted to the University for pursuing a course or program of study, and the other terms and conditions of such payment;
 - (f) rules/regulations for imposition and collection of any fines in specified heads or categories, along with details of minimum and maximum fine as may be imposed.
 - (g) the percentage of tuition fee and other charges refundable to a student admitted to the University in case such student withdraws from the University before or after completion of course or program of study and the time within and the manner in which such refund shall be made to that student;
 - (h) details of the teaching faculty, including their educational qualifications, along with their type of appointment (Regular/visiting/guest) and teaching experience of every member thereof.
 - information with regard to physical and academic infrastructure and other facilities including
 hostel accommodation and its fee, library, hospital or industry wherein the practical training is
 to be imparted to the students and in particular the amenities accessible by students on being
 admitted to the University;
 - (j) all relevant instructions in regard to maintaining the discipline by students within or outside the campus of the University, and, in particular such discipline relating to the prohibition of ragging of any student or students and the consequences thereof and for violating the provisions of any regulation in this behalf made by the relevant statutory regulatory authority; and
 - (k) Any other information as may be specified by the Commission and the State Government:

Provided that the University shall publish/upload information referred to in the above clauses, (a) to (k) of this ordinance, on its website, and the attention of prospective students and the general public shall be drawn to such publication being on the website through advertisements displayed prominently in different newspapers and through other media:

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(2) The University shall fix the price of each printed copy of the prospectus, being not more than the reasonable cost of its publication and distribution and no profit be made out of the publication, distribution or sale of prospectus.

5. STUDENT GRIEVANCE REDRESSAL COMMITTEES (SGRC):

A. School Level Student Grievance Redressal Committee (SLSGRC)

- (i) There shall be a School Level Student Grievance Redressal Committee (SLSGRC) constituted at the level of each School of Studies. The composition of the Committee shall be as under:
 - a) Dean of the School Chairperson;
 - b) Two Professors, from outside the School to be nominated by the Vice Chancellor-Members;
 - A Faculty of the School, well-versed with the mechanism of grievance redressal, to be nominated by the Chairperson-Member;
 - d) A representative from among students of the School to be nominated by the Vice Chancellor based on academic merit/excellence in sports/performance in co-curricular activities -Special Invitee.

Note: To ensure representation of women on the committee, the Vice-Chancellor of the University may induct one women faculty.

- (ii) The term of the Chairperson, members of the Committee and the nominees shall be of two years.
- (iii) The quorum for the meeting of SLSGRC, including the Chairperson, but excluding the special invitee, shall be three.
- (iv) Any complaint relating to the School, Department or Centre of the School shall be addressed by the aggrieved student to the administrative officer of the said School, who will either deal with it at the School level or shall remit it to the concerned Department or Centre of the School.
- (v) In case the said grievance does not get resolved within five (05) working days of the receipt of the complaint in the School, the same shall automatically be forwarded to the SLSGRC.
- (vi) In considering the grievances before it, the SLSGRC shall follow principles of natural justice.
- (vii) The SLSGRC shall submit its report with recommendations, if any, to the Registrar of the University, with a copy thereof to the aggrieved student, within a period of fifteen (15) days from the date of receipt of the complaint.
- (viii) In case the aggrieved student remains unsatisfied, he may take up the matter to the level of University Student Grievance Redressal Committee (USGRC). Likewise, the University may either accept the recommendations for follow up action or may, at its discretion, take up the matter to the level of USGRC.

B. Institutional Student Grievance Redressal Committee (ISGRC)

- (i) There shall be a Institutional Student Grievance Redressal Committee (ISGRC) constituted by the Vice Chancellor at the level of the University to deal with such complaint that do not relate to any academic Department, School or Centre of the University. The composition of the Committee shall be as under:
 - (a) Dean/Senior Professor of University, nominated by the Vice-Chacellor- Chairperson;
 - (b) Dean, Students Welfare Member;

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- (c) One senior non-academic functionary nominated by the Vice-Chancellor Member;
- (d) Proctor Member;
- (e) A representative from among students of the University to be nominated by the Vice Chancellor based on academic merit/excellence in sports/performance in co-curricular activities - Special Invitee.

Note: To ensure representation of women on the committee, the Vice-Chancellor of the University may induct one women faculty.

- (ii) The term of the members/nominee of the committee shall be of two years.
- (iii) The quorum for the meetings of the ISGRC, including the Chairperson, but excluding the special invitee, shall be three.
- (iv) Any complaint other than those relating to the School, Department or Centre of the School shall be addressed by the aggrieved student to the concerned administrative head, who will deal with it at his level, in consultation with his staff.
- (v) In case the said grievance does not get resolved within five (05) working days of the receipt of the complaint in the Department, the same shall automatically be forwarded to the ISGRC.
- (vi) In considering the grievances before it, the ISGRC shall follow principles of natural justice.
- (vii) The ISGRC shall send its report with recommendations, if any, to the Registrar of the University, along with a copy thereof to the aggrieved student, within a period of 15 workings days from the date of receipt of the grievance.
- (viii) In case the aggrieved student remains unsatisfied, he may take up the matter to the level of University Student Grievance Redressal Committee (USGRC). Likewise, the University may either accept the recommendations for follow up action or may, at its discretion, take up the matter to the level of USGRC.

C. University Student Grievance Redressal Committee (USGRC)

- (i) The Vice Chancellor of the University shall constitute such numbers of University Student Grievance Redressal Committees (USGRC), as may be required to consider grievances unresolved by one or more SLSGRC or the ISGRC.
 - a) Pro-Vice Chancellor or in his absence a Dean nominated by the Vice-Chancellor -Chairperson;
 - b) Dean, Student Welfare or equivalent Member;
 - Two Deans drawn from the Schools of the Studies, other than those connected with reports
 of SLSGRC under review, to be nominated by the Vice-Chancellor Members;
 - d) One Professor of the University nominated by the Vice-Chancellor- Member;
 - e) Two representatives from among students of the college to be nominated by the Vice Chancellor based on academic merit/excellence in sports/performance in co-curricular activities - Special Invitees.

Note: To ensure representation of women on the committee, the Vice-Chancellor of the University may induct one women faculty.

- (ii) The Chairperson, members and the special invitee/nominee shall have a term of two years.
- (iii) The quorum for the meeting, including the Chairperson, but excluding the special invitee, shall be three.

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- (iv) In considering the grievances before it, the USGRC shall follow principles of natural justice.
- (v) The USGRC shall send its report and recommendations, if any, to the Dean of the School, Heads of Department & Centre, or the Registrar and other administrative Heads, with a copy thereof to the aggrieved student, within 15 days of the receipt of the grievance by the Committee, for necessary compliance and report to the Vice-Chancellor.
- (vi) Any student aggrieved by the decision of the University Student Grievance Redressal Committee may prefer an appeal to the Vice-Chancellor who shall, within a period of fifteen days from the date of receipt of the appeal, take a final view which shall be communicated to the aggrieved student within the next three working days.

6. OMBUDSPERSON:

Any student aggrieved by the decision of the University Student Grievance Redressal Committee and disposal of the appeal by the Vice-Chancellor, may prefer further appeal to the Ombudsperson appointed by the State Government in terms of the University Grants Commission (Redress of Grievances of Students) Regulation, 2019, within a period of fifteen days;

pending appointment of the Ombudsperson by the State Government, the Vice-Chancellor, Sharda University shall be the final authority for disposal of the appeal.

7. FUNCTIONS OF OMBUDSPERSON:

- (i) The Ombudsperson shall hear appeals from an aggrieved student, only after the student has availed all other remedies provided under this Ordinance.
- (ii) While issues of malpractices in the conduct of examination or in the process of evaluation may be referred to the Ombudsperson, no appeal or application for revaluation or re-totalling of answer sheets from an examination, shall be entertained by the Ombudsperson unless specific irregularity materially affecting the outcome of specific instance of discrimination is indicated.
- (iii) The Ombudsperson may avail assistance of any person, as amicus curiae, for hearing complaints of alleged discrimination.
- (iv) The Ombudsperson shall make all efforts to resolve the grievances within a period of 30 days of receiving the appeal from the aggrieved student(s).

8. PROCEDURE FOR REDRESSAL OF GRIEVANCES BY OMBUDSPERSON AND STUDENT

GRIEVANCE REDRESSAL COMMITTEE:

- (i) The University shall, within a period of one month from the date of issue of this notification, have an online portal where any aggrieved student may submit an application seeking redressal of grievance.
- (ii) On receipt of an online complaint, the University shall, depending on the nature of complaint refer the complaint to the appropriate Administrative Officer in the Schools of Studies (for academics) or the Head of the Service Departments (other than academics) for appropriate necessary action, as indicated in the preceding para-5 of the Notification, through the Grievance Redressal Committee(s).
- (iii) The Student Grievance Redressal Committee, as the case may be, shall fix a date for hearing the complaint which shall be communicated to the concerned officials in the University and the aggreeved student.
- (iv) An aggrieved student may appear either in person or authorize a representative to present the case.

SU/Reg./Notification/2019/519

- Grievances not resolved by the University Student Grievance Redressal Committee or on appeal to the Vice Chancellor, shall be referred by the student to Ombudsperson, within the stipulated
- (vi) University shall extend co-operation to the Ombudsperson or the Student Grievance Redressal Committee(s), as the case may be, in early redressal of grievances; any failure to do so may be reported by the Ombudsperson to the Commission, who shall take action in accordance with the provisions of these regulations.
- The Ombudsperson shall, after giving reasonable opportunities of being heard to both parties, on the conclusion of proceedings, pass such order, with reasons thereof, as may be deemed fit to redress the grievance and provide such relief to the aggrieved student, as may be
- The University, as well as the aggrieved student, shall be provided with copies of the order (viii) under the signature of the Ombudsperson, and the University shall place it for general information on its website.
- The University shall comply with the recommendations of the Ombudsperson; and the Ombudsperson shall report to the Commission any failure on the part of the University to
- The Ombudsperson may recommend appropriate action against the complainant, where a (x) complaint is found to be false or frivolous.

INFORMATION REGARDING OMBUDSPERSON AND STUDENT GRIEVANCE REDRESSAL COMMITTEES:

The University shall furnish, prominently, on its website and in its prospectus, all relevant information in respect of the Student Grievance Redressal Committee(s) under its purview, and the Ombudsperson for the purpose of appeal.

10. CONSEQUENCES OF NON-COMPLIANCE:

The Commission shall in respect of any institution, which willfully contravenes the University Grants Commission (Redress of Grievance of Students) Regulation, 2019, or repeatedly fails to comply with the recommendation of the Ombudsperson or the Grievance Redressal Committee(s), as the case may be, proceed to take one or more action(s) as specified under the UGC Regulations in this regard.

> W.10.19 (Ashok Kumar Singh) Registrar (Officiating)

To.

(SET/SBS&R/SAP/SACDMS/ SOL/SHSS/SBS/SOE/SOP/SMS&R/SDS/SNS&R and SAHS)

Copy to (for kind information);

- 1. Chancellor/ Pro-Chancellor/ ED
- 2. Vice-Chancellor/ Pro Vice-Chancellor
- 3. Principal Advisor
- 4. All Deans/ Directors
- 5. Dean, Academic Affairs/ Students' Welfare/ Research and Chief Proctor
- Finance Officer / Controller of Examinations
 Chief Warden / Sr. Security Officer (SSO) / Legal Officer / PIO / PRO
- All OSDs/ Jt. Registrars/ Dy. Registrars/ Assistant Registrars/ AOs
- 9. Notification file



Interactive Session on 'Gender Sensitization and Gender equity on 2nd Aug 2022

Policy for non-discrimination against women

Like other policies the University has also Non-discrimination policy for its employees in which there is special emphasis on concerns for women working in the campus. The University follows the equal opportunity principle for its employees. The allocation of facilities and infrastructure design is maintained keeping every employee in the mind.

Maternity and paternity policies:

The Human Resource department of the Sharda University cares for the employees in multiple ways, like their mental health, physical health, various kinds of leaves, digitization of documents, biometric attendance records, employees' database management, etc. Among the leaves there are causal leaves, earned leave, on duly leave, academic leave and also the maternity leave for women employees. The mothers are specially supported by paid leaves and gift items for new born. The father is also asked to contribute to the better management of household responsibilities to support the women till she joins the University.

Amended vide 21st EC, 29-12-2021

SHARDA UNIVERSITY

(http://www.sharda.ac.in)

MANUAL

OF



HUMAN RESOURCE ADMINISTRATION POLICIES AND REGULATIONS

Plot No. 32, 34, Knowledge Park-III, Greater Noida -201310 (U.P.) INDIA

4.9.7 Maternity Leave:

- (i) Maternity leave on full pay shall be granted to a woman employee for a period not exceeding 26 weeks or 6 months. Also this leave is applicable in case of miscarriage including abortion, subject to the condition that the total leave granted in respect of this to a woman employee in her career shall not be more than 45 days, and the application for leave is supported by a medical certificate.
- (ii) Maternity benefit to women employees having two or more than two surviving children shall be 12 weeks or 3 months, of which not more than 6 weeks shall precede the date of her expected delivery.
- (iii) Maternity benefit to a woman employee who legally adopts a child below the age of three months shall be 12 weeks from the date the child is handed over to the adopting mother.
- (iv) Maternity leave may be combined with earned leave or extraordinary leave but any leave applied for in continuation of maternity leave may be granted if the request is supported by a medical certificate. The total leave admissible should not exceed one year.
- (v) A woman employee who has worked in the organization for a period of 6 months is entitled for payment in maternity leave.

Childcare facilities for staff, faculty and students:

The University is running a professionally managed Day-care Center for the kids of students, staff and faculty on the campus. This facility can be enjoyed during the working hours of the University. There are competent facilities and trained staff to care for children. The children are engaged in educational and recreational activities and are provided with a balanced fresh diet so as to support their good mental and physical health in future.





Women Mentoring schemes:

The University executes regular efforts on mentoring of students through its faculties. Students are allocated among teachers for mentorship. There is a separate dedicated University webportal in the name of Paramarsh' wherein there is counselling type and contents records. Students' parents are also kept in loop while working for a student. This online record of mentoring related efforts facilitates the easy navigation in the information by the University authorities to plan and execute any required strategies to support the students' achievement.





LOGIN (HTTPS://PARAMARSH.SHARDA.AC.IN/ADMIN/LOGIN)

MENTORING POLICY

Teacher, Role Model, Friend "On Being a Mentor to Students"

1. Mentoring Definition:

Mentoring, as defined by Eric Parsloel, is to support and encourage people to manage their own learning in order that they maximize their potential, develop their skills, improve their performance and become the person they want to be.

2. Importance of Mentoring in Sharda University:

Student mentoring in Sharda University is important for the following reasons:

- a. Diverse student community with varying linguistic, socio-cultural, economic and academic backgrounds,
- b. International students belonging to different countries face challenges in coping with the Indian Culture as well the academic environment both inside and outside the classroom,
- Students embarking on their academic career at the university come with many expectations and apprehensions about learning in a new environment,

Thus, it is essential that students get guidance, hand-holding and support to facilitate their adjustment into the academic environment, Campus life and culture. The guidance is required for enhancements in academic performance and move beyond studies, Overall, mentor role is manifold; focused for academic growth and well-being of students in a new paradigm.

The type of student's mentoring depends upon scholastic level of the program:

- a. Undergraduate students: The focus will be on academic foundation, career development and tackling personal problems. These students are also made aware of the university policies and encouraged to participate in co-curricular and extracurricular activities.
- b. Postgraduate students: Focuses is on consolidating of given subject and generate interest in research.
 Mentor guidance and groom towards right career path,

foundation in a role is to provide 1"The Manager as Coach and Mentor" by Eric Parsloe r).

3. Mentoring Program of Sharda University:

It is designed to serve the following:

- a. Acclimatize students from diverse backgrounds about the University educational system and learning environment.
- b. Provide a space to the students for their academic and personal challenges arising in a new environment
- Identify the reasons that lead to shortfall in attendance and/or class participation and help students address those issues.
- d. Help students to face challenges to keep pace with the academic environment in keeping pace with the academics in the classroom.
- e. Extend support beyond the classroom for improvement of student development and maximize their potential,

4. Mentoring Policy

- a. Every student is assigned a faculty mentor on day-one of the concerned School shall take necessary steps for the same.
- b. The mentor will remain same throughout the course of the study of the mentee. The mentor shall be changed only with the approval of the HOD in appropriate circumstances or as per the directions laid down by the concerned school from time to time,
- c. The University shall organize Orientation Programs / Sessions for the newly admitted students at the beginning of the academic year where they will be familiarized with the program, academic policies, practices, and resources
- d. The mentees will be intimated names of the mentors to whom they will be assigned, and the mentor details shall also be shared with the parents / wards of the students.
- e. An orientation program will be conducted in the first semester and a refresher session will be conducted in the second semester.
- f. The School shall take necessary steps to ensure that the faculty mentors are able to meet their assigned mentees at the time of the orientation session, A special session shall be set aside for the same. Thereafter, the mentor will hold a familiarization meeting to find out student's previous educational experiences, decision to join this university and what the student hopes to achieve.
- g. Mentor shall advise and approve of the courses (core, elective and open elective) that mentee Seek to choose in each semester.
- h. It shall be the responsibility of the mentee to contact faculty mentor at the appointed hour. However, the mentor may also take steps to contact mentees through e.mail / social media and other appropriate mediums. The mentors should let the mentees know the time and place for meeting. Mentors may give special attention to the needs of students who are challenged due to cultural and ethnic issues,
- i. The mentoring shall cover academic and non-academic issues faced by the mentees. Where required mentor shall recommend for professional help,
- j. For first year students, the mentor should preferably conduct at least one session per month. However, each School of the University will have the flexibility to decide on the number of sessions as per their curriculum requirement; as the new students are just learning the ropes and fretting about the long and

Paramarsh - Our Mentoring Portal

- challenging road ahead in their new environment. The sessions can be adjusted from a regular basis to a requirement based mentoring when the students progress to the second year.
- k. The mentors shall record mentee interactions every time the student approaches the mentor for the purpose of mentoring.
- I. The mentors shall encourage the students to use their time effectively and productively.
- m. The mentors review students' progress quarterly via examining attendance and academic performance records
- n. The mentor shall take up academic issues of a serious nature and initiate action for resolution of the same
- o. The mentors must make nest efforts to dissuade their mentees from harmful practices of smoking, drugs,
- p. The mentor should encourage the mentee to take up challenging academic paths during his/her course of study.

5. Mentoring Programl Governance

- a. There shall be a Mentoring Program Coordinator at the University level to oversee the mentoring program who, in tandem with mentoring program coordinators of the School, and the Department, will facilitate the smooth functioning of the program at the School/ Department level.
- b. The Vice Chancellor shall appoint a Chief Mentoring Program Coordinator from among the senior faculty members, The person should be well informed about the effective mentoring practices/ managed student affairs at the University level and is well versed with the nature of common problems faced by the student community in the Sharda University.
- c. The tenure of the Chief Mentoring Program Coordinator shall ordinarily be for a period of two years and can be extended with the due approval of the competent authority.
- d. The Chief Mentoring' Program Coordinator shall have the following functions:
 - · Disseminate aims and objectives of the mentoring program to school mentoring coordinator,
 - · Coordinate mentoring activity with the Mentoring Coordinators at the School/ Department level
 - Organize Mentor Training and Student Induction Programs at the commencement of the academic year to ensure uniformity of mentoring program delivery across all Schools and Departments.
 - Monitor the overall mentoring program by having regular interaction/ meetings with the Deans,
 School/Department Mentoring coordinators, Mentors, preferably once every month.
 - · To identify and address the concerns of mentors arising out of interaction with mentees,
 - To facilitate technical support by coordinating with the IT Support team in case of technical glitches, if any,
 - To review the mentoring program policy document, whenever required, to improve mentoring practices/ process and the general effectiveness of mentoring,

7. Mentoring Coordinator (School/Department level)

 a. The Mentoring Coordinator at the School/ Department level shall oversee and coordinate the functioning of the Mentors of the respective School/ Department,

- b. The Mentoring Coordinator shall be appointed by the Dean of that School in consultation with the Chief Mentoring Program Coordinator and the Vice Chancellor.
- c. The tenure of the Mentoring Coordinator shall be two years, and can be extended or shortened depending upon the performance.
- d. The role of the Mentoring Coordinator shall be:
 - To be a single point of contact for overall information concerning the mentoring program at the school level.
 - To make timely mentee allocation, monitor the mentoring program, maintain the mentor-mentee lists and file. Prepare monthly school level mentoring reports and share it with Dean.
 - To take up cases of indiscipline reported from the office of the Chief Proctor with concerned mentors for providing necessary counseling and g u ida nce.
 - · To seek feedback from mentees and analyze the same,
 - To help newly recruited faculty mentors understand the aims and objectives of the mentoring program and share the context and common student concerns.
 - · To keep regular checks on the online portal and encou rage/ rernind mentors to participate actively,
 - · To report technical issues in the online mentoring portal, if any,
 - To attend meetings convened by the Chief Mentoring Program Coordinator or the Dean for the purpose.
 - · To convene interactive sessions with mentors to understand the challenges faced by them.

8. Assignment of Mentors

- a. All the faculty members including the HoD and the Dean shall be mentors for students admitted to the program that the school offers. The Dean / HoD shall allot the students to the mentors from the date of registration. There shall be equitable distribution of students among faculty (including HoD and the Dean)
- b. In case a mentor is on leave for more than a month, Dean / HoD shar, make re-allotment among the available faculty, If a new faculty joins the department, HoD / Dean shall carry out re-allotment so that all the faculty members have almost equal number of mentees,
- c. The Mentors at the School/ Department shall carry out mentoring and will have preferably not more than 20 mentees, It is the responsibility of the mentoring coordinator to ensure that every student of the School is assigned a mentor,
- d. The functioning of the mentees shall be coordinated by Coordinators of the respective School/ Department'
- e. All issues relating to the allotment of mentees or mentors the notice of the mentoring coordinator.

9. Role of Mentors

Mentors are expected to: the Mentoring shall be brought to

- Establish a sustained connect with the mentees, be helpful and encourage them to come up with their problems.
- Mentor shall be available to the mentees beyond the classroom and keep them informed if for some unforeseen reason they are unavailable for a scheduled mentoring session,

8/16/23, 11:29 AM

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- · Engage with the mentees to identify and understand their strengths and areas of improvement,
- Take regular feedback on mentees attendance regularity, academic performance, conduct, etc. and advise/mentor on short fall, if any.
- Counsel mentees who have been involved in disciplinary issues.
- Keep the Mentoring Coordinator/ Mentoring Program Coordinator informed of the issues that require
- Identify mentees who have attitudinal problems requiring psychologica, counseling and arrange for the same.
- · Conduct interactive sessions apart from one to one session to the extent possible.
- Positively communicate mentee's concerns about a particular course/ other matters to the concerned teachers/ officials.
- · To maintain strict confidentiality on mentees'concerns that is of personal/sensitive nature.
- · To inform the parents any issue that needs attention
- To encourage a thought process in the students that would encourage a all round holistic growth and development of the mentee.
- · To identify the interest area and talent of the mentee and encourage the mentee to pursue the talent,

10. Role of Mentee

All mentees are expected to:

- Take best advantage of the mentoring program of the University and meet designated mentors on a regular basis to resolve academic/ other issues,
- To maintain healthy attendance of the mentor-mentee meetings, University authorities may, in their wisdom, debar students from taking end-semester examination if a mentee does not attend at least 75o/o of the scheduled meetings,
- · Take the feedback provided by the Mentors positively and seriously act upon it,
- . Be open and receptive to the new ways of teaching/learning and seek help whenever required.
- · Be focused on achieving desired results,
- Have a sense of responsibility and commitment towards their learning pursuits and towards University, r
 Be disciplined, focused and make best use of the University's facilities and experience for maximizing
 their potential, developing skills/competencies and improve their performance.
- Uphold dignity and prestige of Sharda University, . Shall not indulge in any act which is deemed to be of unbecoming of a student,

Mentoring Policy (https://paramarsh.sharda.ac.in/mentoring-policy) Mentoring Cell
(https://paramarsh.sharda.ac.in/mentoring-cell) Mentoring Coordinators
(https://paramarsh.sharda.ac.in/mentoring-coordinators) Gallery (https://paramarsh.sharda.ac.in/gallery) Events
(https://paramarsh.sharda.ac.in/events)

https://paramarsh.sharda.ac.in/mentoring-policy

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Gender related Courses in the University

9	School of Humanities & Social Sciences	Humanities & Social Sciences	MAE202	Women's Writing in the Age of Modernism	The course offers a comprehensive account of women's writings emerging from different problematic backgrounds like the race related issues in America and caste related issues in India.
10	School of Humanities & Social Sciences	Humanities & Social Sciences	BHI305	Gender in Indian History upto 1950	Historical studyadvances significant influences on personality and relevance of gender specific traits
11	School of Humanities & Social Sciences	Humanities & Social Sciences	BPO207	Feminism: Theory and Practice	The paper attempts to educate the students on contemporary debates and issues within feminism and social justice
12	School of Humanities & Social Sciences	Humanities & Social Sciences	BPS303	Personality Theories & Assessment	Personality theories advance significant genetic and biological influence on personality and relevance of gender specific traits
13	School of Humanities & Social Sciences	Humanities & Social Sciences	BAE108	SOCIOLOGY-II	The course is designed to introduce the students with the fundamental concepts of family and the fabric which binds it along with providing insight into the idea of gender issues and sexuality
14	School of Humanities & Social Sciences	Humanities & Social Sciences	BAE127	Gender and Society I	The course fascilitates guided exploration of texts that engage with wide spectrum of perspective on faminism in order to enable students have a firm understanding of faminism in literature and have a gender persepective
15	School of Humanities & Social Sciences	Humanities & Social Sciences	BAE130	Gender and Society II	The course facilitates guided exploration of texts that engage with the wide spectrum of perspectives on feminism in order to enable students have a firm understanding of Gender (mainly women studies) and contextualising it in terms of social constructs and arenas (bringing performance studies)
16	School of Humanities & Social Sciences	Humanities & Social Sciences	BAE133	Sociology II	This course is designed to introduce the students with the fundamental concepts of family and the fabric which binds it alongwith providing insight into the idea of gender issues and sexuality.
17	School of Humanities & Social Sciences	Humanities & Social Sciences	BAE208	Women's Writing	The course helps to develop an understanding to the historical develoment of women's writing and some of the social, political, cultural or historical conditions out of which women's writing arises.
18	School of Law	Law	MAL137	HUMAN RIGHTS OF WOMEN AND CHILDREN	This course shall help in understanding the students the historical and social status of women and children. It will acquaint the students with the development of Human Rights law through various international instrumentalities. The course also provides an opportunity to the students to learn about Indian Constitutional provisions and role of Indian Supreme Court with respect to Human Rights in India.
19	School of Basic Sciences and Research	Mathematics	MSM253	Statistics Lab II	L. Equip students with the skills to apply statistical concepts and analytical tools to analyze and handle real-world Gender issues, Business problem. 2. By applying Statistical Tool in selected work, student can understand the Gender gap exist or not.

	_			List of Courses	on Gender related concepts
S No	School	Department	Course Code	Name of the Course	Brief Description
1	School of Business Studies	Management	OPE151	MANAGING GENDER DIVERSITY IN WORKPLACE	Managing the challenges of an increasingly gender diverse workforce. Individual and group perspectives on gender diversity. Diversity and the change process; inclusion strategies for the organization's competitive advantage.
2	School of Education	Education	SEB201	Gender, School and Society	For a truly egalitarian and democratic society, there is a need to have empowered & informed citizens. This course aims to develop basic understanding and familiarity with concept of Gender and its intersection with class, caste, religion and region. It also intends to make aware about the process of socialization at home and school. The Course will help in creating awareness and understanding of laws dealing with aspects of gender. It plays a crucial role in identifying structural inequalities and bridging the gap between the formal legal regime and the implementation of progressive laws across the societies
3	School of Education	Education	MED218	Gender Studies	For a truly egalitarian and democratic society, there is a need to have empowered & informed citizens. This course aims to develop basic understanding and familiarity with concept of Gender and its intersection with class, caste, religion and region. It also intends to make aware about the process of socialization at home and school. The Course will help in creating awareness and understanding of laws dealing with aspects of gender. It plays a coucla role in indeviling structural in nequalities and bridging the gap between the formal legal regime and the implementation of progressive laws across the societies
4	School of Humanities & Social Sciences	Humanities & Social Sciences	BIS101	Individual and Society- I	The paper attempts to sensitise the studens with contemporary issues of Gender, Values and Ethics through the study literatures produced within the society.
5	School of Humanities & Social Sciences	Humanities & Social Sciences	BAE217	Society and Culture in Modern India	The paper enables a study of Society and Culturaltheories that advance significant genetic and biological influence on personality and relevance of gender specific traits
6	School of Humanities & Social Sciences	Humanities & Social Sciences	MSO103	Sociology of Reproduction and Gender	The paper attempts to educate the students on contemporary debates and issues within feminism and social justice
7	School of Humanities & Social Sciences	Humanities & Social Sciences	MPY102	Applied social psychology and assessment in social psychology.	Personality theories advance significant genetic and biological influence on personality and relevance of gender specific traits along with values and ethics
8	School of Basic Sciences and Research	Mathematics	MMT152	Statistics Lab	Equip students with the skills to apply statistical concepts and analytical tools to analyze and handle real-world Gender Issues, Buisness problem. By applying Statistical Tool in selected work, student can understand the Gender gap exist or not.

20	School of Media, Film and Entertainment	Mass Communication	BMC123	Contemporary Affairs –I	With the Syllabus of this Subject, pupil will be able to sensitize with the issues pertaining to Gender studies. They will be able to understand different facets of human values.
21	School of Media, Film and Entertainment	Mass Communication	BMC117	Mass Media & Society-I	With the Syllabus of this Subject, pupil will be able to sensitize with the issues pertaining to Gender studies. They will be able to understand different facets of human values and professional ethics.
22	School of Media, Film and Entertainment	Mass Communication	BMC124	Contemporary Affairs - II	With the Syllabus of this Subject, pupil will be able to sensitize with the issues pertaining to Gender studies. They will be able to understand different facets of human values.
23	School of Media, Film and Entertainment	Mass Communication	BMC110	Indian Polity & Society	With the Syllabus of this Subject, pupil will be able to sensitize with the issues pertaining to Gender studies. They will be able to understand different facets of human values.
24	School of Media, Film and Entertainment	Mass Communication	BMC213	Contemporary Affairs - III	With the Syllabus of this Subject, pupil will be able to sensitize with the issues pertaining to Gender studies. They will be able to understand different facets of human values.
25	School of Media, Film and Entertainment	Mass Communication	BMC222	Contemporary Affairs- IV	With the Syllabus of this Subject, pupil will be able to sensitize with the issues pertaining to Gender studies. They will be able to understand different facets of human values.
26	School of Media, Film and Entertainment	Mass Communication	BMC238	Mass Media & Society-II	With the Syllabus of this Subject, pupil will be able to sensitize with the issues pertaining to Gender studies. They will be able to understand different facets of human values and professional ethics
27	School of Media, Film and Entertainment	Mass Communication	BCM182	Introduction to Social Sciences - I	With the Syllabus of this Subject, pupil will be able to sensitize with the issues pertaining to Gender studies. They will be able to understand different facets of human values.
28	School of Media, Film and Entertainment	Mass Communication	BMC181	News and Contemporary Issues	With the Syllabus of this Subject, pupil will be able to sensitize with the issues pertaining to Gender studies. They will be able to understand different facets of human values.
29	School of Media, Film and Entertainment	Mass Communication	BMC304	Development Communication	With the Syllabus of this Subject, pupil will be able to sensitize with the issues pertaining to Gender studies. They will be able to understand different facets of human values.
30	School of Media, Film and Entertainment	Mass Communication	BFM204	Development Communication	With the Syllabus of this Subject, pupil will be able to sensitize with the issues pertaining to Gender studies. They will be able to understand different facets of human values.
31	School of Media, Film and Entertainment	Mass Communication	BMC148	Culture and Art Form	With the Syllabus of this Subject, pupil will be able to sensitize with the issues pertaining to Gender studies. They will be able to understand different facets of human values.

42	School of Media, Film and Entertainment	Mass Communication	MMC180	Media, Society, Culture and Religion	With the Syllabus of this Subject, pupil will be able to sensitize with the issues pertaining to Gender studies. They will be able to understand different facets of human values.
43	School of Media, Film and Entertainment	Mass Communication	MMC182	Social Study, Media and Contemporary Issues	With the Syllabus of this Subject, pupil will be able to sensitize with the issues pertaining to Gender studies. They will be able to understand different facets of human values.
44	School of Media, Film and Entertainment	Mass Communication	MCC301	Community Connect	With the Syllabus of this Subject, pupil will be able to sensitize with the issues pertaining to Gender studies. And also develop an understanding of environmental issues
45	School of Media, Film and Entertainment	Mass Communication	MMC187	Development Communication	With the Syllabus of this Subject, pupil will be able to sensitize with the issues pertaining to Gender studies. They will be able to understand different facets of human values.
46	School of Medical Sciences & Research	Medical Sciences	MBS101	Anatomy	Anatomy of the male and female bodies is different and as a physician, one needs to be sensitive to the needs of each individual, based on their gender. Human values and ethics are part of the MBBS curriculum throughout the course
47	School of Medical Sciences & Research	Medical Sciences	MBS102	Physiology	Physiology of the male and female bodies is different and as a physician, one needs to be sensitive to the functioning of each individual, based on their gender. Human values and ethics are part of the MBBS curriculum throughout the course
48	School of Medical Sciences & Research	Medical Sciences	MBS204	Forensic Medicine	Human values and ethics are part of the MBBS curriculum throughout the course. Forensic medicine deals with , documentation, respect for gender during postmortem, and ethics involving confidentiality
49	School of Medical Sciences & Research	Medical Sciences	MBS303	Community Medicine	Human values and ethics are part of the MBBS curriculum throughout the course. Community medicine deals with social and preventive medicine, respect for gender during postmortem, and ethics involving confidentiality
50	School of Medical Sciences & Research	Medical Sciences	MSD306	Physiology	Physiology of the male and female bodies is different and as a physician, one needs to be sensitive to the functioning of each individual, based on their gender. Human values and ethics are part of the curriculum throughout the course
51	School of Medical Sciences & Research	Medical Sciences	MSM102	Medical Physiology	Physiology of the male and female bodies is different and as a physician, one needs to be sensitive to the functioning of each individual, based on their gender. Human values and ethics are part of the curriculum throughout the course
52	School of Medical Sciences & Research	Medical Sciences	MSD305	Anatomy	Structure of human body (male and female bodies) from the gross to the molecular level and basic principle of human groth in differentgender. Human values and ethics are part of the MD curriculum throughout the course
53	School of Medical Sciences & Research	Medical Sciences	MSM101	Medical Anatomy	Anatomy of the male and female bodies is different and as a physician, one needs to be sensitive to the needs of each individual, based on their gender. Human values and ethics are part of the curriculum throughout the course

	a de colo da se de c								
	School of Media,	Mass		L	With the Syllabus of this Subject, pupil will be able to sensitize with the issues pertaining to Gender studies. They will be able to				
32	Film and	Communication	MMC121	Development Communication	understand different facets of human values.				
	Entertainment								
	School of Media,	Mass			With the Syllabus of this Subject, pupil will be able to sensitize with the issues pertaining to Gender studies. They will be able to				
33	Film and	Communication	MMC126	Contemporary Affairs-I	understand different facets of human values.				
	Entertainment								
	School of Basic				Equip students with the skills to apply statistical concepts and				
34	Sciences and	Mathematics	BDA101	Statistics Lab	analytical tools to analyze and handle real-world Gender issues, Buisness problem.				
	Research				2. By applying Statistical Tool in selected work, student can understand the Gender gap exist or not.				
	School of	Agricultural			This course gives an overview of rural society of India and effect of gender in the society. It helps students get knowledge about				
35	Agricultural	Sciences	BAG109	Rural Sociology and Educational Psychology	gender sensitisation and its importance to maintain the sociology and psychology of a community				
	Sciences				9,				
					Under the guidance of a thesis mentor, students are required formulate a cohesive thesis argument and project using supportive				
	School of				research and case studies and should demonstrate his ability and skills to do a critical enquiry through design. We address				
36	Architecture &		Architecture ARJ510		Gender sesnsitive issues in each project. Hence, gender become an important component of reserach and investigation process.				
	Planning				The nature of the work must be an original research or design project that involves additional learning of a substantive nature.				
					5 , ,,				
	School of								
37	Architecture &	Art and Design	BDC220	Social Science	The course describes about social values, Gender issues, social system in relation to design .				
	Planning								
	School of Media,	Mass			With the Syllabus of this Subject, pupil will be able to sensitize with the issues pertaining to Gender studies. They will be able to				
38	Film and	Communication	MMC127	Contemporary Affairs- II	understand different facets of human values.				
	Entertainment								
	School of Media,	Mass		L	With the Syllabus of this Subject, pupil will be able to sensitize with the issues pertaining to Gender studies. They will be able to				
39	Film and	Communication	MMC123	Media and Society	understand different facets of human values and professional ethics				
	Entertainment								
	School of Media,	Mass			With the Syllabus of this Subject, pupil will be able to sensitize with the issues pertaining to Gender studies. They will be able to				
40	Film and	Communication	MMC202	National And International Affairs	understand different facets of human values.				
	Entertainment								
	School of Media,	Mass	******	G4	With the Syllabus of this Subject, pupil will be able to sensitize with the issues pertaining to Gender studies. They will be able to				
41	Film and	Communication	MMC223	Contemporary Affairs-III	understand different facets of human values.				
	Entertainment								
	School of Media,	Mass			With the Syllabus of this Subject, pupil will be able to sensitize with the issues pertaining to Gender studies. They will be able to				
42	Film and	Communication	MMC180	Media, Society, Culture and Religion	understand different facets of human values.				
	Entertainment								

Events organization for Gender Equity and Women's issues



CME: Step Up For Breastfeeding Week from 1st to 7th Aug 2022



International Yoga Day celebration in Sharda University on 21st June 2022



School of Dental Science organised an event for World No Tobacco Day 2022



"Mahila Swasthya Diwas" on occasion of International Menstrual Hygiene Day on 28th May 2022



CME on the occasion of World Womens Health Day on 27 May 2022



Basic Newborn Resuscitation Provider Course (BNRPC) on 23rd Apr 2022



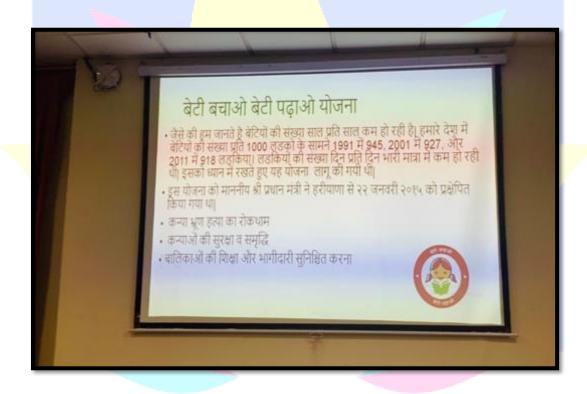
Sharda University welcomed the newly joined Bhutanese students



"Run for unity" celebration hosted by the Sharda University



National Commission for Women, New Delhi Government of India" "Women in Leadership: Achieving an equal future in a COVID-19 World" awards















6 CLEAN WATER AND SANITATION



Introduction

In line with the Sustainable Development Goal "Clean Water and Sanitation," Sharda University is fully committed to providing access to essential water, sanitation, and hygiene services both on campus and within the community. With a population of around 17,500+ people involved in diverse activities across 63 acres, the University aims to foster the holistic development of students as responsible future citizens. A key priority in this mission is the effective management of water and sanitation to promote a healthy future

All academic blocks, hostels, and hospitals at Sharda University are equipped with RO systems and proper sanitation facilities. Strict hygiene practices are followed in the hostels, dining areas, and the university hospital. The University has also taken significant steps to integrate green practices into its academic and non-academic operations. In laboratories, green practices are implemented, including the collection and safe disposal of chemical and biochemical waste through certified waste agencies. Labs are outfitted with fume hoods and glove boxes to ensure safe handling of hazardous materials.

Sharda University's Waste Management Policy ensures the segregation of solid waste into biodegradable (wet), non-biodegradable (dry), and hazardous categories. Wet waste is processed into compost, while dry waste is further segregated into recyclable and non-recyclable materials for proper disposal. An on-campus compost plant processes food and wet waste. The University also has a rainwater harvesting system in place to support water reduction, recycling, and reuse. Its sewage treatment plant (STP) with a 400 KLD capacity and effluent treatment plant (ETP) with a 30 KLD capacity ensure that treated water is reused for horticulture and flushing systems, while sludge is repurposed as manure.

Biomedical waste is managed in compliance with statutory regulations, and hazardous chemicals and radioactive materials are handled following due protocols. The University implements a reduce, recycle, and reuse policy for water, employing sprinkler and drip irrigation systems where feasible. An automated water spray vehicle controls dust across the campus, and battery-operated vehicles facilitate eco-friendly transportation. The campus has also been declared a "No-Noise Zone". Initiatives like reusing paper and planting over 4,500 trees have significantly improved air quality and reduced pollution. Student-led organizations, including NSS and the Eco-Task Force, actively participate in green practices to protect the environment.

To further enhance sustainability, the University has banned smoking and open burning on campus. A mandatory three-credit course on green practices, focusing on the conservation of natural resources and environmental protection, is part of the curriculum. Additionally, the Community Connect course raises awareness on issues such as pollution and its mitigation within the local community. Large-scale tree planting has noticeably lowered campus temperatures, and rainwater harvesting, structured waste management, and other conservation efforts have contributed to a cleaner, greener campus with reduced operational costs. The active participation of students in these environmental efforts bodes well for a future of improved sanitation, water quality, and sustainability.



Fig. 1: Labs Equipped with Fume Hood



Fig. 2: Sanitation/House Keeping facilities



Fig. 3: Ros at Campus

RO System Installed in Buildings/Blocks

	RO PLAN	TS IN CAMPUS	
S.No	Building Name	R O Tank Capacity	Remark's
1	Block-02	2000 Ltr.	
2	Dental bldg.	1500 Ltr.	
3	Medical bldg.	1500 Ltr.	
4	Block-04	2000+1000 Ltr.	
5	Mandela hostel	2000 Ltr.	
6	Jawahar hostel	1500 Ltr.	
7	Kasturba hostel	1000 Ltr.	
8	Block-45	1000 Ltr.	
9	Vardhman hostel	1000 Ltr.	
10	Indira hostel	2000 Ltr.	
11	Hospital (R O water)	2000 Ltr.	
12	Hospital (Dialysis)	1000 Ltr.	
13	Hospital (Dialysis)	500 Ltr	

Inspection Frequency of RO System

				narda University								
	Maintenance Dept. R O Water Supply											
S.No	Date	Building Name	Monoblock pump	High pressure pump	Product water	Reject water	TDS	Remark's				
1	16/07/2023	Block 02	ol ka	7 kg	1800	4200	69	OK				
2	17/07/2023	Block 02	1149	7 kg	1800	4200	68	ok				
3	18/07/2023	Block 02	lleg	-1 kg	1800	4300	69	ok				
4	19/07/2023	Block o2	1149	T kg	1800	4300	69	oK				
5	20/07/2023	Block of	1 kg	Fky	1800	4300	69	ok				
6	21/07/2023	Block 02	1 kg	7 kgg	1000	4300	69	ok				
7	22/07/2023	Block 02	ikg	Tkg	1900	4200	68	ok				
8	23/07/2023	Block of	1 kg	Fly	1900	4200	69	ok				
9	24/07/2023	Block 02	1 kg	7 149	1900	4200	68	ok				
10	25/07/2023	Block of	1 kg	7 hay	1900	4300	68	ok				
11	26/07/2023	Block of	1 149	7 Kg	1900	4200	66	OK				
12	27/07/2023	Block 02	1 Kg	719	1900	4200	65	ok				
	23/07/2023	Block 02	1/49	They	1900	4300	65	ok				
14		ARSEN4				ARCEN	1					
15		1 1000/11				,	1					
	Supervisor Signature Manager Signature											

Fig. 4

Food Hygiene Data and Inspection Frequency in Mess along with Photograph

			WASI	HROOMS - A	CADEM	C BLOCK	& HOSTE	L			
S. No.	Academic Block	Floor		mmon nrooms		ached hrooms	т	otal	Staff WR	Divyangjan	Total
140.			Male	Female	Male	Female	Male	Female			
1	Block 1	6	12	12	0	0	12	12	5	1	30
2	Block 2	9	18	18	0	0	18	18	12	1	49
3	Block 3	6	11	11	0	0	11	11	7	1	30
4	Block 4	9	18	18	0	0	18	18	36	2	74
5	Block 7	9	18	18	0	0	18	18	5	5	46
6	Block 21 SDS	7	14	14	0	0	14	14	12	1	41
7	Block 22 SMSR	7	23	22	0	0	23	22	26	1	72
8	Block 45	6	12	12	0	0	12	12	3	2	29
9	Block 41		0	0	0	0	0	0	0	0	0
	Total		126	125	0	0	126	125	106	14	371
10	Mandela Hostel (Girls)	12	0	0	0	504	0	504	0	0	504
11	Sarojini Hostel	8	0	8	0	0	0	8	0	0	8
12	Kasturba Hostel	8	0	8	0	0	0	8	0	0	8
13	Mother Teresa Hostel	2	0	6	0	0	0	6	0	0	6
14	Indra Hostel	12	0	14	0	0	0	14	0	О	14
9	Mandela Hostel (Boys)	12	0	0	247	0	247	0	0	0	0
15	Vivekanand Hostel	8	16	0	0	0	16	0	0	0	0
16	Tagore Hostel	8	16	0	0	0	16	0	0	0	0
17	Jawahar Hostel	7	0	О	110	0	110	0	0	О	0
18	Vardhman Hostel	4	31		0	0	31	0	4	0	4
	Total		63	36	357	504	420	540	4	О	964
L	Grand Total		189	161	357	504	546	665	110	14	1335

Fig.5



Fig. 6: Mess Photograph-1

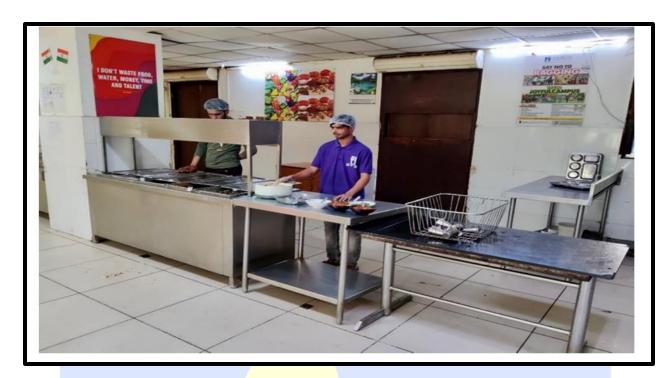


Fig. 7: Mess Photograph-2

Mess Menu for Students and Staff

DAY	BREAK FAST	SS MENU (VARDHMAN HOSTEL) LUNCH	SNACKS	DINNER	
MONDAY	KALA CHANA, MILK DALIA, BREAD BUTTER/ JAM, FRUIT, TEA, MILK	KALI MASOOR DAL , ALOO BUJIA, ROTI, RICE, SALAD, ACHAR, JEERA RAITA	BARGER 1Pcs , TEA, SAUCE	KADHAI PANEER, DAL FRY,RICE , ROTI, SALAD, ACHAR, SUJI HALWA/MOONG DAL HALWA	
TUESDAY	ALOO PYAZ PARATHA, DAHI, FRUIT,SAUCE TEA	RAJMA, SEA VEG, ROTI, RICE, BOONDI RAITA, SALAD, ACHAR	DAHI PAPDI, NIMBU PANI	MATAR PULAW, CHHÖLE, KASHIFAL, PURI/ROTI, RICE, SALAD, ACHAR, RICE KHEER	
WEDNESDAY	AJWAIN PLAIN PRANTHA, ALLOO TAMATAR SUBJI, FRUIT, MILK, TEA	KADI PAKODA, JEERA ALOO, RICE, ROTI, SALAD, ACHAR	ALOO PATTIES/BREAD ROLL.2Pcs, TEA,	MATAR PANEER/PALAK PANEER , MIX DAAL, JEERA RICE, ROTI, BOONDI LADU, SALAD, ACHAR	
THURSDAY	PANEER PYAZ PARATHA, DAHI, SAUCE, ACHAR, TEA,FRUIT	ARHAR DAL, SEA VEG(PARWAL/BHINDI) ROTI, RICE, SALAD, ACHAR, JEERA RAITA	BHEL PURI, SAUCE, TEA	DHABA DAL, ALOO MATAR TAMATAR, GHEE ROTI , VEG BIRYANI, SALAD, ACHAR, ICE-CREAM	
RIDAY	BREAD OMELETTE /BREAD BUTTER/JAM, ELAICHI MILK, FRUIT, TEA	ALOO BLACK CHANA/ BLACK CHANA, SEA VEG,RICE, ROTI SALAD, ACHAR,RAITA	SAMOSA 2 Pcs, SAUCE, TEA	LAL MASOOR DAAL, LAUKI KAUFTA/MANCHURIAN, JEERA RICE, GHEE ROTI, SALAD, ACHAR, CUSTURD	
SATURDAY	POORI, JALEBI, ALOO - MATAR, MILK, FRUIT	URAD DAL,ALOO SOYABEEN/DUM ALOO ROTI, RICE, VEG RAITA, SALAD, ACHAR	POHA, SAUCE, ROOHAFZA	ARHAR DAL FRY, KATHAL, VEG KHICHDI, PAPAD, ROTI, RICE, SALAD, ACHAR	
SUNDAY		BIRYANI, TAMATAR CHATNI, SALAD, ACHAR	STUFF KULCHA/PAV BHAJI, NIMBU	SHAHI PANEER/ EGG KARI, CHANA DAAL, RICE, SALAD, ACHAR, GHEE ROTI, GULABJAMUN	
The Seasonal Fruits: Apple, *** Salad (Cu	G- , KUNDRU, LOCKY , MATAF Veg would be provided depen Banana, Guava, Papaya, Oran c ber + onion + carrot+ lemon)	, , BEANS , TORI , PARWAL ,BHIN ding upon the their availability in ge, WATER MELLON only can be changed as per the avail	n the Market	Chief Warden-IHA: VAI	Warder // RDHAMA Sharda

Fig. 8

F	Food Court, Canteen/Cafeteria, stationery Shop, Laundry and other Facilities									
S.No.	Nature of Shop/Facility	Kiosk name	Location							
1	Food Court	Mothers Kitchen (South Indian)	Shop No. 4 Hospital							
2	Food Court	Nescafe (Starbean)	Near Amul-Central Sector							
3	Food Court	Nescafe (Starbean)	Near Gate no. 4							
4	Food Court	Café - 47	Near Block 7							
5	Food Court	Coca cola (Hideout)	In front of Old staff Qtr							
6	Food Court	AmulParlour	Near Sarojini Hostel							
7	Food Court	Café - 24 x 7-Anubhav Gupta	Near VivekanandBlock-28							
8	Food Court	Sambhojan Foods	Near STP plant Eastern Sector							
9	Food Court	Coffee Day Global Ltd	Near STP plant-Eastern Sector							
10	Food Court	Vadi Lal Ice Cream & Hello Biryani	Near Block-1							
11	Food Court	Freshius Food- Anubhav Gupta	2nd Floor, Sharda Hospital							
12	Food Court	Hindustan Food Corner	Shop No. 1 Hospital							

13	Food Court	Italian Pizza	Near Gate No 4
14	Canteen/Cafeteria	Lego House	Behind Block 4
15	Canteen/Cafeteria	Amazing Café & Burger (Urban Café)	Ground Floor, Nursing Qtrs
16	Bakery Shop	Frequent Bakes	Shop No. 5 Hospital
17	Bakery Shop	Bake Master	Mandela basement
18	Juice Shop	Juice Corner	Near Nursing Hostel
19	Juice Shop	Shiva Juice Corner	Near Block-1
20	Chemist Shop	Nature Pharma	Gr. floor, Sharda Hospital
21	Chemist Shop	Nature Pharma	Gr. floor Dental Building
22	Stationary/Mobile Shop	Love communication	Near Gate no. 4

Fig. 9 & 10: Food Court, Canteen/Cafeteria, Stationary Shop, Laundry and Other Facilities

ETP and STP Plant at Campus

	MONTHLY SUMMARY OF WET AND DRY WASTE (MUNICIPAL SOLID WASTE MANAGEMENT)										
		WET WASTE	OLID II	ILOIL	104741 (7)	DRY WA					
MONTH	Wet Waste (Received)	Wet Waste (After de- wateration)	Compost Formed	Paper	Plastic	Card Board	Others (polythene)	Total Dry			
Nov-22	66870	32050	6680	911	3265	4400	3149	11725			
Dec-22	67090	33090	6700	1084	1280	2825	3246	8435			
Jan-23	63566	33715	6350	500	2925	4430	4430	12285			
Feb-23	59635	29455	5950	0	2345	4945	4730	12020			
Mar-23	71455	34124	7140	0	3395	4895	3440	11730			
Apr-23	68410	32550	6835	0	1605	3845	970	6420			
May-23	67117	32680	6700	102	3940	4945	2705	11692			
Jun-23	69015	33390	69 <mark>00</mark>	401	6305	5510	4750	16966			
Jul-23	71365	32665	7130	0	1475	2540	1285	5300			
Aug-23	70150	33850	7000	1240	5090	6170	3020	15520			
Sep-23	67150	33690	6710	415	3960	6755	1550	12680			
Oct-23	64990	31570	6450	805	3760	7840	3085	15490			
Nov-23	63785	31340	6360	1570	3030	6360	2980	13940			
Dec-23	44665	23950	4460	960	2190	3930	2380	9460			
Jan-24	68520	3319 <mark>0</mark>	6800	1275	3480	5425	4015	14195			
Feb-24	61735	317 <mark>40</mark>	6170	1400	3505	2290	3370	10565			
Mar-24	68070	34470	6804	1400	3055	5305	2245	12005			
Apr-24	61735	31260	6170	1305	4505	7975	2330	16115			
May-24	44760	23860	4325	1350	4155	2950	1995	10450			
Jun-24	45775	23915	4570	0	0	2175	615	2790			
Jul-24	4781 <mark>0</mark>	24490	4780	600	860	1605	355	3420			
			\								
TOTAL	2395464	1176501	238998	48860	151828	203834	161284	560048			



Fig. 11: Effluent Treatment Plant (ETP)



Fig. 12: Sewage Treatment Plant (STP)

Biological and solid waste management practices

University has signed MoU/agreement with various agencies to collect the waste to maintain the hygiene in campus. University has done the installation of new STP.



Fig. 13: Safe Handling of Waste

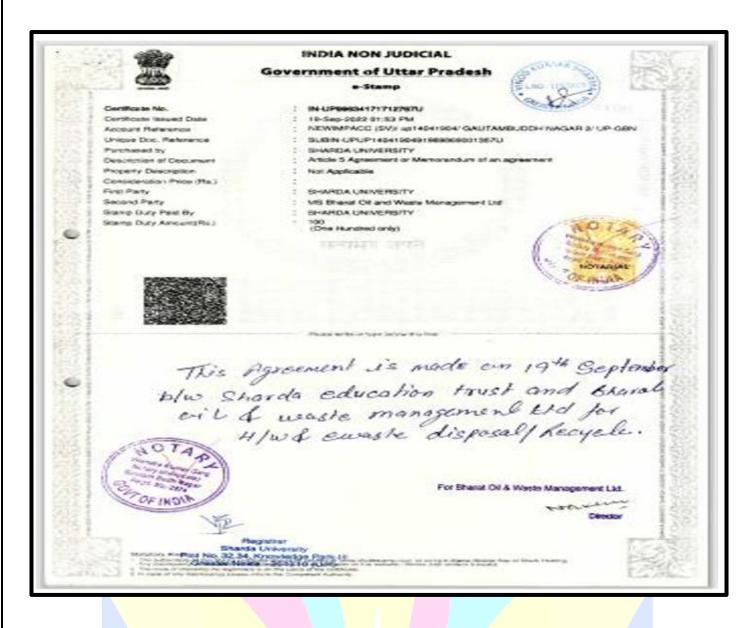


Fig. 14: Agreement between Sharda University and Waste Management Agency

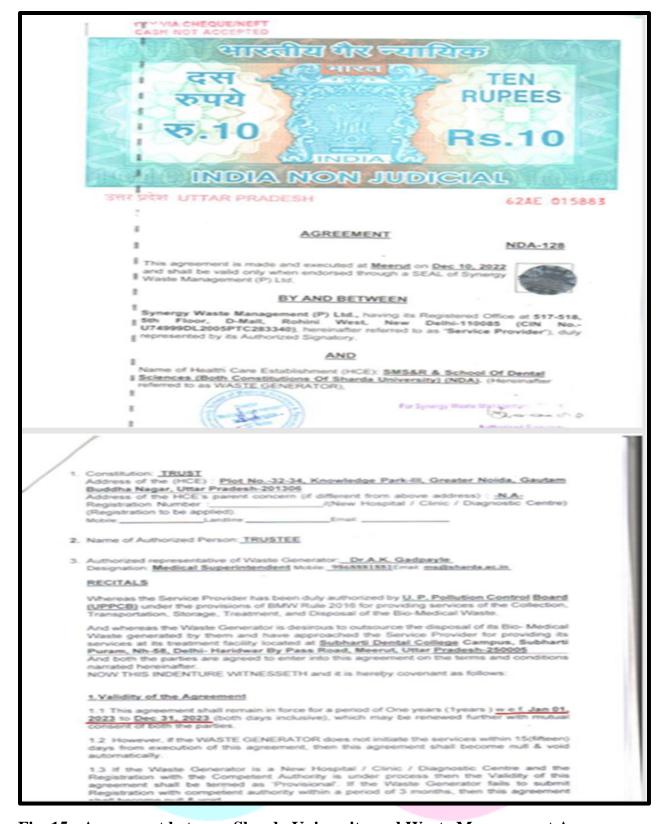


Fig. 15: Agreement between Sharda University and Waste Management Agency



Fig. 16: Agreement between Sharda University and Waste Management Agency

MATRIX ECO SOLUTIONS PVT LTD.

201, PRIYANKA TOWER, BASAI DARA PUR INDUSTRIAL ESTATE, MOTI NAGAR, NEW DELHI – 110015, Phone: 011- 45543162, 9868810577

Email: contact@matrixeco.com, matrixeco@gmail.com, Website: www.matrixeco.com

INSTALLATION REPORT

Date: -18.07.2023

Name and Address of the Customer: - M/S RISHAV SHELTERS PRIVATE LIMITED
Plot No. 32,34 Knowledge Park-3 Greater Noida
Site: - Sharda University, Greater Noida

Contact Person: - Mr. Arvind Kumar Singh Ji

Equipment: - STP 800 KLD

Report of Service Engineer: -

 We would like to inform officially that the STP 800 KLD, has been Installed at your site, all Equipment are working properly.



Sign. With Seal of Customer

Fig. 17: Agreement between Sharda University and Waste Management Agency









Fig. 18: Rainwater Harvesting Plants

Rain water harvesting capacities of each pit - 40000 liters

Rain water harvesting Number of pits – 24

Research: University motivate the students to perform research on mitigation of water pollution and improved sanitation devices. Sharda University has signed the MoU with government of India to achieve the National Mission of Clean Ganga. Around 38+ research papers have been published in the area of clean water and sanitation.

Sr. No	Year	Title of paper	Name of the author/s	Name of Journal	ISSN number	Link of particular paper
1	2022- 2023	Photocatalytic Degradation of Crystal Violet Dye in Aqueous Solution using ZnFe2O4- Cellulose Nanocomposite Catalyst	Alka Singh, N B Singh, Richa Tomar	Asian Journal of Chemistry	0970-7077	https://asianpubs.o rg/index.php/ajche m/article/view/35_ 6_28
2	2022- 2023	Development, performance evaluation, and kinetic studies of microbial fuel cell based auto dripping bioelectrochemi cal reactor (AutoDriBER) for urine treatment	Smriti Mehrotra, Neeraj Kumar Singh, Anusha Vempaty, Abhilasha Singh Mathuriya	Environmental Technology (United Kingdom)	0959-3330	https://pubmed.nc bi.nlm.nih.gov/36 170025/
3	2022- 2023	Natural and sustainable filtration of polluted water of River Yamuna for municipal use	Soma Mishra, Pradeep Kumar & Indu Mehrotra	Sustainable Water Resources Management	2363-5037	https://link.springe r.com/article/10.1 007/s40899-023- 00846-x
4	2022- 2023	Studies on computational fluid dynamics and flow characteristics of auto-dripping bioelectrochemical reactor (AutoDriBER): A rational basis for e-urinal design	Raj Kumar Saini, Smriti Mehrotra, Ioannis A. Ieropoulos, Abhilasha Singh Mathuriya	International Journal of Energy Research	0363-907X	https://onlinelibrar y.wiley.com/doi/1 0.1002/er.8544
5	2022- 2023	Sustainable Development Through Smart Cities: Issues and Challenges	Kusha Kalra, Pradeep Kulshreshth a and Bhanu Tanwar	Indian Journal of Environmental Protection	0253-7141	https://www.e- ijep.co.in/42-9- 1108-1115/

6	2022-2023	Evaluation of the Datura peels derived biocharbased Anode for enhancing power output in microbial fuel cell application	Anusha Vempaty, Ankit Kumar, Soumya Pandit, Meenal Gupta, Abhilasha Singh Mathuriya, Dibyajit Lahiri d, Moupriya Nag, Yogesh Kumar, Sanket Joshi, Navin Kumar	Biocatalysis and Agricultural Biotechnology	1878-8181	https://www.scien cedirect.com/scien ce/article/pii/S187 8818122002870
7	2022- 2023	Recent developments in biohydrogen production from wastewater: A review	Chhotu Ram, Pushpa Rani & Amit Kumar	Biocatalysis and Biotransformati on	1024-2422	https://www.tandf online.com/doi/ab s/10.1080/102424 22.2023.2181046
8	2022-2023	Production and growth of microalgae in urine and wastewater: A review	Shahida Anusha Siddiqui, Yuan Seng Wu, Trideep Saikia, İlknur Ucak, Maliha Afreen, Mohd Asif Shah & Raphael D. Ayivi	Environmental Chemistry Letters	1610-3653	https://link.springe r.com/article/10.1 007/s10311-023- 01622- 1?utm_source=get ftr&utm_medium =getftr&utm_cam paign=getftr_pilot
9	2022-2023	Investigation on water defluoridation via batch and continuous mode using Ce—Al bimetallic oxide: Adsorption dynamics, electrochemical	Neksumi Musa, Bharat Kumar Allam, Nakshatra Bahadur Singh, Sushmita Banerjee	Environmental Pollution	0269-7491	https://www.scien cedirect.com/scien ce/article/abs/pii/S 026974912300641 3?via%3Dihub

		and LCA analysis				
10	2022- 2023	Strategic development and performance evaluation of functionalized tea waste ash-clay composite as low-cost, high-performance separator in microbial fuel cell	Anusha Vempatya & Abhilasha Singh Mathuriya	Environmental Technology	0959-3330	https://www.tandf online.com/doi/ful 1/10.1080/0959333 0.2022.2041103
11	2022- 2023	A review on waste valorization, biotechnological utilization, and management of potato	Anamika Chauhan, Fakhar Islam, Ali Imran, Ali Ikram, Tahir Zahoor, Sadaf Khurshid, Mohd Asif Shah	Food Science and Nutrition	2048-7177	https://onlinelibrar y.wiley.com/doi/1 0.1002/fsn3.3546
12	2022-2023	Impact of microalgal cell wall biology on downstream processing and nutrient removal for fuels and value-added products	Karuppaiya n Jothibasu, Iniyakumar Muniraj, Tharunkuma r Jayakumar, Bobita Ray, Subburamu Karthikeyan and Suchitra Rakesh	Biochemical Engineering Journal	1369-703X	https://www.scien cedirect.com/scien ce/article/abs/pii/S 1369703X220031 14#!
13	2022-2023	Biodegradation of Congo Red Using Co- Culture Anode Inoculum in a Microbial Fuel Cell	Kalpana Sharma, Soumya Pandit, Bhim Sen Thapa and Manu Pant	Catalysts	2073-4344	https://www.mdpi. com/2073- 4344/12/10/1219
14	2022- 2023	Recent Developments on Magnetically Separable Ferrite-Based Nanomaterials	Shreyas Pansambal, Arpita Roy, Hamza Elsayed Ahmed	Journal of Nanomaterials	1687-4110	https://www.hinda wi.com/journals/jn m/2022/8560069/

		for Removal of Environmental	Mohamed, Rajeshwari			
		Pollutants	Oza, Canh Minh Vu, Abdolrazag h Marzban, Ankush Chauhan, Suresh Ghotekar,			
			HC Murthy	~ .		
15	2022-2023	Application of Low-Cost Plant- Derived Carbon Dots as a Sustainable Anode Catalyst in Microbial Fuel Cells for Improved Wastewater Treatment and Power Output	Ankit Kumar , S. Shankara Narayanan , Bhim Sen Thapa , Soumya Pandit , Kumud Pant ,Anoop Kumar Mukhopadh yay and Shaik Gouse Peera	Catalysts	2073-4344	https://www.mdpi. com/2073- 4344/12/12/1580
16	2022- 2023	Analysis of pyridine-2-carbaldehyde thiosemicarbazo ne as an antibiofouling cathodic agent in microbial fuel cell	Soumya Pandit, Sonia Khanna & Abhilasha Singh Mathuriya	Applied Microbiology and Biotechnology	1432-0614	https://link.springe r.com/article/10.1 007/s00253-022- 12273-7
17	2022-2023	Microbial Electrochemical Treatment of Methyl Red Dye Degradation Using Co- Culture Method	Kalpana Sharma, Soumya Pandit, Abhilasha Singh Mathuriya, Piyush Kumar Gupta, Kumud Pant andDipak A. Jadhav 4,*	Water (Switzerland)	2073-4441	https://www.mdpi. com/2073- 4441/15/1/56

18	2022-	Water	Anindita De,	Current	1873-4316	https://www.eurek
	2023	Purification by	N.B. Singh,	Pharmaceutical		aselect.com/article
		Green	Mridula	Biotechnology		/123174
		Synthesized	Guin and			
		Nanomaterials	Sumit			
			Barthwal			
19	2022-	Current Trends	Jyoti Rawat,	Applied	0273-2289	https://link.springe
	2023	on the Efects of	Vikas	Biochemistry		r.com/article/10.1
		Metal Based	Kumar,	and		007/s12010-023-
		Nanoparticles on Microbial	Priyanca Ahlawat,	Biotechnology		04386-0
		Ecology	Lokesh			
		Ecology	Kumar			
			Tripathi,			
			Richa			
			Tomar,			
			Rohit			
			Kumar,			
			Sunny			
			Dholpuria,	À		
			Piyush			
			Kumar	N. Carlotte		
			Gupta			
20	2022-	Microbial Fuel	Anshika	Applied	0273-2289	https://link.springe
	2023	Cell-Based	Varshney,	Biochemistry		r.com/article/10.1
		Biosensors and	Lokendra	and		007/s12010-023-
		Applications	Sharma,	Biotechnology		04397-x
			Chetan pandit,	\ \		
			Piyush	\ A		
			Kumar	V		
			Gupta1,	À.		
			Abhilasha			
			Singh			
			Mathuriy <mark>a,</mark>			
			Soumya			<u>/</u>
			Pandit,			
			Dibyajit		7	
			Lahiri,			
			Moupriya			/ /
			Nag, Vijay			
			Jagdish Unadhya			
21	2022-	Advancements	Upadhye Shashank	Materials Today	2214-7853	https://www.scien
41	2022-	&Challenges of	Shashank Sharma,	Materials Today Proceedings	2214-7833	cedirect.com/scien
	2023	Nanotechnology	Priyanka	Troccounigs		ce/article/pii/S221
		in Waste Water	Dhingra,			4785322063118?v
		Treatment	Saurabh Jain			ia%3Dihub
	I	210001110111	Subtracti Juiii			14/00211140

22	2022- 2023	Evaluation of the algal-derived biochar as an	Ankit Kumar, Kalpana	Bioresource Technology Reports	2589-014X	https://www.scien cedirect.com/scien ce/article/abs/pii/S
		anode modifier in microbial fuel cells	Sharmaa, Soumya Pandit, Abhilasha Singh Mathuriya, Ram Prasad			2589014X230008 53?via%3Dihub
23	2022-2023	Photocatalytic Activity Induced by Metal Nanoparticles Synthesized by Sustainable Approaches: A Comprehensive Review	Prashanth Gopala Krishna , Prabhu Chandra Mishra , Mutthuraju Mahadev Naika , Manoj Gadewar , Prashanth Paduvarahal li Ananthaswa my , Srilatha Rao , Sivadhas Rosejanet Boselin Prabhu , Kalanakopp al Venkatesh Yatish , Holenarasip ura Gundurao Nagendra,	Frontiers in Chemistry	2296-2646	https://pubmed.nc bi.nlm.nih.gov/36 118313/
24	2022-2023	Synthesis of Bimetallic Nanoparticles and Applications— An Updated Review	Dahir Sagir Idris and Arpita Roy	Crystals	2073-4352	https://www.mdpi. com/2073- 4352/13/4/637
25	2022- 2023	Blue energy meets green energy in microbial reverse	Soumya Pandit, Chetan Pandit, Abhilasha	Sustainable energy technologies and Assessments	2213-1396	https://www.scien cedirect.com/scien ce/article/pii/S221 3138823002539?d gcid=author

		electrodialysis cells: Recent	Singh Mathuriya,			
		advancements	Dipak A.			
26	2022	and prospective	Jadhav	A1: - 4	0272 2200	1.44 //1:-1
26	2022-2023	An Overview of Bacteria- Mediated Heavy Metal Bioremediation Strategies	Rima Roy, Saikat Samanta, Soumya Pandit, Tahseena Naaz, Srijoni Banerjee, Janhvi Mishra Rawat, Kundan Kumar Chaubey &	Applied Biochemistry and Biotechnology	0273-2289	https://link.springe r.com/article/10.1 007/s12010-023- 04614-7
			Rudra P. Saha			
27	2022- 2023	Maximization of Energy Recovery from Starch Processing Wastewater byThermophilic Dark Fermentation Coupled with Microbial fuel Cell Technology	Mohit Kumar, Soumya Pandit, Vinay Patel, Namita Khanna, Moupriya Nag, Dibyajit Lahiri, Rina Rani Ray, Alok Prasad Das & Debabrata	Geomicrobiolog y	1521-0529	https://www.tandf online.com/eprint/ 57GB4YERRKJS FCDJJIGS/full?tar get=10.1080/0149 0451.2023.220955 5
28	2022-	Nanotechnology	Das Somya	ACS Applied	2574-0970	https://pubs.acs.or
	2023	-Based Solutions for Anti- Biofouling Applications: An Overview	Sinha, Rohit Kumar, Jigisha Anand, Rhythm Gupta, Akshima Gupta, Kumud Pant, Sushil Dohare, Preeti	Nano Materials		g/doi/10.1021/acsa nm.3c01539

29	2022- 2023	Nano structured silver particles as green catalyst for remediation of methylene blue dye from water	Tiwari, Saravanan Krishnan, Kavindra Kumar Kesari, Piyush Kumar Gupta* Anindita De, Preeti Jain	International Journal of materials research	2195-8556	https://www.degru yter.com/documen t/doi/10.1515/ijmr -2021-8644/html
30	2022- 2023	Performance Evaluation of Irrigation Canals Using Data Envelopment Analysis for Efficient and Sustainable Irrigation Management in Jharkhand State, India	Jay Nigam, Totakura Bangar Raju, R.K. Pavan Kumar Pannala	Energies	1996-1073	https://www.mdpi. com/1996- 1073/16/14/5490
31	2022-2023	Polyol Synthesis of Ag-Doped Copper Oxide Nanoparticles as a Methylene Blue-Degrading Agent	Yogeshwar Baste, Vikram Jadhav, Arpita Roy, Saad Alghamdi, Mohamed Abbas, Jari S. Algethami , Mazen Almehmadi, Mamdouh Allahyani, Devvret Verma, Krishna Kumar Yadav, Byong-Hun Jeon and	Catalysts	2073-4344	https://www.mdpi. com/2073- 4344/13/7/1143

			Hyun- Kyung Park			
32	2022- 2023	Evaluation of Various Physicochemical Properties and Their Seasonal Variation in Wulur Lake of Kashmir Himalayas	Seerat Sultan, Shruti Singh, Rajesh Kumar, Showkat A Malik, Jagvir Singh	Water, Air, & Soil Pollution	0049-6979	https://link.springe r.com/article/10.1 007/s11270-023- 06498-z
33	2022-2023	Effect of plant density and hydraulic retention time on phytoremediatio n of greywater using water hyacinth and validation of its optimized result using artificial neural network	Rajnikant Prasad, Dayanand Sharma, Ashutosh Kumar Pandey, Kunwar D. Yadav, Sunil Kumar, Hussameldi n Ibrahim	Canadian Journal of Chemical Engineering	1939-019X	https://onlinelibrar y.wiley.com/doi/f ull/10.1002/cjce.2 5027
34	2022- 2023	Neodymium- Doped Zinc Oxide Nanoparticles Catalytic Cathode for Enhanced Efficiency of Microbial Desalination Cells	Sunil Chauhan, Shweta Rai, Soumya Pandit, Arpita Roy, Amel Gacem, Gamal A. El-Hiti, Krishna Kumar Yadav, Balasubram	Catalysts	2073-4344	https://www.mdpi. com/2073- 4344/13/8/1164
			ani Ravindran, Ji-Kwang Cheon and Byong-Hun Jeon			
35	2022-2023	analysis based on saline water treatment using renewable energy system	N. P. G. Bhavani, Kailash Harne, Satendar Singh,	Water Reuse	2709-6106	https://iwaponline. com/jwrd/article/1 3/2/269/95099/Ec onomic-analysis- based-on-saline- water-treatment

		and microgrid architecture	Ostonokulo v Azamat			
			Abdukarimo vich, V. Balajie, Bharat Singh, K. Vengatesan and Sachi Nandan Mohanty			
36	2022- 2023	Advances in bioelectrochemi cal systems for bio-products recovery	Neeraj Kumar Singh, Abhilasha Singh Mathuriya, Smriti Mehrotraa, Soumya Pandita, Anoop Singh and Deepak Jadha	Environmental Technology	0959-3330	https://www.tandf online.com/doi/ful 1/10.1080/0959333 0.2023.2234676
37	2022- 2023	Contamination of heavy metals (Arsenic, Cadmium, Lead) in groundwater and their toxic effects	Shrisha Singhania , Achala Dwivedi , Prashant agrawal,Lali t chandrawan shi, Sudhir Kumar	International Journal of Medical Toxicology & Legal Medicine	0972-0448	https://www.india njournals.com/ijor .aspx?target=ijor:i jmtlm&volume=2 6&issue=3and4&a rticle=011

Awareness Programs

Sharda University actively engages with local communities to raise awareness about safe sanitation practices and sustainable water resource management. This community outreach is part of the University's broader commitment to environmental responsibility and public health, aligning with its mission to contribute to societal well-being. Through a series of educational initiatives and hands-on activities, faculty members, staff, and students collaborate with community members to improve understanding and adoption of safe hygiene and water practices.

The University organizes regular campaigns that focus on critical issues such as the importance of clean water, proper sanitation, and hygienic practices. These campaigns often involve workshops, demonstrations, and interactive sessions aimed at educating the community on the need to manage water resources effectively, especially in regions facing water scarcity or contamination. Faculty and students visit local schools, residential areas, and rural communities to provide valuable information on conserving water, preventing waterborne diseases, and maintaining proper sanitation facilities. They emphasize simple yet effective techniques such as rainwater harvesting, safe waste disposal, and proper sewage management.

A key component of these outreach efforts is the distribution of essential sanitation supplies, which includes face masks, liquid soaps, sanitary pads, and other hygiene products. This initiative ensures that community members, especially those from underprivileged backgrounds, have access to basic hygiene necessities, further encouraging the practice of good health and hygiene habits. The University believes that education coupled with tangible support, such as providing sanitation products, creates a lasting impact on community health.

Additionally, within the University's own operations, greener and safer practices are strictly followed, particularly in laboratories. Sharda University implements stringent protocols for handling hazardous materials and chemical waste, ensuring that lab activities are conducted in an environmentally responsible manner. The use of fume hoods, glove boxes, and proper waste segregation are all part of the institution's commitment to maintaining safe, eco-friendly laboratories. These practices not only ensure the safety of the campus community but also set a standard for sustainable practices that can be emulated in the broader community.

By bridging academic expertise with community outreach, Sharda University plays a significant role in promoting sustainable sanitation practices and water resource management, contributing to the well-being of both its immediate environment and society at large.



EVENT COMPLETION REPORT

Please prepare the report signed by the program Secretariat/Program coordinator within 10 days of event completion for record. Reports should be 2-4 pages.

SECTION A: Event Detail

Event title:		for Water Conservation ne- "Save water Save life"	
Starting date of event:	23 th February 2023	Duration of Event (in days)	1DAY
Name of the event organizing School	SHARDA SCHOOL OF N	IURSING SCIENCE AND RESEARCH, SH UNIVERSITY	IARDA
Name of the event organizing Department		CAL SURGICAL NURSING, SHARDA SCH E AND RESEARCH, SHARDA UNIVERSI	
Sponsor of the Event (Sharda University in case of internal sponsorship)		NA	
	Convener	Prof. R.SreeRajakumar, Associate 9646531203, <u>Rs.kumar@sharda.ac</u>	

Fig. 19: Awareness Drives

Lab safety awareness





Fig. 20 & 21: Student were guided about safe disposal of lab chemicals



Fig. 22: Students went to villages to make community aware about clean water and sanitation



Fig. 23: Tree plantation drive at Sharda University







7 AFFORDABLE AND CLEAN ENERGY



7.2 University Measures Towards Affordable and Clean Energy

Affordable and clean energy is one of the top priorities at Sharda University. Our commitment is reflected in our teaching and research on clean and alternative energy sources. On campus, the University has made significant progress towards environmental sustainability through clean energy projects, waste management practices, energy conservation initiatives, and collaborations with stakeholders to positively impact the broader community. By focusing on sustainable, affordable, and clean energy, we address the urgent need to combat climate change and manage the world's increasing energy demands. Energy research remains one of our core priorities, and through our educational and research efforts, with external stakeholders, we are advancing forward-thinking approaches to clean energy.

7.2.1 Energy-Efficient Renovation and Building

Have a policy in place for ensuring all renovations or new builds are following energy efficiency standards

Response: Newly constructed buildings are energy efficient and GRIHA Compliant

Sharda University has implemented standards and practices in the construction of its new buildings to ensure they are energy-efficient and sustainable, significantly reducing carbon footprint by supporting clean energy initiatives. The Indian Green Building Council (IGBC) developed the GRIHA (Green Rating for Integrated Habitat Assessment) system to evaluate the environmental performance of buildings across India. This system seeks to promote the design and construction of buildings using sustainable and energy-efficient methods. Sharda University's newly constructed building is GRIHA-certified, which indicates that it incorporates sustainable features and follows environmentally responsible practices. GRIHA emphasizes several key elements in its assessment. To minimize energy consumption, the building should incorporate energy-efficient technologies such as insulation, solar panels, and energy-saving lighting systems. Water usage can be reduced, and water resources can be managed more effectively by installing wastewater treatment plant, rainwater harvesting systems, and water-efficient fixtures. When planning and selecting the building's site, special attention should be given to accessibility to public transit, waste management systems, and green spaces, all of which help reduce pollution and create a healthier environment. The choice of building materials should consider the life cycle impact, prioritizing low-carbon, sustainable resources and minimizing waste production. Additionally, the building should ensure

excellent thermal comfort, natural lighting, and indoor air quality to provide a healthy and comfortable environment for occupants. GRIHA-certified university buildings incorporate these principles to create healthier spaces for staff and students, reduce their environmental impact, and



promote sustainable development.

Fig.1: Griha Certified Building

7.2.2 Upgrade Buildings to Higher Energy Efficiency

Have plans to upgrade existing buildings to higher energy efficiency

Response: The existing University building is highly energy efficient.

The university buildings are certified by IGBC1 and LEED2, and measures have been implemented to enhance energy efficiency. These include installation of solar panels, energy-efficient lighting in new constructions, lean occupancy sensors in restrooms, and the review, analysis, and renovation of laboratories for operational safety and environmental protection. Additionally, efforts are being made to compute carbon footprints and launch initiatives aimed at achieving carbon neutrality. To refine our energy consumption analysis and conservation strategy, we continuously assess our energy usage to identify areas for improvement. By adopting energy-efficient practices in campus operations, we optimize and use energy more wisely. We are committed to advancing clean and green energy initiatives. Strategic efforts have been initiated to transition to "clean power" and reduce dependence on "fossil fuels." Selected hostels now feature solar water heaters, and a 430 kWp solar power plant

has been installed to shift from relying solely on captive power to solar energy.

https://acrobat.adobe.com/id/urn:aaid:sc:AP:e84e3605-8c8c-4292-9109-c594ca473c56

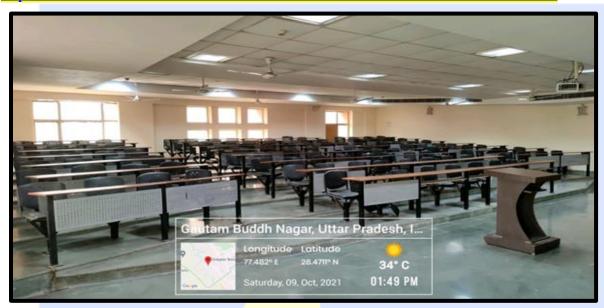


Fig.2: LED based light and fans in campus

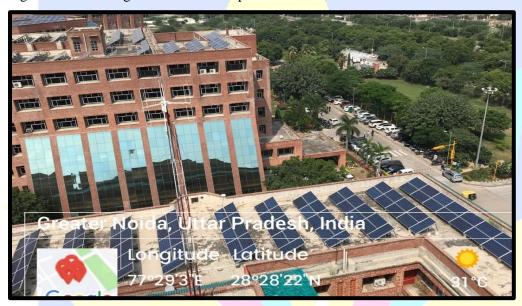


Fig.3: Solar system in university campus

University Location wise energy consumptions are given below:

SI No.	Location/ Identification	Ceiling Fan-70W	BLDC Fan 28W
1	MANDELA HOSTEL BOYS	623	
2	MANDELA HOSTEL GIRLS	511	1
3	JAWAHAR HOSTEL	135	1
4	VIVEKANAND HOSTEL	203	1
5	TAGORE HOSTEL	205	1
- 6	PG HOSTEL	302	
7	SAROJINI HOSTEL	240	, .
8	KASTURBA HOSTEL	250	REPLACED BLDC FAN APPRO
9	MOTHER TERESA .	99	(125)
10	INDIRA HOSTEL	460	0 19 70
11	BLOCK 1	340	=218
12	BLOCK 2	345	1
13	BLOCK 3	460	(%
14	BLOCK 4	190	
15	PGDM	523	
16	DENTAL COLLEGE	699	

	Summary of	Sensor Det	ails	
S.NO.	Location	LED light Load in Watt	сжhaust Fan Load in Watt	No. of sensor
1	SDS(Dental) Block-21	504	1680	39
2	Block 1	432	1440	24
3	Block 2	558	1020	31
4	Block 3	504	1200	24
5	Block 4	2520	1800	26
G	PGDM	10944	1680	27
7	SMSR	4464	2400	65
8	Student Activity Center			173
	Total Nos of Se	nsors		409
Tot	al Load in Watt	19926	11220	

- 3	Summary of sense	or in Sharda	Hospital	
Location	LED light Load in Watt	CFL light Load in Watt	exhaust Fan Load in Watt	No. of sensor
F-Block	760	600	6000	50
E-Block	1064	840	8600	29
Bank)	576	48	1200	21
D- Block	396	132	1000	10
A-Block	14256	2376	12000	10
B-Block	252	216	800	8
	Total Nos of Se	nsors		128
Total Load in Watt	17304	4212	29600	

_											PVC	GI
SI. No.	Louction	Led light 36 watt Rod	Wall fan	Led light	Tube light 36 watt	Exhaust fan 250 mm	GI Exhaust fan 300 mm	Ceiling fan	BLDC Ceiling fan	For ceiling light	C C C C C C C C C C C C C C C C C C C	Exhaust fan 150 mm
		7		G	round fle	oor						
1	Reception area G/F	12 Nos	3 Nos					2 Nos				
2	Corridoor G/F							1 Nos		28 Nos		
2	Washrcom G/F			6 Nos			4 Nos					
3	Admin office G/F		5 Nos	4 Nos	4 Nos	2 Nos		4 Nos	18 Nos	36 Nos		
4	Cal center G/F		10 Nos	2 Nos	1 Nos		1 Nos	2 Nos		12 Nos		
5	Room no 005 G/F		7 Nos								1 Nos	
6	Sharda tech G/F	22 Nos										
7	Rediology section G/F			17 Nos		3 Nos		2 Nos	8 Nos			
8	Oral medicion rediology			58 Nos		4 Nos		1 Nos	23 Nos		1 Nos	
9	Room no 009 G/F	4 Nos	10.75	9 Nos				11 Nos				
10	lecture hall 01 G/F			17 Nos			i	11 Nos	1 Nos			
					1st floo	r						
11	Room no 03		1 Nos	57 Nos	17 Nos	3 Nos		53 Nos	3 Nos			3 Nos
12	lecture hall 02	2 Nos		12 Nos				12 Nos				-
13	PCB lab			23 Nos		6 Nos		20 Nos				
14	Male/ female washroom			5 Nos			3 Nos	/				1 Nos
15	Data center		5 Nos			1 Nos		-		20 Nos		
16	Corridoor			14 Nos	16 Nos							
					2nd floo	or						
17	2nd floor			14 Nos				7 Nos	9			
18	faculty room		1 Nos	8 Nos	6 Nos	-		7 Nos				
19	Room 004			3 Nos	29 Nos	4 Nos		29 Nos	1 Nos	-		
20	Community contect cell			2 Nos		1 Nos		1 Nos				
21	Lecture hall 03	13 Nos		3 Nos				12 Nos	8			
22	washroom male/ female				4 Nos		4 Nos		-			
23	Room 05	34 Nos		ZZ Nos	17 Nos	7 Nos		45 Nos	6 Nos			

15 Corridor 24 Not 15 Not 3 Not 15 Not 25 Not 25 Not 15 N													
Section Sect	24	Faculty soom	1. Nes		6 Nos	6P935			3 Nes				_
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1.00	.6	Raom no 36	3 Nes		5 Nos		2 Nos				_		-
Pearly American Pearly Ame	:7	moct Ti						1 Nos		: Nos	_		
10	:8		4 Nos								_		-
12 Vasabracan Traile/Temale 1.Nos 5.Not 2.2 Nos 1. Ros 45.Not 1. Mos 1. Ros	29	Health dentistry								_			-
12 Periodication 17 Nos 25 Nos 1. Nos 45 Pos 1. Nos	30	Lecture halfing C5				S No:			12 Nos	_	_	_	-
13 Corridor 4 Nos 34 Nos 1 Nos 4 N	13	wash commale/female								_	_	_	-
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Fig.4: Detection and Prevention of Carbon emission in local area.

7.2.3 Carbon reduction and emission reduction process

Have a process for carbon management and reducing carbon dioxide emissions.

Response: Ecofriendly vehicles are promoting to carbon management.

To promote carbon reduction and decrease carbon-dioxide emissions, Sharda University has initiated several green campus projects. These initiatives focus on energy conservation, waste management, energy-efficient building construction, and the promotion of eco-friendly transportation options. Campaigns have also been launched to educate students and the broaders about the significance of clean energy. These programs aim to raise awareness, encourage behavioral changes, and foster adoption of clean energy practices across society.

Sharda University has taken initiative to develop innovative solutions for detecting and preventing carbon emissions, both on campus and in its vicinity. A biogas power plant has been installed to support undergraduate and postgraduate students in studying and utilizing renewable energy. Located behind Mandela Hostel, the 15-cubic-meter biogas plant processes approximately 100-300 kilograms of food waste daily, sourced from mess canteens, mixed with a cow dung water mixture as raw material. This material takes 3-4 days to produce biogas, which is then used to generate approximately 4 KVA of electric energy. This process effectively transforms food waste into a valuable energy resource. The link provides the MOU with Uttar Pradesh Govt. to promote carbon free environment:

https://acrobat.adobe.com/id/urn:aaid:sc:AP:b1f98ffd-fb2a-4c83-b32f-7b94fbdf1dba.



Fig.5. Certified by Green University ranking.



Fig.6: AQI room to monitor air quality



Fig.7: Promote Green Area and Plantation to Reduce Carbon dioxide



Fig.8: Eco-Friendly Green Practices in Sharda Campus



Fig.9: Plastics uses reduced for Green Practices in Sharda Campus



Fig. 10: Battery operated cart in Sharda Campus for carbon reduction



Fig.11: Eco-Friendly Transport Facility for Carbon Reduction

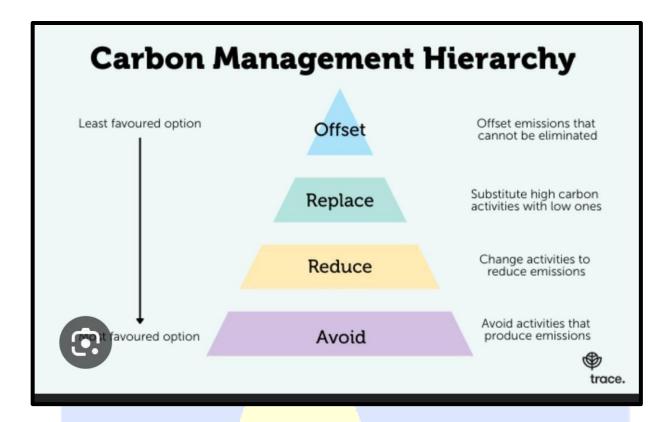


Fig.12: Carbon Management Programme organised by Sharda University (https://acrobat.adobe.com/id/urn:aaid:sc:AP:4bacfb1f-3842-42a0-8d36 b81b0a7f0172)

A biogas power plant is installed to facilitate undergraduate and post graduate students in the study and usage of renewable energy. The 15 cubic meter biogas plant is set up behind Mandela Hostel. Food waste of 100- 300 kgs approx per day drawn from Mess canteens and added with cow dung water mixture is used as raw material. The raw material content takes 3-4 days for biogas formation which is used to regenerate approx. 4KVA electric energy. Thus, food waste is converted into a resource and creating value in the form of electric power generation. The plant is utilizing the recent technology to generate the efficient energy.





Fig.13: Biogas Plant near Block 7 (Sharda University)



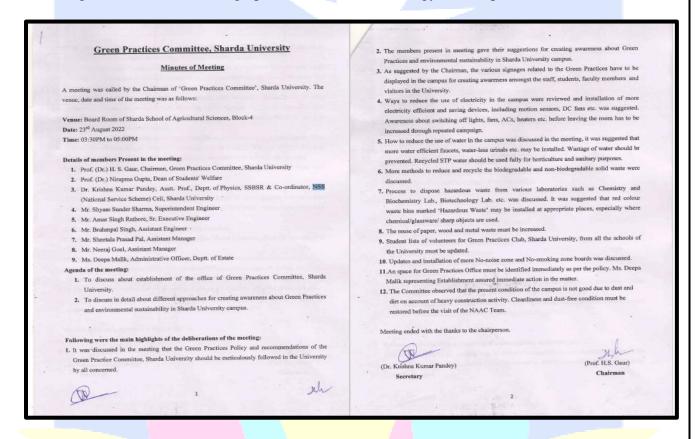
Fig.14: Solar street light in Sharda Campus

7.2.4 Plan to Reduce Energy Consumption

Have an energy efficiency plan in place to reduce overall energy consumption.

Response: University initiatives for renewable energy and conservation of ennergy

Sharda University is continuously advancing its green campus initiatives by actively involving all stakeholders, particularly students and staff. A variety of measures are being implemented to maintain a clean and eco-friendly campus. Sharda University have a Geen Practices Committee for regular monitoring with a view of ensuring optimum utilization of energy consumption.



Recently a green audit was conducted, leading to the initiation of several measures aimed at further greening the campus.

- Only authorized automobiles are allowed to enter and move in the campus with a pollution check and majority of the vehicles remain outside the campus boundary.
- Bicycles and battery operated vehicles are promoted in the campus among students and staff members.
- Separate user friendly pedestrian pathways have been created to enhance the on foot movements and reduce the use of vehicle.
- Plastic bags are completely banned in the campus and use of paper bags are recommended to all the vendors on the campus.
- Systematic landscaping has been carried out with grass and plants in all the big parks of the university to encourage the use of park by students and staff members.

- Solar systems for water heating and Solar energy for street lights have been introduced.
- PeopleSoft ERP system has been implementation for academics, finance, purchase and stores, and other activities, thereby minimizing paper waste.
- Environmental clearance from the Uttar Pradesh State Pollution Board is obtained before undertaking any project.
- Separate Sewage Treatment Plant to treat the sewage water generated in the campus for use of treated water in gardening.
- The garbage generated in Campus is segregated within the campus and sent to the designated areas through outsourced vendors as per the laid down norms.
- Wet garbage generated from campus dining halls is fed into a Bio Gas Plant to generate gas which in turn is used for mess canteen.
- Tree plantation drives are organized at regular intervals so as to increase the green belt and trees in the campus.
- Ecologically-friendly and energy efficient LED lights are being installed, replacing traditional lights so as to reduce carbon foot prints in the university campus.

Battery-Operated Transportation Service: This service has been established within the University campus to assist students and staff in moving between various building blocks. The most frequently used route for this service runs from Block 1 to Block 7 and the Central Library, meeting the transportation needs of students. Additionally, the university has introduced an e-scooter service for students and staff. These pollution-free electric scooters, equipped with rechargeable batteries, provide convenient shuttle rides between key public transport hubs and the University.



Pedestrian Friendly Pathways- University has constructed pedestrian friendly safe pathway to help students/staff to move from one block to another.

Landscaping with trees and plants – In the financial year 2022-23, a total of 905 tree saplings were planted as a part of Sharda University's tree plantation drive. The event was graced by Shri KK Gupta, ACEO of GNIDA, who apart from planting a tree commended the university's efforts in enhancing greenery and protecting the environment. Shri Promod Shrivastava, DFO, emphasized the importance of not just planting trees but also nurturing and protecting them afterward. The Vice-Chancellor, Prof. Sibaram Khara, planted a Kachnar sapling and spoke about the beautiful violet flowers it produces. Following this, various fruit trees, shade trees, and ornamental trees were planted, including Aonla (Indian gooseberry), Guava, and Jamun, which have medicinal and nutritional value. A list of the trees planted and photos from different locations on campus are enclosed for your review.

Crop Cafeteria - A Crop Cafeteria has been established by the School of Agricultural Science over 50,000 sqft on the campus.

Greenhouse and Green garden- A poly green-house has been established in which high value off-season vegetables like tomato, cherry tomato, bell-peppers, cucumbers and seedlings of various vegetables and flowers are grown organically without using any pesticides.

Paperless Office - The administration of university has largely been made paperless by using following:

- a) All Libraries are automated and connected with Libsys7software.
- b) Attendance is automated via an App based solution, V-Attendance.
- c) E-Learning system for student-faculty interaction is online via LMS.
- d) Departments of Finance, HR and Campus Solutions are interconnected via PeopleSoft ERPv9.2
- e) HR Services are automated using HRSS employee utility.
- f) Electronic payment of fee is enabled with multiple payment options like Pay- U, Paytm, and banks.
- g) Hostel allotment systems are digitized.
- h) Passport/Visa extension reminders are automated for international students.

CNG operated University transport - The use of Compressed Natural Gas (CNG) as a transport fuel is a mature technology. In our University, we are using this fuel in our all of the Buses and Cars. **Use of PNG in University mess** – Considering PNG as a pollution-free fuel, economical and safer in

our campus, we are using the Piped Natural Gas (PNG) in our Mess for cooking the food for students and staff.

Use of Solar energy – Sharda University has installed a rooftop solar PV plant with a peak capacity of 1 MW under the RESCO model. The power plant is spread across the rooftops of 11 buildings, including two buildings of Sharda Hospital, where a 204 kW rooftop plant is installed. This brings the total solar power plant capacity to 796 kW peak. Details on the building-wise plant capacities and solar PV generation are provided in the **annexure**.

The PV solar panels, along with the inverters, are installed on the rooftops of the buildings, while the point of connection is the 415V three-phase A.C. busbar located in the electrical mains panel on the ground floor or basement of each building. This setup minimizes power loss in the cables. The power generated is purchased from RESCO under a power purchase agreement (PPA).

On the basis of above initiatives Sharda University received A+ Gold ranking on sustainable institutions of India green ranking 2023.

SUSTAINABLE INSTITUTIONS OF INDIA

GREEN RANKINGS 2023

Certificate of Excellence

IN PURSUIT OF EXCELLENCE TOWARDS PRACTICING SUSTAINABLE EDUCATION, THIS CERTIFICATE IS AWARDED TO

SHARDA UNIVERSITY

Institutional Grade : A+

Institutional Band / Category: Diamond

R
World Institutional
RANKING - -

Executive President

30 March 2023

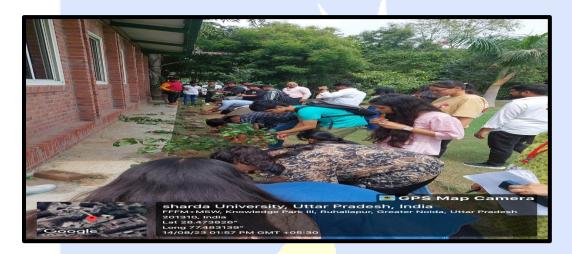
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Green Landscaping on the Campus







7.2.5 Energy wastage identification

Undergo energy reviews to identify areas where energy waste is highest.

Response: Identification of energy waste by regular Energy Audit

Sharda University regularly conducts energy audits through authorized agencies to identify areas of energy wastage. Based on the audit reports, the university organizes various energy-saving awareness programs and events for faculty, students, and the community. Additionally, the university implements new solutions to reduce energy waste. Sharda University's Energy Management System is ISO certified.

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	Electricity Consumption & solar Generation Details Month of Jan-2021 to till Month-2023																	
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2	Feb-21	720030	9421	11153	2356	9703	6734	9748	10225	2219	2089	9802	9819	8563	Solar Instalation			811862
3	Mar-21	550095	12968	14332	3003	12678	9144		13012	2900	2710	13690	13560	11277	date- 04.09.2021			672237
4	Apr-21	921840		15130		-			14533	3177	2950	16413	16210	12395	(1058334
5	May-21	851940	13564	12869		13046	9624		13169	2974	2683	15375	7092	11697	78x465W+221x	Solar	Solar	969641
6	Jun-21	970140	13528	13149	2699	12955	9596		13526	2957	2596	16060	16373	12274	460 W)	Installation Date:-	Installation Date:-	1097869
8	Jul-21 Aug-21	1392915 1395270	10792 11266	10441 10829		10561 10773	7301 7592	10335	11232	2368	2044	11502	11003 intenanc	10206	<i>'</i>	15.10.2022	08.05.2023	1492643 1475302
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9	Sep-21			9999	2124	9546	6553		10043					0.00	21483.2			
10	Oct-21	1349085 726195	11105 8216	12440 7638	2729 1964	11339 8208	7933 5232	12191 8657	11987 8482	2595 1824	2430 1765		intenanc intenanc		21483.2 12015.2			797306.2
11	Nov-21	726195	7328	8191	1802	7326	4508	7693	7620	1599	1574		intenanc		13205.6			767431.6
12	Dec-21	700395	/328	8191	1802	/326	4508	/693	7620		1574 tal	naer ma	intenanc	6190	13205.0			767431.6 12875568
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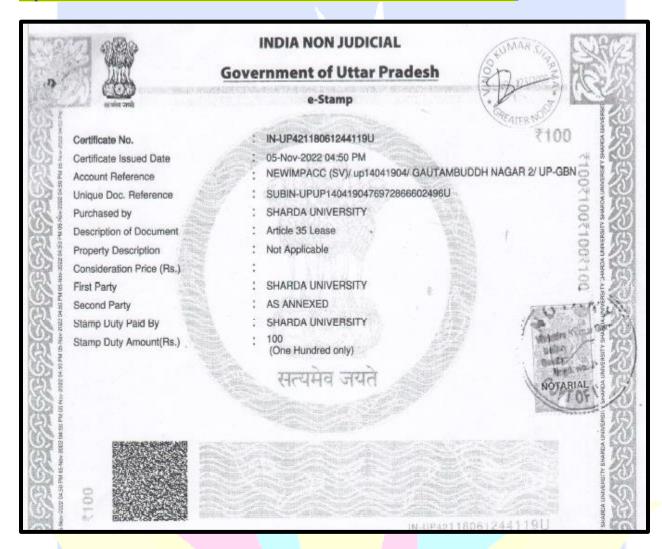
1	Jan-22	905533	6918	7242	1576	6725	4433	6992	7049	1532	1440	nder ma	intenanc	5714	10148			965302
2	Feb-22	831915	10392	11153	2421	9844	6697	10686	10080	2296	2172	nder ma	intenanc	8329	18144			924129
3	Mar-22	642765	13575	14531	3054	13022	9184	13655	13713	3000	2737	nder ma	intenanc	10941	17920			758097
4	Apr-22	1408650	13914	13803	2907	12482	9580	12046	13339	3038	2794	nder ma	intenanc	9721	22540			1524814
5	May-22	1811325	11788	12321	2618	12505	9353	10081	13207	2934	2648	nder ma	intenanc	10227	23879.2	Solar	Solar	1922886.2
6	Jun-22	1998150	12106	11811	2571	12143	9129	12266	13053	2867	2580	nder ma	intenanc	11963	23667.2	Installation Date:-	Installation	2112306.2
7	Jul-22	1786995	10441	8519	2203	10543	7175	10014	10949	2444	1117	nder ma	intenanc	10503	20074.4	15.10.2022	Date:-	1880977.4
8	Aug-22	1686285	11054	5833	2385	10844	7513	10486	11975	2597	2195	3549	3521	10896	21069.6		08.05.2023	1790202.6
9	Sep-22	1872015	9490	5141	2169	9647	6543	9932	9722	2207	1633	6735	6218	9194	18274.4			1968920.4
10	Oct-22	1339515	8346	4796	2187	8772	5961	9411	9198	2151	1054	8319	6234	8326	16794.4			1431064.4
11	Nov-22	905475	8299	6205	2039	7985	5384	8477	8564	1857	1572	4963	4569	6987	14717.6			987093.6
12	Dec-22	759510	7706	7877	2013	7543	4881	8097	8471	1712	1799	4211	3785	5848	13595.2	1186.5	1	838234.7
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Energy Audit Report 2021 and 2022 Link:

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https://acrobat.adobe.com/id/urn:aaid:sc:AP:8b66bd38-b19d-425e-afd8-5eefebac9717



7.3 Energy and the Community

Energy and community are key focus areas within Sharda University's academic curriculum, research, and innovation programs. These courses provide students with knowledge of energy systems and local communities, as well as various aspects of sustainability and energy management. Here are a few examples:

7.4.1 Local Community Outreach for Energy Efficiency

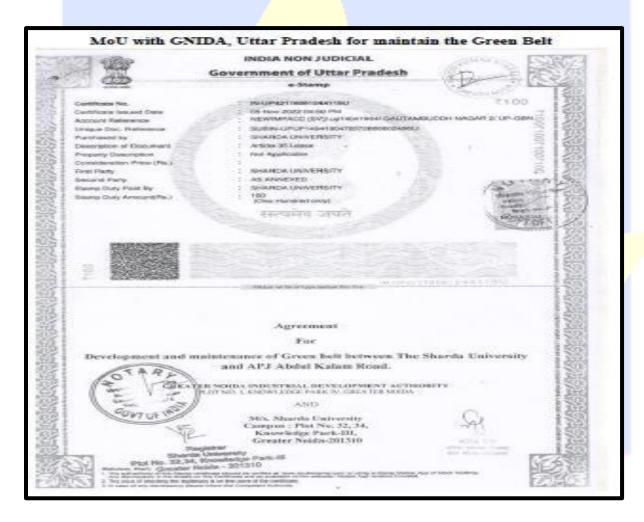
Provide programmes for local community to learn about importance of energy efficiency and clean energy

Response: Several Academic and Extra-curricular Activity Provided for Energy Efficiency University curricula and courses include topics such as renewable energy, energy efficiency, and

sustainable development. Students gain valuable insights into clean energy technologies, regulatory frameworks, and strategies for improving energy efficiency through these classes.

The University offers a range of courses on alternative and innovative energy sources. Sharda University provides a course titled 'Fundamentals of Renewable Energy', which emphasizes understanding the renewable economy and its role as an alternative energy source. Additional courses offered by the School of Basic Sciences and Research include Nonconventional Energy Resources, Energy Conversion Technologies, Energy Management, Green Chemistry, and Sustainability. Undergraduate students are required to take courses such as 'Energy for a Sustainable Future', The Use of 'Energy in Daily Life, and Green Energy Technologies', etc. Furthermore, a collaborative project with the local government enhances opportunities for outreach in energy efficiency.

https://acrobat.adobe.com/id/urn:aaid:sc:AP:00c40de0-8982-4162-a7ca-4c4aab666f07



MOU with Greater Noida Authority to make Green Belt

School-wise list of courses related to energy efficiency:

SUSAS	Agricultural Sciences	SBR0501	Bachelor of Science (Hons.) Agriculture		AGL406	Renewable Energy and Green Technology
SUBSR	Life Sciences	SBR0203	Bachelor of Science (Hons.) Physics	UG	РНВ337	Renewable energy
SUBSR	Life Sciences	SBR0203	Bachelor of Science (Hons.) Physics	UG	BPH104	Renewable energy resources
SUSET	Computer Science & Engineering	SET0101	Bachelor of Technology (Computer Science & Engineering)	UG	EVS103	Environmental Science-15227
SUSET	Computer Science & Engineering	SET0101	Bachelor of Technology (Computer Science & Engineering)	UG	CVL438	Sustainable Development Environmental Planning
SUSET	Computer Science & Engineering	SET0101	Bachelor of Technology (Computer Science & Engineering)	UG	MEC317	Alternate Fuels and Energy Systems
SUSET	Computer Science & Engineering	SET0101	Bachelor of Technology (Computer Science & Engineering)	UG	MEC345	Industry 4.0
SUSET	Biotechnology	SET0211	Bachelor of Technology (Food Process Technology)	UG	ONT407	Waste to Energy Conversion
SUSBS	Management	SBS0135	Master of Business Administration	PG	DSC084	Responsible & Sustainable Marketing
SUBSR	Chemistry & Biochemistry	SBR0701	Master of Science (Water Resources and Environmental Management/ Environmental Science)	PG	MSG001	Energy Economics and Policy (2201)
SUBSR	Physics	SBR0201	Master of Science (Physics)	PG	MPH115	Renewable Energy Sources

Events Organized by University to Provide awareness of energy:

Energy awareness program is component of the curriculum designed to enhance faculty and students' understanding of sustainability and energy conservation. The program may encompass various campaigns, events, and activities focused on promoting energy-saving techniques and fostering a culture of responsible energy use. The energy awareness initiative at Sharda University includes the following key components:

- Teaching and Training: Lectures, workshops, and training sessions on sustainable practises, renewable energy sources, and energy-saving methods. Request lectures from specialists on subjects pertaining to sustainability and energy efficiency were also organised.
- Audits: Energy Audits in several campus locations to find out the energy usage trends of structures, classrooms, labs, and other establishments so as to identify areas that could be made more energy-efficient.
- Energy Monitoring and Feedback: Set up energy monitoring devices to deliver up to date information on energy usage. To raise awareness among staff and students, post this information on screens located across the schools. Share regular feedback on their energy usage with the departments and concerned individuals so that they can monitor their progress and develop energy-saving behaviors.
- Awareness Campaigns: Arrange campaigns to raise public awareness of the value of sustainability and energy conservation. To encourage everyone to turn off lights, utilise natural light wherever feasible, disconnect electronics and cut back on trash, posters, banners, and pamphlets can be erected strategically throughout the campus.
- Green efforts: Implement green efforts on campus, like recycling programmes for waste, planting campaigns for trees, and encouragement of environmentally friendly modes of transportation (like carpooling or cycling). Promote using renewable energy sources and energy-efficient appliances.
- Challenges and Competitions: Organise energy-saving contests and challenges for students and staff. To motivate hostellers and residences in staff quarters and departments to cut back on their energy use, for instance, hold a competition and award the winners who use the least amount of energy.
- Partnerships: Conjoin forces with nearby energy providers, non-governmental organisations, or governmental bodies to enlist their assistance in executing energy- awareness campaigns and offering materials or rewards. By including outside parties in the project, one can increase its visibility, money, and experience.
- Possibilities for Research: Encourage academics to carry out studies on subjects pertaining to energy. This can result in breakthroughs or suggestions for policies that support the sustainability objectives of the university.

It may always be kept in mind that continual observation, evaluation, and development are necessary for an energy awareness programme to be effective. The impact of the programme may be measured and areas that need improvement with regular evaluations.

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Say NO to Plastic awareness Programme



Environment Day Celebration



Sadh guru visit in university

7.4.2 100% renewable energy pledge

Promote a public pledge toward 100% renewable energy beyond the university.

Response: University promote a public pledge towards renewable energy which is framed as under.

- At my university, I promise to encourage and support the usage of renewable energy sources. I recognise how critical it is to move away from sustainable energy sources;
- I will vigorously promote the installation of renewable energy projects, such wind turbines or solar panels, on campus in order to lessen our reliance on non-renewable resources and lessen our carbon imprint;
- I'm going to educate myself and other people on the advantages of renewable energy, such as lower greenhouse gas emissions, better air quality, and the creation of jobs in the clean energy industry;
- I'll work with academic staff, students, and administrators at the university to create and carry out renewable energy projects, like energy-saving plans and campus-wide renewable energy procurement;
- In order to assist the expansion and advancement of clean energy in the neighbourhood around the institution, I will endeavour to form alliances with regional suppliers of renewable energy;

- I'm going to push my classmates to incorporate sustainable habits into their daily lives, such cutting back on energy use, recycling, and taking the bus or bike instead of driving a car;
- To increase my understanding and help develop renewable energy technology, I'll get involved in university clubs, organisations, and research initiatives pertaining to renewable energy; and
- I'll utilise my position as a student to spread the word about renewable energy sources and their importance.

Pledge

I, pledge to part in the energy conservation campaign and energy reduction challenges of the organization & agree to make sincere effort to change behavior and reduce energy use in our home and the organization by adopting various energy saving measures also, I will encourage my friends, relatives and neighbors to do so. By doing so, I understand that I will not only save money but also conserve valuable natural resources and help the nation through carbon emission reduction.

Link of Pledge reports by different schools of Sharda University:

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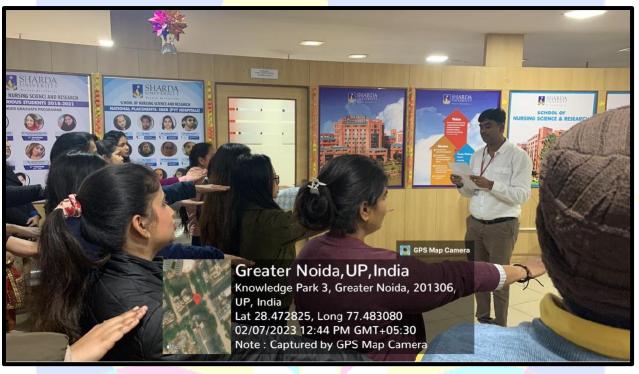
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7.4.3 Energy efficiency services for industry

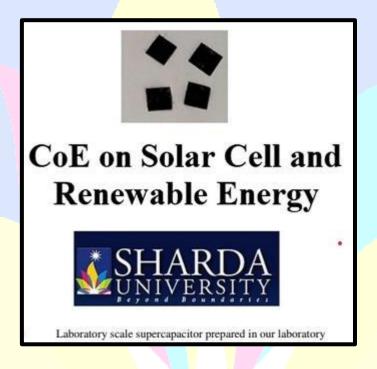
Provide direct services to local industry aimed at improving energy efficiency and clean energy (energy efficiency assessments, workshops, research renewable energy options)

Response: Energy efficiency research-based services available in laboratory scale.

Research and innovation in renewable energy sources are fairly widespread at Sharda University, which has established dedicated departments and centers to focus on areas such as solar, wind, and biomass energy. These centers conduct research, develop new technologies, and collaborate with industry to advance clean and sustainable energy solutions.

Many of our academicians and researchers are involved in pioneering work in green and alternative energy. Here are some highlights of these innovative faculty research initiatives:

i. Development of Super-capacitors using the porous carbon from a PVC polymer



A Ph. D. student from Department of Physics, developing the laboratory scale production of activated carbon synthesized from PVC with CoCl₂ and H₃PO₄, which is cheaper and has a good yield of source material. A prototype super-capacitor is also successfully developed using activated carbon as an electrode material derived from the PVC polymer and IL (1-ethyl-3- methylimidazolium thiocyanate) as the electrolyte. The performance of the

supercapacitor was estimated via electrochemical impedance spectroscopy, cyclic voltammetry, and the charge– discharge technique. The supercapacitor offered a high specific capacitance of ~ 120 F g⁻¹ at 5 m V s⁻¹. The performances of the supercapacitor were also estimated up to 15 days and up to 9000 cycles via cyclic voltammetry.

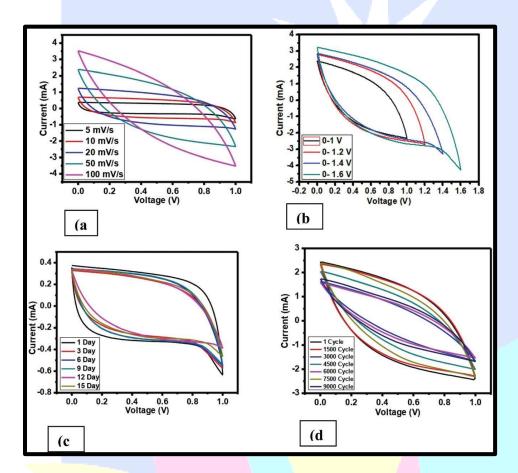


Figure 1 Cyclic voltammetry curve of the fabricated supercapacitors (a) with varying scan rate, (b) with varying voltage range, (c) on different days, (d) on 9000 cycles.

ii. Development of conducting ionic liquid doped polymer electrolyte for energy storage applications

Two Ph. D. students from the department of Physics working on the development of highly conducting ionic liquid doped polymer electrolyte for energy storage applications. The main aim of their work is to optimize highly conducting solid polymer electrolytes by doping of ionic liquid in a Poly-ethylene oxide (PEO) polymer complexed Sodium Iodide (NaI) matrix. Electrical, thermal, structural, and optical studies confirm the homogenous complexation of polymer electrolytes with ionic liquid. Furthermore, the electric double-layer capacitors (EDLCs) device and Dye Sensitized Solar Cell (DSSC) has been developed using high

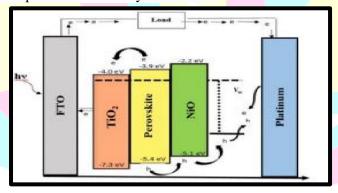
conducting ionic liquid (IL) polymer electrolyte with maximum conductivity, demonstrating that ionic liquids have a potential possibility to choose as an electrolyte in developed energy devices.

iii. Development of Perovskite Solar Cell for clean energy

 Ph. D. student from Department of Physics working on the synthesis of solar cell to find the affordable and clean energy source.



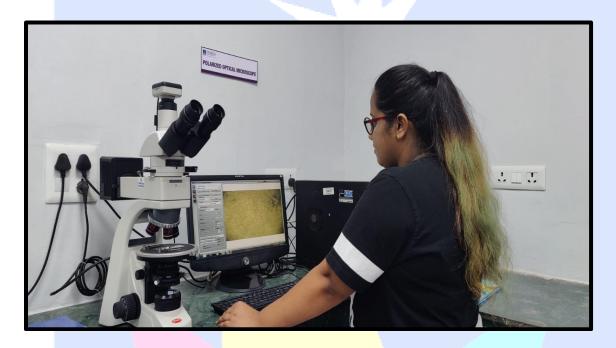
• <u>Dr. Monika Srivastava</u> from department of Physics is also working on perovskite solar cell. The Pervoksite, HTM, and polymer electrolyte and their application in a PSC at room ambient following the sandwich structure. A planar WE/TiO₂/CH₃NH₃PbI₃/HTM/electrolyte/CE structure fabricated through solution-processed spin-coating and the electrical properties of the PSC shown the high efficiency of 13.64%, with Voc=0.63V and J_{sc} =33mA/cm² with fill factor = 0.65. This work shows the sandwich-structured fabrication of the PSC in ambient condition with a considerably good efficiency which represents the novelty of the work.



Pervoksite Solar cell

iv. Biowaste material for development of Supercapacitor:

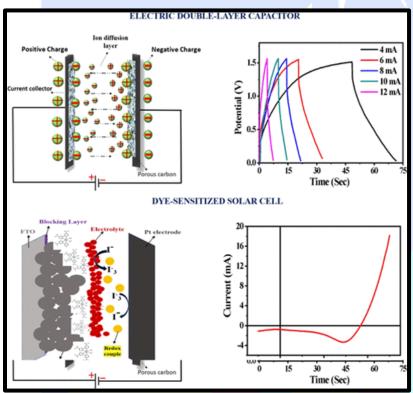
Numerous production and optimisation techniques are employed to create new materials for energy storage. The biowaste has undergone been consistently employed in the development of supercapacitors. Utilizing these bio- waste products facilitates the removal of garbage.



v. Developing Biopolymer-Based Electrolytes for Supercapacitor and Dye-Sensitized Solar Cell Applications

Prof. P.K. Singh and their research is work on solar cell and renewable energy under Centre of Excellence in Department of Physics to achieve goal of affordable clean energy source. The biopolymer employed in this study is cornflour, and the ionic liquid 1-ethyl 3-methylimidazolium thiocyanate is used to create an electrochemical double-layer capacitor (EDLC) and a dye-sensitized solar cell (DSSC). An ionic-liquid-doped biopolymer electrolyte (ILBPE) with a high conductivity is created by incorporating various weight ratios of the ionic liquid into the polymer host. Comprehensive characterizations are done for the electrical, structural, and photoelectrochemical components.





vi. Lithium-ion batteries are widely used in portable electronic devices

Dr. Shalu is a faculty in the Dept. of Physics, who has made significant contributions to the field of rechargeable batteries. Lithium-ion batteries are widely used in portable electronic devices due to their high energy density and long cycle life. Research in this field is focused on extending the lifetime, increasing energy density, improving safety, reducing cost, and increasing charging speed of these batteries.

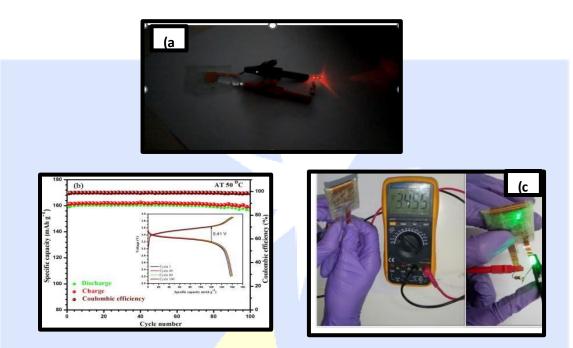


Figure. (a) Prototype of Li-ion rechargeable battery in working condition (b): charge-discharge profile of the Cell at 50 °C under the current rate 0.1 C (c) A prepared Cell-3 (laminated with transparent plastic) working in bend condition along with its potential.

7.4.4 Policy Development for Clean Energy Technology

Inform and support governments in clean energy and energy-efficient technology policy development Local

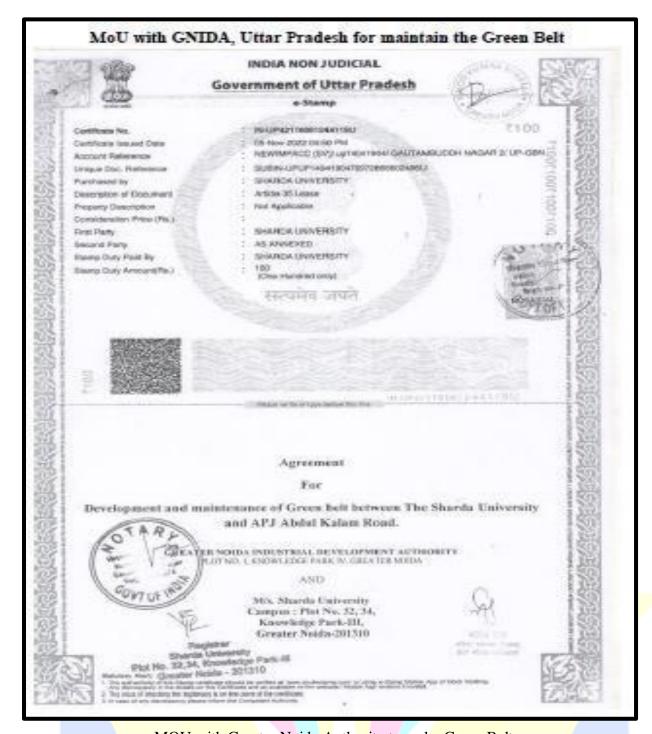
Regional

National

Global

Response: University has initiated collaboration for policy development for clean energy technology on local, regional, National and Global level. However, it may be added that to make the transition to a low-carbon, sustainable future, renewable energy policy creation at the local, national, and international levels is crucial. At every level, the following crucial actions can be taken:

Local level: At the local level, set goals for renewable energy. Aim for the use of renewable energy sources like hydro, geothermal, wind, and solar power. Encouraging energy efficiency Promote the use of energy-efficient equipment and procedures in companies, buildings, and transportation.



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Regional level: Encourage the installation of renewable energy systems and energy-efficient technology arranging awareness programme on financial incentives such as grants, tax breaks, and low-interest loans. Build clean energy projects and initiatives in partnership with neighbourhood organisations, companies, and communities. Plans for energy use should be created with the community's input and a focus on the deployment of clean energy.

अमृता सोनी आई.ए.एस. निदेशक



उ.प्र. नवीन एवं नवीकरणीय ऊर्जा विकास अभिकरण (अपिरिवा कर्जा क्रोत विभाग, उत्तर प्रदेश शासन) विभूति खण्ड, गोमती नगर, सखनक – 226 010 दुरमाय: 91–0522–2720652 केंब्स: 91–0522–2720779

सेवा में, रजिस्टार, शारदा यूनिवर्सिटी, ग्रैटर नोएडा।

महोदय,
आप द्वारा विशेष रुचि लेते हुए वेबसाइट www.upsavesenergy.com पर "एनर्जी सेविंग कैम्पेन" के अन्तर्गत अपने प्रतिष्ठान का पंजीकरण कराया गया एवं अपने प्रतिष्ठान के कार्निकों को ऊर्जा संरक्षण के प्रति जागरुक करते हुए अपने प्रतिष्ठान में ऊर्जा संरक्षण से संबंधित विभिन्न गतिविधियाँ संचालित की गई। प्रदेश में ऊर्जा संरक्षण हेतु अभिकरण के प्रयासों को सफल बनाने में आपके प्रतिष्ठान का सहयोग अत्यंत प्रशंसनीय है।

मुझे यह सूचित करते हुए अत्यंत हर्ष हो रहा है कि उक्त कैम्पेन के अन्तर्गत वर्ष 2018 हेतु निर्धारित स्कोर कार्ड पर आपके प्रतिष्ठान द्वारा अर्जित किए गए अंकों के आधार पर प्रदेश में प्रथम स्थान प्राप्त हुआ है।

उक्त हेतु अनिकरण द्वारा निकट मविष्य में आपके प्रतिष्ठान को पुरस्कृत करते हुए सम्मानित किया जाएगा जिसके लिए पृथक से सूचित किया जाएगा। मुझे पूर्ण विश्वास है कि मविष्य में भी आपके प्रतिष्ठान द्वारा उत्तर प्रदेश सरकार के ऊर्जा संरक्षण अभियान में निरन्तर सहयोग किया जाता रहेगा।

में आपकी और आपके प्रतिष्ठान की निरन्तर प्रगति की कामना करती हूँ।

मवदीया

(अमृता सोनी)

Uttar Pradesh State Designated Agency under EC ACT-2001

Certificate of 1st rank in Utter Pradesh Energy Saving Campion

National level: Mandatory renewable portfolio standards should be established, requiring that a specified percentage of energy come from clean sources by a set deadline. Investing in research and development can accelerate the commercialization of renewable energy solutions by driving innovation. Implementing supportive regulations is essential to enhance energy security, increase energy access, and facilitate the integration of renewable energy into the grid. Developing a comprehensive national energy plan that outlines strategies for transitioning to sustainable energy sources and promoting energy independence is also crucial.

Global level: Promote international collaboration and information exchange to enhance the understanding and implementation of clean energy policies. Engage in and organize international conferences to support the global transition to clean energy sources and advocate for legislation that fosters this shift on the international stage.

List of National and International Conferences During 2022-23:

Name of the conference	National/Intern ational	Year of publicat ion	Month of	the proceed ing		Affiliati ng Institut e at the time of publicat ion	Name of the
2022 International Conference on Computing, Communicatio n, and Intelligent Systems (ICCCIS)	International	2022	Novemb er		YES	Sharda Universi ty	IEEE
2022 Fifth International Conference on Computationa I Intelligence and Communicatio n Technologies (CCICT)		2022	October	978-1- 6654- 7224-1	YES	Sharda Universi ty	IEEE

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2022 IEEE IAS Global Conference on Emerging Technologies (GlobConET)	International	2022	Septemb er	978- 1665443 57-9	YES	Sharda Universi ty	IEEE
2022 IEEE IAS Global Conference on Emerging Technologies (GlobConET)	International	2022	Septemb er	978-1- 6654- 4357-9	YES	Sharda Universi ty	IEEE
International conference or Advanced Computing and Intelligent Technologies, ICACIT 2022		2022		978- 981-19- 2980-9	YES	Sharda Universi ty	Springer, Singapore
Advanced Computing and Intelligent Technologies	International	2022	August	978- 981-19- 2980-9	YES	Sharda Universi ty	Springer, Singapore
ICACIT 2022	International	2022	August	978- 981-19- 2980-9	YES	Sharda Universi ty	Springer
ICAAAIML- 2021	International	2022	Septemb er	978- 981-19- 4831-2	YES	Sharda Universi ty	Springer
(ICCSEA-2022)	International	2022	Novemb er	978-1- 6654- 5834-4	YES	Sharda Universi ty	IEEE Xplore
Second International Conference on Computer Science, Engineering and Applications (ICCSEA-2022)	International	2022	Novemb er	978-1- 6654- 5834-4	YES	Sharda Universi ty	IEEE

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Conference on							
Computing in Engineering &				978-1-		Sharda	IET Digital
Technology	International	2022	February	83953- 704-2	YES	Universi ty	Library
(ICCET 2022)				704-2			
2022 IEEE			N 1	978-1-		Sharda	
Learning with	International	2022	Novemb er	6654-	YES	Universi ty	IEEE
MOOCS (LWMOOCS)				2486-8			
International Conference on							
Innovative			/ '	978-		Sharda	
Computing and	International	2022	Septemb er	978- 981-19-	YES	universit y	Springer
Communicatio ns				2535-1		Ĭ	
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2022 Fifth		7					
International		7	1				
Conference on		ľ					
Computationa							66
Intelligence and Communication				978-1-		Sharda	/
Technologies	International	2022	October	6654- 7224-1	YES	Universi ty	IEEE Xplore
(CCICT)				7224-1			
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IEEE							
International	in a						
Conference on				978-1-		Sharda	
Computing, Communicatio	International	2023	February		YES	Universi ty	IEEE /
and	incinational	2023	1 Cordary	6200-6	11.5	Cin voisi ty	ILLL
Intelligent				0200-0			
Systems	,						
				<mark>9</mark> 78-		Sharda	
ICACIT 2022	International	2022	Augu <mark>s</mark> t	<mark>9</mark> 81-19-	YES	Universi ty	Springer
				2 980-9			
ICAAAIML				978-	· ma	Sharda	
2021	International	2022		981-19- 4831-2	YES	Universi ty	Springer
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IAS Global							
Conference on							
Emerging			C	978-1-		Sharda	
	International	2022	Septemb er	6654-	YES	Universi ty	IEEE
Technologies					125		
(GlobConET)-				4357-9			
2022							
2022							
International							
Conference on							
Computing,				070.1		Sharda	
Communicatio n,		2022	.	978-1-	T. T. C.		TERE
and	International	2022	February	6654-	YES	Universi ty	IEEE
Intelligent				6200-6			
Systems							
(ICCCIS)							
2022							
International			4				
Conference on							
Computationa 1			/				
Intelligence and		,		978-1-		Sharda	
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Sustainable	International	2022	August	6654-	YES	Universi ty	IEEE
Engineering		/		8005-5			
Solutions		7		0005-5			
(CISES)		1					
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International							
Conference	A Company of the Comp			978-			
"Circular						Sharda	Editura
Economy:	International	2022	Novemb er	606-	YES	Universi ty	Universitară
Opportunities and				533-	120		Danubius
Challenges"		N.		587-5	-1		Danaoras
Chancinges				307 3			
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2nd national				978-81-		Sharda	Noble
seminar on	AT 1	2022	Decemb er		T. T. C.		1 1 1 1
Applied	National	2022		961118-	YES	Universi ty	Science
	Maria			8-5			Press
research							
2nd national							
seminar on			Decemb er	978- 81-		Sharda	Noble
Applied	National	2022	Decemb er	961118-	YES	Universi ty	Science
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research							
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2nd national			ъ.	<mark>97</mark> 8-81-		Sharda	Noble
seminar on	National National	2022	D <mark>ecem</mark> b e <mark>r</mark>		YES	Universi ty	Science
Applied	radollal	2022			1123	Om versi ty	
research				8-5			Press
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2nd National						CI 1	N. 12
Seminar on			Decemb er	978-81-		Sharda	Noble
	National	2022		961118-	YES	Universi ty	Science
Applied				8-5			Press
Applied				0-2			
Applied Research							
Research							
Research 2nd National			Da1	978-81-		Sharda	Noble
Research 2nd National Seminar on		2022	Decemb er	978-81-	YES		
Research 2nd National Seminar on Applied		2022	Decemb er	961118-	YES	Sharda Universi ty	Science
Research 2nd National Seminar on		2022	Decemb er		YES		
Research 2nd National Seminar on Applied		2022	Decemb er	961118-	YES		Science

2nd National Seminar on Applied Research		2022	Decemb er	978-81- 961118- 8-5	YES	Sharda Universi ty	Noble Science Press
2nd National Seminar on Applied Research		2022		978-81- 961118- 8-5	YES	Sharda Universi ty	Noble Science Press
2nd National Seminar on Applied Research		2022	Decemb er	978-81- 961118- 8-5	YES	Sharda Universi ty	Noble Science Press
2nd National Seminar on Applied Research		2022	Decemb er	978-81- 961118- 8-5	YES	Sharda Universi ty	Noble Science Press (Internation al Publishing)
2nd National Seminar on Applied Research		2022	Decemb er	978-81- 961118- 8-5	YES	Sharda Universi ty	Noble Science Press
2nd National Seminar on Applied Research		2022	Decemb er	978-81- 961118- 8-5	YES	Sharda Universi ty	Noble Science Press
International Conference on Computing, Communicatio n, and Intelligent Systems (ICCCIS)	International	2023	February	978-1- 6654- 6200-6	YES	Sharda Universi ty	IEEE
International Conference on Quality Evidence in CSI		2022	Novemb er	9392787 54-5	YES	Sharda Universi ty	Selective & Scientific Books
International Conference Quality Evidence in CSI		2022	Novemb er	9392787 54-5	YES	Sharda Universi ty	Selective & Scientific Books
International Conference on Quality Evidence in CSI	International	2022	Novemb er	9392787 54-5	YES	Sharda Universi ty	Selective & Scientific Books

International			I				1
Conference on		2022	Novemb er	9392787 54-5	YES	Sharda Universi ty	Selective & Scientific Books
CSI							Books
Evidence in CSI		2022	Novemb er	9392787 54-5	YES	Sharda Universi ty	Selective & Scientific Books
International Conference on Quality Evidence in CSI		2022	Novemb er	9392787 54-5	YES	Sharda Universi ty	Selective & Scientific Books
International Conference on Smart and Sustainable Technologies in Energy and Power Sectors (SSTEPS)	International	2023	May	978-1- 6654- 6414-7	YES	Sharda Universi ty	IEEE
10th International Conference on Computing for Sustainable Global Development (INDIACom)		2023	May	978-93- 80544- 47-2	YES	Sharda Universi ty, Greater Noida	IEEE
10th International Conference on Computing for Sustainable Global Development (INDIACom)		2023	May	978-93- 80544- 47-2	YES	Sharda Universi ty, Greater Noida	IEEE
2022 12th International Conference on Cloud Computing, Data Science & Engineering (Confluence)	International	2022	March	978-1- 6654- 3701-1	YES	Sharda Universi ty	IEEE

2021 9th International Conference on Reliability, Infocom Technologies and Optimization (Trends and Future Directions) (ICRITO)	International	2021	Novemb er	978-1- 6654- 1703-7	YES	Sharda Universi ty	IEEE Xplore
International Conference on Emerging Smart Computing and Informatics (ESCI)		2022	April	978-1- 6654- 0073-2	YES	Sharda Universi ty	IEEE
2021 IEEE 6th International Conference on Computing, Communicatio n and Automation (ICCCA)	International	2022	January	978-1- 6654- 1473-9	YES	Sharda Universi ty	IEEE
IEEE 6th International Conference on Computing, Communicatio n and Automation	International	2021	Decemb er	978-1- 6654- 1473-9	YES	Sharda Universi ty	IEEE Explore
International Palandoken Scientific Studies Congress	Internatio <mark>nal</mark>	2022	February	978- 625- 8377- 44-6	YES	Sharda Universi ty	International Science and Art Research Center

International Conference on							
Research, Innovations and Practices in Science, Technology and Management for Societal Benefits [RIPSTMS- 2022]	International	2022	15.	978-93- 91535- 30-8	YES	Sharda Universi ty	A. R. Research Publication
World Women Conference-IV	National	2022	March	978- 625- 7464- 80-2	YES	Sharda Universi ty	IKSAD Publications
10th International conference on system modelling and advancements in research trends		2022	January	978-1- 6654- 3968-8	YES	Sharda Universi ty	IEEE
ICEEE 2022: Innovations in Electrical and Electronic Engineering		2022		978- 981-19- 1676-2	YES	Sharda Universi ty	Springer
Intelligent Computing Techniques for Smart Energy Systems	International	2022	-	978- 981-19- 0251-2	YES	Sharda Universi ty	Springer
2021 6th IEEE International Conference on Recent Advances and Innovations in Engineering (ICRAIE)	Total	2022	Decemb er	978-1- 6654- 3402-7	YES	Sharda Universi ty	IEEE
International Conference on Artificial Intelligence: Advances and Applications	International	2022		978- 981-16- 6332-1	YES	Sharda Universi ty	Springer

17th Annual Conference of UPUEA	National	2022	April	0975- 2382	YES	Sharda Universi ty	UPUEA Economic Journal
International Conference on Computationa Performance Evaluation (ComPE) North-Eastern Hill University, Shillong, Meghalaya, India. Dec 1-3,		2022	April	978-1- 6654- 3657-1	YES	Sharda Universi ty	IEEE
Hill University, Shillong, Meghalaya, India		2022	April	978-1- 6654- 3656-4	YES	Sharda Universi ty	IEEE
8th International Conference on Signal Processing and Integrated Networks (SPIN)		2021	October	978-1- 6654- 3563-5	YES	Sharda Universi ty	IEEE
7th International Conference on Computing in Engineering & Technology (ICCET 2022)		2022	June	978-1- 83953- 704-2	YES	Sharda Universi ty	IET
2022 IEEE Delhi Section Conference (DELCON)	International	2022	April	978-1- 6654- 5883-2	YES	Sharda Universi ty	IEEE
Sharda University	National	2022	-	978-1- 6684- 3504-5	YES	Sharda Universi ty	IGI Global

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International e- Conference on New Horizons							
And Multidisciplin ary Applications In Science And Technology In Association withInternatio nal Journal of Scientific Research in Science and Technology	International	2022		2395- 602X	YES	Sharda Universi ty	International Journal of Scientific Research in Science and Technology
							All India Forum
Post Modern Society	International	2022	February	978- 100-53- 445-66	YES	Sharda Universi ty	for English Students
International Conference onTECHNOLO GY INNOVATIONS IN MECHANICAL ENGINEERING	International	2022	-	978-93- 92787- 18-8	YES	Sharda Universi ty	Selective & Scientific Books
International Conference onTECHNOLO GY INNOVATIONS IN MECHANICAL ENGINEERING	International	2022		978-93- 92787- 18-8	YES	Sharda Universi ty	Selective & Scientific Books
International Conference onTECHNOLO GY INNOVATIONS IN MECHANICAL ENGINEERING	International	2022	Febr <mark>ua</mark> ry	978-93- 92787- 18-8	YES	Sharda Universi ty	Selective & Scientific Books

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International Conference onTECHNOLO				978-93-		Sharda	Selective &
GY INNOVATIONS IN MECHANICAL ENGINEERING	International	2022	February	978-93- 92787- 18-8	YES	Universi ty	
International Conference onTECHNOLO GY INNOVATIONS IN MECHANICAL ENGINEERING	International	2022	February	978-93- 92787- 18-8	YES	Sharda Universi ty	Selective & Scientific Books
International Conference onTECHNOLO GY INNOVATIONS IN MECHANICAL ENGINEERING	International	2022	February	978-93- 92787- 18-8	YES	Sharda Universi ty	Selective & Scientific Books
International Conference onTECHNOLO GY INNOVATIONS IN MECHANICAL ENGINEERING	International	2022	February	978-93- 92787- 18-8	YES	Sharda Universi ty	Selective & Scientific Books
International Conference onTECHNOLO GY INNOVATIONS IN MECHANICAL ENGINEERING	International	2022	February	978-93- 92787- 18-8	YES	Sharda Universi ty	Selective & Scientific Books
International Conference onTECHNOLO GY INNOVATIONS IN MECHANICAL ENGINEERING	International	2022	Febr <mark>ua</mark> ry	978-93- 92787- 18-8	YES	Sharda Universi ty	Selective & Scientific Books

IN MECHANICAL ENGINEERING	International	2022	978-93- 92787- 18-8	YES	Sharda Universi ty	Selective & Scientific Books
IN MECHANICAL ENGINEERING	International	2022	978-93- 92787- 18-8	YES	Sharda Universi ty	Selective & Scientific Books
International Conference onTECHNOLO GY INNOVATIONS IN MECHANICAL ENGINEERING	International	2022	978-93- 92787- 18-8	YES	Sharda Universi ty	Selective & Scientific Books
International Conference onTECHNOLO GY INNOVATIONS IN MECHANICAL ENGINEERING	International	2022	978-93- 92787- 18-8	YES	Sharda Universi ty	Selective & Scientific Books
IN MECHANICAL ENGINEERING	International	2022	978-93- 92787- 18-8	YES	Sharda Universi ty	Selective & Scientific Books
International Conference onTECHNOLO GY INNOVATIONS IN MECHANICAL ENGINEERING	International	2022	978-93- 92787- 18-8	YES	Sharda Universi ty	Selective & Scientific Books

International Conference onTECHNOLO GY INNOVATIONS IN MECHANICAL ENGINEERING	International	2022	February	978-93- 92787- 18-8	YES	Sharda Universi ty	Selective & Scientific Books
International Conference onTECHNOLO GY INNOVATIONS IN MECHANICAL ENGINEERING	International	2022	February	978-93- 92787- 18-8	YES	Sharda Universi ty	Selective & Scientific Books
5th AMIFOST- 2022	International	2022	March	978-93- 91535- 31-5	YES	Sharda Universi ty	Amity University Noida
5th AMIFOST- 2022	International	2022	March	978-93- 91535- 31-5	YES	Sharda Universi ty	Amity University Noida
5th AMIFOST- 2022	International	2022	March	978-93- 91535- 31-5	YES	Sharda Universi ty	Amity University Noida
2022 9th International Conference of Computing for Sustainable Global Development (INDIACom)	n International	2022	May	978-93- 80544- 44-1	YES	Sharda Universi ty	IEEE

International Conference on						
Micro- Electronics and Telecommunic ation Engineering (ICMETE- 2022)	International	2022		978- 981-16- 8721-1	YES	Sharda Universi tySpringer
International Conference on Micro- Electronics and Telecommunic ation Engineering (ICMETE- 2022)		2022	February	978- 981-16- 8721-1	YES	Sharda Universi tySpringer
9th International Conference on Innovations in Electronics and Communicatio n Engineering (ICIECE-2022)		2022	March	978- 981-16- 8512-5	YES	Sharda Universi tySpringer
9th International Conference on Innovations in Electronics and Communicatio n Engineering (ICIECE-2022)		2022	March	978- 981-16- 8512-5	YES	Sharda Universi tySpringer
International Conference on Advances in Mechanical and Industrial Engineering (ICAMIE 2020)		2022	July	9.78E+1 2	YES	Sharda Universi ty CRC Press

International Conference on Food Sustainability: Challenges and Opportunities for the Future		2022	March	978-93- 91535- 31-5	YES	Sharda Universi ty	Amity University Noida
International Conference on Disruptive Technologies for Multi- Disciplinary Research and Applications (CENTCON- 2021)	International	2022	February	978-1- 6654- 0017-6	YES	Sharda Universi ty	IEEE
2nd International Conference on Innovative Practices in Technology and Management (ICIPTM-2022)		2022	April	978-1- 6654- 6643-1	YES	Sharda Universi ty	IEEE
8th International Conference on Advanced Computing and Communicatio n Systems (ICACCS-2022)	International	2022	June	978-1- 6654- 0816-5	YES	Sharda Universi ty	IEEE
8 th International Conference on Advanced Computing and Communicatio n Systems (ICACCS-2022)		2022	June	978-1- 6654- 0816-5	YES	Sharda Universi ty	IEEE

8 th International							
Conference on							
Advanced							
Computing and				978-1-		Sharda	
Communicatio n	International	2022	June		YES	Universi ty	IEEE
Systems			1	0816-5			
(ICACCS-2022)				0010 3	1		
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International							
Conference on							
Technological				070.1		G1 1	
Advancement s	т., 1	2022		978-1-	N/EC	Sharda	IEEE
and Innovations	International	2022	January	6654- 2087-7	YES	Universi ty	IEEE
(ICTAI-2021)				2087-7			
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International							
Conference on		1					
Technological				978-1-		Sharda	
Advancement s and Innovations	International	2022	January		YES	Universi ty	IEEE
and innovations	international	2022	Januar y	2087-7	TES	CIII (CISI ty	IDDL
(ICTAI-2021)			1				
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8th International							_
Conference on							
Advanced				1			
Computing and				978-1-		Sharda	
Communicatio n	International	2022	June		YES	Universi ty	IEEE
Systems	international	2022	June	0816-5	TES	CIII (CISI ty	IDDL
(ICACCS-2022)							
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				978-93-		School Of	
Amifost 2022	International	2022		91535-	YES	Allied	Amity
				31-5		Health	University
				31 3	1	Sciences	
T						CI I	
International					/	Sharda	
Conference on Sustainable						Universi ty, Knowled	
Development				978-81-		ge Park	Eagle leap
Goals and	International	2022	-	955422-		-	Printers adn Publisher
Gender				1-5		III,	Publisher Pvt. Ltd.
Perspectives	<u>\</u>					Greater	i vi. Liu.
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Emerging Technologies for Computing, Communicatio n and Smart	International	2022	April	, 01 1,	YES	Sharda Universi ty	Springer
Cities				0284-0			
Innovations in Electronics and Communicatio n Engineering	International	2022	March	978- 981-16- 8511-8	YES	Sharda Universi ty	Springer
AMIFOST 2022	International	2022	March	978-93- 91535- 31-5	YES	Sharda Universi ty	Amity University
AMIFOST 2022	International	2022	March	978-93- 91535- 31-5	YES	Sharda Universi ty	Amity University
AMIFOST 2022	International	2022	March	978-93- 91535- 31-5	YES	Sharda Universi ty	Amity University
AMIFOST 2022	International	2022	March	978-93- 91535- 31-5	YES	Sharda Universi ty	Amity University
AMIFOST 2022	International	2022	March	978-93- 91535- 31-5	YES	Sharda Universi ty	Amity University
AMIFOST 2022	International	2022	March	978-93- 91535- 31-5	YES	Sharda Universi ty	Amity University
AMIFOST 2022	International	2022	March	978-93- 91535- 31-5	YES	Sharda Universi ty	Amity University
AMIFOST 2022	International	2022	March	978-93- 91535- 31-5	YES	Sharda Universi ty	Amity University
AMIFOST 2022	International	2022	March	978-93- 91535- 31-5	YES	Sharda Universi ty	Amity University
AMIFOST 2022	International	2022	March	978-93- 91535- 31-5	YES	Sharda Universi ty	Amity University

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2021							
International				070 1		Chanda	
Conference on				978-1-	a	Sharda	
	International	2022	April		YES	Universi ty	IEEE Xplore
Performance				3656-4			
Evaluation							
2022 8th							
International							
Conference on							
Advanced				978-1-		Sharda	
	T 1	2022			N/TEG		TEEE X 1
Communicatio n	International	2022	June		YES	Universi ty	IEEE Xplore
				0816-5			
Systems							
(ICACCS)							
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International							
Conference on				978-1-		Sharda	
Computationa 1	International	2022	April		YES	Universi ty	IEEE Xplore
Performance	mtemational	2022	April	000.	163	Omversi ty	IEEE Apiore
Evaluation		/		3656-4			
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2021 International							1
International				050.1		al l	7
International Conference on Computationa				978-1-		Sharda	1
International Conference on Computationa 1	International	2022	April	6654-	YES	Sharda Universi ty	IEEE
International Conference on Computationa l Performance	International	2022	April		YES		IEEE
International Conference on Computationa 1 Performance Evaluation	International	2022	April	6654-	YES		IEEE
International Conference on Computationa l Performance	International	2022	April	6654-	YES		IEEE
International Conference on Computationa 1 Performance Evaluation	International	2022	April	6654-	YES		IEEE
International Conference on Computationa 1 Performance Evaluation (ComPE)	International	2022	April	6654-	YES		IEEE
International Conference on Computationa 1 Performance Evaluation (ComPE)	International	2022	April	6654-	YES		IEEE
International Conference on Computationa 1 Performance Evaluation (ComPE) 2022 8th International		2022	April	6654-	YES		IEEE
International Conference on Computationa 1 Performance Evaluation (ComPE) 2022 8th International Conference on		2022	April	6654- 3656-4	YES	Universi ty	IEEE
International Conference on Computationa 1 Performance Evaluation (ComPE) 2022 8th International Conference on Advanced		2022	April	6654- 3656-4 978-1-	YES	Universi ty Sharda	
International Conference on Computationa 1 Performance Evaluation (ComPE) 2022 8th International Conference on Advanced Computing and	International			6654- 3656-4	YES	Universi ty	
International Conference on Computationa 1 Performance Evaluation (ComPE) 2022 8th International Conference on Advanced	International	2022	April June	978-1- 6654-		Universi ty Sharda	
International Conference on Computationa 1 Performance Evaluation (ComPE) 2022 8th International Conference on Advanced Computing and Communicatio in	International			6654- 3656-4		Universi ty Sharda	
International Conference on Computationa 1 Performance Evaluation (ComPE) 2022 8th International Conference on Advanced Computing and Communicatio n Systems	International			978-1- 6654-		Universi ty Sharda	
International Conference on Computationa 1 Performance Evaluation (ComPE) 2022 8th International Conference on Advanced Computing and Communicatio in	International			978-1- 6654-		Universi ty Sharda	
International Conference on Computationa 1 Performance Evaluation (ComPE) 2022 8th International Conference on Advanced Computing and Communicatio n Systems	International			978-1- 6654-		Universi ty Sharda	
International Conference on Computationa 1 Performance Evaluation (ComPE) 2022 8th International Conference on Advanced Computing and Communicatio n Systems (ICACCS)	International			978-1- 6654-		Universi ty Sharda	
International Conference on Computationa 1 Performance Evaluation (ComPE) 2022 8th International Conference on Advanced Computing and Communicatio n Systems	International			978-1- 6654-		Universi ty Sharda	
International Conference on Computationa 1 Performance Evaluation (ComPE) 2022 8th International Conference on Advanced Computing and Communicatio n Systems (ICACCS)	International			978-1- 6654-		Universi ty Sharda	
International Conference on Computationa 1 Performance Evaluation (ComPE) 2022 8th International Conference on Advanced Computing and Communication Systems (ICACCS)	International			978-1- 6654- 0816-5		Sharda Universi ty	
International Conference on Computationa 1 Performance Evaluation (ComPE) 2022 8th International Conference on Advanced Computing and Communicatio n Systems (ICACCS) 2021 2nd International Conference on	International	2022	June	978-1- 6654- 0816-5	YES	Sharda Universi ty	IEEE
International Conference on Computationa 1 Performance Evaluation (ComPE) 2022 8th International Conference on Advanced Computing and Communicatio n Systems (ICACCS) 2021 2nd International Conference on Smart	International			978-1- 6654- 0816-5		Sharda Universi ty	IEEE
International Conference on Computationa 1 Performance Evaluation (ComPE) 2022 8th International Conference on Advanced Computing and Communicatio in Systems (ICACCS) 2021 2nd International Conference on Smart Electronics and	International	2022	June	978-1- 6654- 0816-5	YES	Sharda Universi ty	IEEE
International Conference on Computationa 1 Performance Evaluation (ComPE) 2022 8th International Conference on Advanced Computing and Communicatio in Systems (ICACCS) 2021 2nd International Conference on Smart Electronics and Communicatio	International	2022	June	978-1- 6654- 0816-5	YES	Sharda Universi ty	IEEE
International Conference on Computationa 1 Performance Evaluation (ComPE) 2022 8th International Conference on Advanced Computing and Communicatio in Systems (ICACCS) 2021 2nd International Conference on Smart Electronics and	International	2022	June	978-1- 6654- 0816-5	YES	Sharda Universi ty	IEEE
International Conference on Computationa 1 Performance Evaluation (ComPE) 2022 8th International Conference on Advanced Computing and Communicatio in Systems (ICACCS) 2021 2nd International Conference on Smart Electronics and Communicatio	International	2022	June	978-1- 6654- 0816-5	YES	Sharda Universi ty	IEEE

Fifth International Conference on							
Aerospace Technology (ICECA 2021)	International	2022	January	978-1- 6654- 3524-6	YES	Sharda Universi ty	IEEE
International Conference on Information age: Culture, identity & communicatio n	,	2021	Decemb er	978-93- 85696- 87-9	YES	Sharda Universi ty	Yash Publications
Inclusive Education for Sustainable Development: From Idea to Action	National	2022	April	978-93- 5636- 518-6	YES	Sharda Universi ty	Army Institute of Education, Greater Noida
SMART 2021	International	2022	January	978-1- 6654- 3970-1	YES	Sharda Universi ty	IEEE
9th International Conference on Computing for Sustainable Global Development (INDIACom)		2022	May	978-93- 80544- 44-1	YES	Sharda Universi ty	IEEE
9th International Conference on Computing for Sustainable Global Development (INDIACom)		2022	May	978-93- 80544- 44-1	YES	Sharda Universi ty	IEEE

2021 10th International Conference on							
System Modeling & Advancement in Research Trends (SMART)	International	2022	January	978-1- 6654- 3970-1	YES	Sharda Universi ty	IEEE Xplore
DOSCI 2021	International	2021	Septemb er	978- 981-16- 3346-1	YES	Sharda Universi ty	Springer, Singapore
2021 International Conference on Computationa I Performance Evaluation (ComPE)	International	2022	April	978-1- 6654- 3656-4	YES	Sharda Universi ty	IEEE
2022 9th International Conference on Computing for Sustainable Global Development (INDIACom)		2022	May	978-93- 80544- 44-1	YES	Sharda Universi ty	IEEE Xplore
2022 9th International Conference on Computing for Sustainable Global Development (INDIACom)		2022	May	978-93- 80544- 44-1	YES	Sharda Universi ty	IEEE
2022 9th International Conference on Computing for Sustainable Global Development (INDIACom)		2022	May	978-93- 80544- 44-1	YES	Sharda Universi ty	IEEE

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Computing	International	2022	June	978- 981-16- 9488-2	YES	Sharda Universi ty	Springer
Communicatio n and Sustainable Technologies (ICAECT)	International	2022	July	978-1- 6654- 1120-2	YES	Sharda Universi ty	IEEE Xplore
Proceedings of the Sixth International Conference on Trends in Electronics and Informatics (ICOEI 2022)		2022	May	978-1- 6654- 8328-5	YES	Sharda Universi ty	IEEE Xplore
INDIACom- 2022	International	2022	May	978-93- 80544- 36-6	YES	Sharda Universi ty	IEEE Xplore
12th International Conference on Cloud Computing, Data Science & Engineering (Confluence)- 2022	International	2022	March	978-1- 6654- 3701-1	YES	Sharda Universi ty	IEEE

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Communication and Automation (ICCCA)-2021	International	2022	January	6654- 1473-9	YES	Universi ty	IEEE
Media, Science, Technology, Education and Legal Issues	International	2022	May	978-8- 19- 527515- 1	YES	Sharda Universi ty	JIMS, Greater Noida
3rd International Conference on ICT for Digital, Smart and Sustainable Development (ICIDSSD- 2022)		2022	March	978-93- 5607- 215-2	YES	Sharda Universi ty	Jamia Hamdard
(ICIDSSD- 2022)		2022	March	978-93- 5607- 215-2	YES	Sharda Universi ty	
2022 8th International Conference on Advanced Computing and Communicatio n Systems (ICACCS)	International	2022	June	978-1- 6654- 0817-2	YES	Sharda Universi ty	IEEE

2nd International Conference on Recent Advances in							
Material Science and Nanotechnolo gy In Association with International Journal of Scientific Research in Science and Technology	International	2022		2395- 602X	YES	Sharda Universi ty	IJSRST
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Virtual Conference on Innovation in Multidisciplin ary Studies- IVCIMS 2021		2021	August	2319- 4979	YES	Sharda Universi ty	Vidyabharati International Interdisciplin ary Research Journa
2022 8th International Conference or Advanced Computing and Communicatio or Systems (ICACCS)	International	2022	March	978-1- 6654- 0816-5	YES	Sharda Universi ty	IEEE
2nd International Conference on "Advancemen of in Electronics & Communication Engineering (AECE 2022)		2022	July	1556- 5068	YES	Sharda Universi ty	Raj Kumar Goel Institute of Technology, Ghaziabad
8th International Conference or Advanced Computing and Communicatio r Systems (ICACCS) 2022		2022	June	978-1- 6654- 0816-5	YES	Sharda Universi ty	IEEE

Research		2022	Decemb er	978-81- 961118- 8-5	YES	Sharda Universi ty	Noble Science Press (Internation al Publishing)
Third International Conference on Computing, Communicatio ns and Cyber- Security IC4S 2021	International	2022		978- 981-19- 1141-5	YES	Sharda Universi ty	Springer, Singapore
2022 9th International Conference on Computing for Sustainable Global Development (INDIACom)	International	2022	3.6	978-93- 80544- 44-1	YES	Sharda Universi ty	IEEE
1st International Conference on Problems and Perspectives of Modern Science, ICPPMS 2021		2022		978- 0735443 45-7	YES	Sharda Universi ty	American Institute of Physics
International Conference on Science and Applied Science, ICSAS 2021		2022		978- 0735441 85-9	YES	Sharda Universi ty	American Institute of Physics
1st International Conference on Artificial Intelligence, Computationa I Electronics and Communicatio n System, AICECS 2021	International	2022	<mark>J</mark> anu <mark>ar</mark> y	1742658 8	YES	Sharda Universi ty	IOP Publishing Ltd

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9th International Conference on Computing for Sustainable Global Development (INDIACom) -		2022		978-93- 80544- 44-1	YES	Sharda Universi ty	IEEE
7th International Conference on Computing in Engineering and Technology, ICCET 2022		2022		978- 981-19- 2719-5	YES	Sharda Universi ty	Springer, Singapore
6th International Conference on Trends in Electronics and Informatics (ICOEI) - 2022	International	2022	May	978-1- 6654- 8328-5	YES	Sharda Universi ty	IEEE
8th International Conference on Advanced Computing and Communicatio n Systems (ICACCS) - 2022		2022	June	978-1- 6654- 0816-5	YES	Sharda Universi ty	IEEE

1st International Conference on Technologies for							
Smart Green Connected Society 2021, ICTSGS 2021	International	2022	January	978- 1607685 39-5	YES	Sharda Universi ty	Institute of Physics (IOP)
1st International Conference on Technologies for Smart Green Connected Society 2021, ICTSGS 2021		2022	January	978- 1607685 39-5	YES	Sharda Universi ty	Institute of Physics (IOP)
10th International Conference on Emerging Trends in Engineering and Technology - Signal and Information		2022	June	978-1- 6654- 6741-4	YES	Sharda Universi ty	IEEE
2nd International Conference on Emerging Technologies for Computing, Communicatio ns, and Smart Cities, ETCCS 2021	International	2022	April	978- 981-19- 0284-0	YES	Sharda Universi ty	Springer, Singapore
International Conference on Emergent Converging Technologies and Biomedical Systems, ETBS 2021	International	2022	March	978- 981-16- 8774-7	YES	Sharda Universi ty	Springer, Singapore

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5th International Conference on Microelectron ics							
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9th International Conference or Innovations in Electronics and Communicatio r Engineering, ICIECE 2021		2022		978- 981-16- 8512-5	YES	Sharda Universi ty	Springer, Singapore
5th International Conference on Microelectron ics and Telecommunic ation Engineering, ICMETE 2021		2022		978- 981-16- 8721-1	YES	Sharda Universi ty	Springer, Singapore
1st International Conference on Computationa Electronics for Wireless Communications, ICCWC 2021	International	2022		978- 981-16- 6246-1	YES	Sharda Universi ty	Springer, Singapore
1st International Conference on Computationa Electronics for Wireless Communications, ICCWC 2021		2022	January	978- 981-16- 6246-1	YES	Sharda Universi ty	Springer, Singapore

9th International Conference on Computing for Sustainable Global Development (INDIACom) -		2022	May	978-93- 80544- 44-1	YES	Sharda Universi ty	IEEE
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9th International Conference on Computing for Sustainable Global Development (INDIACom) - 2022		2022	May	978-93- 80544- 44-1	YES	Sharda Universi ty	IEEE
12th International Conference on Cloud Computing, Data Science & Engineering (Confluence) - 2022	International	2022		978-1- 6654- 3701-1	YES	Sharda Universi ty	IEEE

7.4.5 Assistance to low-carbon innovation

Provide assistance for start-ups that foster and support a low-carbon economy or technology Response: Provide assistance for patents and industrial commercialization

The university provides support, facilities, and funding for start-ups that advance low-carbon technology for the future. Innovative ideas, research, and technologies are first patented, and once patented, these innovations are then applied to industrial applications for start-ups.









9 INDUSTRY, INNOVATION AND INFRASTRUCTURE





Business Incubator

Entrepreneurship plays a vital role in ensuring a strong resource for economic development of the country. In line with the flagship initiatives of the Government of India such as Startup India, Atal Innovation Mission and Aatmanirbhar Bharat, Sharda University established an incubation facility.

Sharda Launchpad Federation (SLP). This facility is registered under section 8 of Companies Act.

2013, Govt. of India and serves as a Special Purpose Vehicle (SPV) to promote innovation and incubation within the University and for the external community. The incubator is recognised by various governmental bodies, such as, Department of Science and Technology, Startup India, Government of Uttar Pradesh under UP Startup Policy 2020 and Ministry of MSME, and also a member of SIDBI Delhi NCR Incubator Network Program. The incubator has partnered with entrepreneurship ecosystem enablers such as MSME Chamber of Commerce, EzyLegal, Paytm, YES Bank, IIT Roorkee Alumni Association, PUM, Netherland, AWS Activate, Fundenable and various other startup ecosystem stakeholders at national and international level.

Sharda Launchpad provides a platform for new, small and medium – scale enterprises for the development and management of the enterprise. For enterprise to scale up, Sharda Launchpad offers mentoring by the in-house-faculty and industry experts.

To inspire young innovators, various hackathons and competitions are organized providing platforms for participants to develop skills, solve real-world problems, and gain mentorship from industry experts. By fostering creativity and collaboration, these competitions play a crucial role in nurturing future advancements and contributions to society.

Sharda Launchpad has supported more than 100 innovators through pre-incubation mentoring and 80+ startups have been supported through incubation and other support services.

Mentoring



The university, through its incubator, operates a comprehensive mentoring program that connects aspiring entrepreneurs and startup founders with industry aces. These mentors, often comprising faculty members, successful alumni, and industry experts, provide invaluable guidance on various aspects of entrepreneurship. Various group masterclasses are conducted on multiple aspects, such as, business planning, market research, financial modeling, and networking strategies. The mentorship program has received commendation for its effectiveness in helping start-ups navigate challenges and make informed decisions.

Workshops and Training Programs



Sharda University hosts regular training programs and workshops designed to address specific challenges faced by start-ups. The training sessions are conducted by accomplished professionals and are structured to be practical and hands-on, equipping entrepreneurs with the skills and knowledge necessary for success. These workshops provide a platform for entrepreneurs to interact, learn from industry experts, and collaborate on innovative solutions. Topics covered include funding opportunities, intellectual property protection, strategizing effective go-to-market strategies and effective business communication. More than 80 such programs have been conducted in past two years and more than 1000 students and startups have been benefitted.

Sharda University has introduced a credit course named Introduction to Entrepreneurship (course code IED001) in which undergraduate students study about various aspects of entrepreneurship and identify problem statements from industry and society and develop business model on the probable solutions.

Financial Assistance



Sharda University offers seed funding or grants to help students and faculty turn their innovative ideas into prototypes. This funding can be used for product development, market research, and other essential activities. To facilitate and motivate student and faculty entrepreneurs, up to 80% cost of company registration is reimbursed through the incubator Sharda Launchpad Federation. The University also offers in-kind support by providing preincubation to aspiring student entrepreneurs at no cost. The monthly charges for co-work space are also waived off for the undergraduate student entrepreneurs. Various innovators and entrepreneurs have been mentored and facilitated for the grants under different State and Centre Government scheme such as Startup India Seed Funding Scheme, iTBI under DST various incentive schemes under UP Startup Policy and prototype grant under MSME Idea Hackathon.

Innovations and Startups on Low Carbo Initiatives

The University and its incubator have supported various innovators and startups working in the domain of low carbon technology and carbon sequestration during the year 2022.



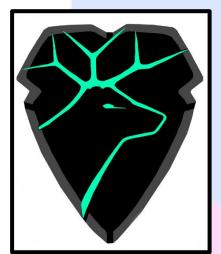
Navstream Innovations LLP: A startup founded by a student of Sharda University and incubated at Sharda Launchpad is developing an energy management system aimed at enhancing battery efficiency across various chemistries, including sodium-ion, lithium-ion, solar power, and wind energy. Additionally, the startup is working on a system to validate carbon credits. This initiative aligns with several UN Sustainable Development Goals (SDGs), including SDG 7 (Affordable and Clean Energy), SDG 9 (Industry, Innovation, and Infrastructure), and SDG 13 (Climate Action). By improving battery efficiency and validating carbon credits, the project supports the transition to renewable energy and promotes sustainable practices. The startup has received a grant of Rs. 12 lakhs under the Startup India Seed Funding

Scheme and Rs. 15 lakhs under the Ministry of MSME Idea Hackathon through Sharda University as the Host Institute, fostering innovation and entrepreneurship.

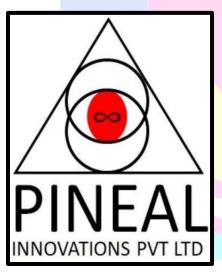


SVRC Techno Innovations Pvt Ltd: An agri-drone startup, SVRC Techno Innovations Private Limited, is developing integrated solutions using AI and cloud platforms to optimize energy use and reduce greenhouse gas emissions, aligning with the UN Sustainable Development Goals (SDGs). This initiative supports SDG 13 (Climate Action) by mitigating climate impacts and SDG 12 (Responsible Consumption and Production) through efficient resource management. AI-powered sensors and automated systems help farmers reduce water usage and enhance crop yields sustainably, contributing to SDG 2 (Zero Hunger). Supported by the Sustainable Development Solution Network, a global initiative for the United Nations, the startup has received INR 30 lakhs under the Startup India Seed Funding Scheme and

benefits from infrastructure support facilities. This project fosters innovation in agriculture, promoting sustainable practices and environmental stewardship.



Verdant Motors Private Ltd: A team of young entrepreneurs incubated at Sharda Launchpad, supported with office space, lab facilities, and technology mentoring, have developed the prototype and MVP of their electric two-wheelers. This initiative aligns with the UN Sustainable Development Goals (SDGs), particularly SDG 9 (Industry, Innovation, and Infrastructure) and SDG 7 (Affordable and Clean Energy). By indigenously designing and developing all major parts of their vehicle, the startup promotes innovation and sustainable industrialization. Additionally, reaching the revenue generation stage demonstrates economic growth and job creation, supporting SDG 8 (Decent Work and Economic Growth). This project not only advances clean and sustainable transportation solutions but also fosters a culture of entrepreneurship and technological innovation.



Pineal Innovations Private Limited: The startup has developed affordable, plastic-free sanitary pads targeting the rural population, aligning with several UN Sustainable Development Goals (SDGs). This innovation utilizes sugarcane waste to produce low-cost sanitary pads, supporting SDG 12 (Responsible Consumption and Production) by promoting recycling and waste reduction. By removing absorbent gels and using natural materials like fuller's earth, psyllium husk, and various gums, the project ensures the pads are biodegradable and environmentally friendly, contributing to SDG 15 (Life on Land). Additionally, providing accessible sanitary products addresses SDG 3 (Good Health and Well-being) by improving menstrual hygiene management in rural areas. This initiative not only fosters sustainable practices but also

empowers women by enhancing their health and well-being through access to quality, eco-friendly sanitary pads.



Calvem Energy Pvt Ltd: The objective of the project is to develop a rare earth magnet-free traction motor for electric vehicles, focusing on environmental sustainability, cost-effectiveness, and efficiency. This aligns with several UN Sustainable Development Goals (SDGs), including SDG 7 (Affordable and

Clean Energy) and SDG 13 (Climate Action). The project proposes to design and evaluate two variants of reluctance synchronous motors: a conventional reluctance synchronous motor and a ferrite-assisted reluctance synchronous motor, with further sub-variants of these two types. By eliminating the need for rare earth magnets, the project aims to reduce dependency on scarce materials, lower production costs, and minimize environmental impact. This innovative approach will contribute to cleaner transportation technologies and promote the adoption of electric vehicles, supporting global efforts to combat climate change and foster sustainable industrial innovation.

Prototyping of Advanced Micro Ear Surgical Instruments



The objective of the project is to develop advanced, cost-effective, and user-friendly Micro Ear Surgical Instruments (MESIs) to improve healthcare accessibility and surgical efficiency, aligning with Sustainable Development Goal (SDG) 3: Good Health and Well-being. Their objectives include prototyping, real-world testing, and technology transfer of MESIs for commercialization and revenue generation. This project features a structured timeline for prototyping, fabrication, testing, and technology transfer over 12 months. Patents for innovative surgical instruments, such as the Rosen's circular knife, monopolar cautery with suction canula, and extendable surgical cutting instruments, have been published. Expected outcomes include the production of safer, more efficient surgical tools that reduce the need for multiple instruments, enhancing surgical flexibility and efficiency. The commercialization of this technology, facilitated by agencies like NRDC, will contribute to the economic growth and technological advancement in the healthcare sector, supporting SDG 9: Industry, Innovation, and Infrastructure. This project has been funded under the government scheme of MSME Idea Hackathon 2.0 to the tune of 14.00 lakhs

Maximizing energy recovery using microalgae in novel microbial carbon capture cells via Carbon dioxide sequestration. The proposal aims to develop and optimize Microbial Carbon Capture Cells (MCCs) to address climate change and sustainability challenges in line with the UN Sustainable Development Goals (SDGs). By integrating microalgae with modified microbial fuel cells, the project seeks to enhance carbon dioxide sequestration and energy recovery during wastewater treatment. This aligns with SDG 6 (Clean Water and Sanitation) and SDG 7 (Affordable and Clean Energy) by treating waste effectively

and generating renewable energy. Additionally, the project's focus on reducing greenhouse gas emissions supports SDG 13 (Climate Action). The project will tackle current limitations, such as high manufacturing costs and internal resistance, to scale up this technology. By optimizing key parameters and designing cost-effective components, the project aims to create a sustainable solution that contributes to environmental conservation and resource efficiency. This project has been funded under the government scheme of MSME Idea Hackathon 2.0 to the tune of 13.50 lakhs.

Automating Ophthalmoscopy: The project aims to automate ophthalmoscopy for detecting and evaluating retinal and glaucoma symptoms, addressing the widespread issue of ocular diseases caused by visual coercion, pollution, and genetic disorders. By automating the classification of disorders such as Normal, Glaucomatous, and Diabetic Retinopathy, the project seeks to overcome current detection limitations, which rely heavily on ophthalmologists. This initiative aligns with several UN Sustainable Development Goals (SDGs), including SDG 3 (Good Health and Well-being), by improving diagnostic accuracy and accessibility, and SDG 9 (Industry, Innovation, and Infrastructure), through the development of advanced medical technologies. The automated system will enhance early detection and treatment, reducing the risk of severe vision loss or blindness, and promoting overall eye health. The project leverages AI and image processing technologies to create a cost-effective, scalable solution, contributing to better healthcare outcomes and innovation in medical diagnostics. This project has been funded under the government scheme of MSME Idea Hackathon 2.0 to the tune of 12 lakhs.

5th Technovation Hackathon at Sharda University

Sharda School of Engineering & Technology organized the 5th Technovation Hackathon in which 2445 participants and 813 teams participated. After two rounds of evaluation, 124 teams including 15 teams from reputed colleges like Galgotias University, IIMT, IGDTU, etc were shortlisted for final evaluation. The selected teams prepared their models at the University Campus. The objective of the hackathon was to discover innovative ideas from young minds for the problems of society. During the event, the students worked on the themes that were Smart Citizen & Governance, Facilities & Amenities Design, Smart Security, Safety & Surveillance, Smart Health, Agriculture & Sanitation and Smart Transport & Pollution Control.

Job Fair



Training and Placement Department in association with Sharda School of Law conducted the first ever Mega Job cum Internship Fair - Law on 5th Nov. 2022 The event was graced by the

presence of Dr. Pradeep Rai, Senior Advocate and Vice President of the Supreme Court Bar Association as Chief Guest. Dr. Pawan Duggal, Senior Advocate, Supreme Court (Expert Cyber Law) attended the event as a Guest of Honor. Attorney Vinay Bhardwaj attended the ceremony as a special guest. This event aimed to give law students a wide range of internship and employment options. More than 20 prestigious law firms, including R & R Associates, Pavan Duggal Associates, Kansal Law Chambers, Khurana & Khurana Advocates, IP Attorneys, Vidhi Patron Law Offices, Fair Law Practitioner, PC & Associates, Mahndiyan Associates, Sharma Bharadwaj & Co., Link Legal, and others, took part and chose students.

Industrial Hackathon-2023: A Step towards Aatama Nirbhar Bharat

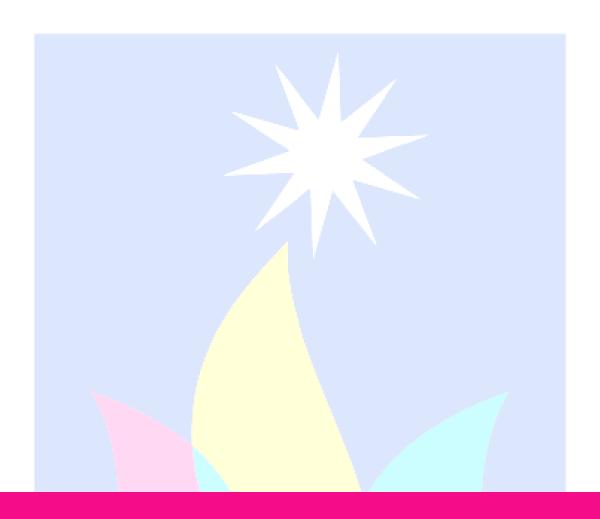


Industrial Hackathon: An **Initiative towards** Trillion Dollar Economy











Reduce inequality within and among countries

SHARDA UNIVERSITY

1

The aim of Sustainable Development Goal 10 is to reduce income inequality, promote social, economic, and political inclusion of all, regardless of age, sex, disability, race, ethnicity, origin, religion, or economic or other status. This goal targets various forms of inequality, including those related to income, social status, gender, disability, and regions within and among countries. Sharda University contributes to SDG 10 in the following ways.

10.1 Research on Reduced Inequalities

Sharda University, known for its diverse and inclusive campus, has made strides in promoting reduced inequalities through various academic and non-academic initiatives. The university's mission to create an inclusive environment is aligned with the United Nations Sustainable Development Goal (SDG) 10, which focuses on reducing inequalities within and among countries. This research examines the policies, programs, and outcomes related to reduced inequalities at Sharda University, focusing on socioeconomic, gender, and cultural dimensions.

Sharda University has implemented policies that ensure access to education for students from diverse backgrounds. The university offers scholarships and financial aid programs aimed at reducing the financial barriers for students from economically weaker sections (EWS). These initiatives are designed to ensure that meritorious students, regardless of their economic background, have equal access to quality education.

Sharda University promotes gender equality through various programs and initiatives. The university has gender-neutral policies in place, such as equal pay for faculty and staff and the creation of safe spaces for students of all genders. Additionally, the university has established a Women's Development Cell (WDC) to address gender-related issues and promote awareness regarding women's rights and opportunities on campus.

Sharda University's commitment to cultural inclusivity is evident in its diverse student population, which includes international students from over 85 countries. The university organizes cultural exchange programs, festivals, and events that celebrate diversity and foster mutual respect among students from different cultural backgrounds. Additionally, language support and orientation programs help international students integrate smoothly into campus life.

To promote reduced inequalities, Sharda University offers a range of scholarships based on merit and need. Scholarships like the Sharda University Merit Scholarship, Sports Scholarship, and Cultural Scholarship aim to support students who excel in academics, sports, and cultural activities. Additionally, financial aid is provided to students from economically disadvantaged backgrounds to ensure they can pursue their education without financial stress.

Sharda University offers various programs and workshops that emphasize inclusive education. This includes special provisions for students with disabilities, such as accessible infrastructure, assistive technology, and specialized academic support. The university also conducts sensitization programs for faculty and students to foster an inclusive learning environment.

Sharda University actively engages with local communities through outreach programs that address inequality and promote social development. The university's Community Connect Program allows students and faculty to work with marginalized communities, providing education, healthcare, and skill development opportunities. These initiatives help bridge the gap between the university and the community, contributing to reduced inequalities at a broader level.

The implementation of scholarships and financial aid programs has significantly increased access to education for students from diverse socioeconomic backgrounds. Data from the university's admissions office indicate a rise in the enrolment of students from EWS and underrepresented communities over the past five years. This demonstrates the effectiveness of the university's efforts in reducing educational inequality.

Sharda University has made notable progress in achieving gender parity, with an increasing number of female students enrolling in traditionally male-dominated fields such as engineering and technology. The Women's Development Cell's efforts have also contributed to a safer and more equitable campus environment for female students and staff.

The university's cultural inclusivity initiatives have fostered a sense of belonging among international students, leading to a more harmonious and integrated campus community. Feedback from international students highlights the positive impact of cultural exchange programs and the support provided by the university.

Expanding mentorship programs for students from underrepresented communities could also help bridge educational gaps. Moreover, strengthening language support services for international students and fostering greater cultural exchange through joint academic programs can enhance cultural integration.

Sharda University has made significant strides in reducing inequalities through its policies, programs, and initiatives. By prioritizing access to education for all, promoting gender equality, and fostering cultural inclusivity, the university is contributing to a more equitable society. However, continuous efforts and enhancements are necessary to fully realize the goal of reduced inequalities on campus and beyond.

10.2.1 First-generation students

We measure the number of students starting a degree who identify as being the first person in their immediate family to attend university, divided by the total number of students starting a degree. All data are provided as full-time equivalents. The metric is set to demonstrate that universities are able to provide education for disadvantaged groups – no group should be left behind.

10.2 First-generation students

To see how the university is addressing economic inequality, we measure the number of students starting a degree who identify as being the first person in their immediate family to

attend university, divided by the total number of students starting a degree. All data are provided as full-time equivalents. The metric is set to demonstrate that universities are able to provide education for disadvantaged groups – no group should be left behind. International students from developing countries.

10.3 International students from developing countries

Sharda University is renowned for its diverse and multicultural campus, attracting students from over 85 countries worldwide, including a significant proportion from developing nations. This review examines the experiences, challenges, and opportunities for international students from developing countries at Sharda University. It explores the university's support systems, academic and social integration, and overall satisfaction levels among these students.

Sharda University has positioned itself as a global educational hub, offering programs that appeal to students from developing countries, particularly in Africa, Asia, and the Middle East. These students are drawn by the university's reputation, affordable tuition fees, and comprehensive support services.

Over the years, there has been a steady increase in the enrolment of students from developing countries. This growth can be attributed to the university's active international outreach and partnerships with educational institutions in these regions. Courses in engineering, medicine, business administration, and computer science are particularly popular among these students.

Sharda University offers a diverse curriculum that caters to the academic interests and career aspirations of international students. The university provides academic support through mentoring, tutoring, and language assistance programs, which are crucial for students from non-English-speaking countries.

International students generally report positive experiences with faculty members, who are often approachable and supportive. However, there are occasional communication barriers, particularly for students who are not proficient in English. The university has made efforts to address this by providing English language courses and fostering an inclusive classroom environment.

Sharda University promotes cultural inclusivity through various events, festivals, and student clubs that celebrate diversity. International students are encouraged to participate in cultural exchange activities, which foster mutual respect and understanding between domestic and international students.

Despite these efforts, some international students from developing countries face challenges in fully integrating into the social fabric of the campus. Cultural differences, language barriers, and homesickness can sometimes lead to feelings of isolation. The university's cultural orientation programs have helped mitigate these challenges, but there is room for improvement in creating a more inclusive environment where all students feel a sense of belonging.

The presence of strong international student communities at Sharda University provides a support network for new students from developing countries. These communities often organize events, provide peer support, and help new students navigate campus life. The university's International Student Cell (ISC) also plays a pivotal role in addressing the needs of international students, offering guidance on academic, social, and legal matters.

Sharda University offers scholarships to international students based on merit and need, which are particularly beneficial for students from developing countries. These scholarships help reduce the financial burden on students and their families, making education at Sharda University more accessible.

However, the demand for financial aid often exceeds the available resources, and some students still struggle with the cost of living and other expenses in India. The university could consider expanding its scholarship programs or establishing partnerships with governments and NGOs to provide additional financial support to international students from developing countries.

International students from developing countries at Sharda University contribute significantly to the diversity and vibrancy of the campus. While the university has made considerable efforts to support these students through academic programs, cultural initiatives, and financial aid, challenges remain in areas such as social integration, academic preparedness, and financial support. By addressing these challenges and enhancing existing programs, Sharda University can further improve the experience of international students from developing countries and continue to foster a truly global educational environment.

10.4 Proportion of students with disabilities

Sharda University, a diverse and inclusive institution, strives to create an accessible environment for all students, including those with disabilities. This review explores the proportion of students with disabilities at the university, the support systems in place, and the challenges they face in their academic and social lives. It also assesses the university's efforts in promoting inclusivity and equal opportunities for students with disabilities.

The proportion of students with disabilities at Sharda University, while growing, still represents a relatively small percentage of the total student population. The exact numbers vary by academic year and discipline, but university records indicate that students with disabilities make up approximately 2-3% of the total enrolment. This figure includes students with physical, sensory, and learning disabilities.

The student population with disabilities at Sharda University is diverse, encompassing individuals with mobility impairments, visual and hearing impairments, and learning disabilities such as dyslexia. The university's commitment to providing equal access to education for all students has led to the development of various programs and resources tailored to their specific needs.

Sharda University has made significant strides in creating a physically accessible campus. Buildings are equipped with ramps, elevators, and accessible restrooms to accommodate

students with mobility impairments. Additionally, designated parking spaces and pathways ensure that students with disabilities can navigate the campus independently.

The university has invested in assistive technologies to support students with disabilities. This includes screen readers and magnification software for visually impaired students, as well as hearing aids and sign language interpretation services for those with hearing impairments. These technologies are available in classrooms, libraries, and other learning spaces, enabling students with disabilities to participate fully in academic activities.

Sharda University offers accessible housing options for students with disabilities. On-campus accommodations are equipped with features such as widened doorways, grab bars, and adjustable furniture to ensure that students with disabilities can live comfortably and independently. However, the availability of accessible housing is limited, and some students may need to seek off-campus alternatives.

Sharda University provides specialized academic support for students with disabilities through its Disability Resource Canter (DRC). The DRC offers services such as note-taking assistance, extended exam times, and alternative formats for coursework and exams. Additionally, academic advisors work closely with students to develop personalized learning plans that accommodate their specific needs.

The university encourages faculty to adopt inclusive teaching practices that cater to the diverse learning needs of students with disabilities. Workshops and training sessions are conducted to raise awareness among faculty members about the importance of accessibility and to equip them with the tools to create an inclusive classroom environment. However, the implementation of these practices can vary, with some students reporting inconsistent experiences across different courses.

Sharda University promotes social inclusion through various student organizations and events that encourage interaction between students with and without disabilities. The university hosts awareness campaigns, disability rights events, and inclusive sports activities to foster a sense of community and belonging. Despite these efforts, some students with disabilities still face challenges in fully integrating into campus life due to social stigmas and a lack of awareness among their peers.

Peer support programs at Sharda University play a crucial role in helping students with disabilities navigate their academic and social lives. These programs pair students with disabilities with peer mentors who provide guidance, assistance, and companionship. The presence of such programs has been positively received, but there is potential for further expansion to reach more students.

Sharda University has made commendable efforts to create an accessible and inclusive environment for students with disabilities. Through the provision of accessible infrastructure, academic support, and social inclusion programs, the university has enabled many students with disabilities to thrive in their academic pursuits. However, challenges remain in terms of awareness, resource allocation, and the full integration of students with disabilities into campus

life. By addressing these areas and building on its existing initiatives, Sharda University can further enhance the experience of students with disabilities and ensure that they have equal opportunities to succeed.

10.5 Proportion of employees with disabilities

Sharda University is committed to promoting diversity and inclusion, not only among its student body but also within its workforce. This review explores the proportion of employees with disabilities at Sharda University, the policies and practices in place to support them, and the challenges they may face in their professional roles. It also assesses the university's efforts to create an accessible and inclusive working environment for all employees.

The proportion of employees with disabilities at Sharda University remains a small but significant part of the overall workforce. While precise data may fluctuate due to hiring practices and disclosures, it is estimated that employees with disabilities constitute around 1-2% of the total staff, including both academic and non-academic personnel.

The university's employees with disabilities include individuals with physical, sensory, and cognitive disabilities. The representation of different types of disabilities among the workforce is diverse, with staff members contributing across various departments and roles, ranging from administrative positions to academic faculties.

Sharda University has implemented inclusive hiring policies to encourage the recruitment of individuals with disabilities. These policies are designed to ensure that qualified candidates with disabilities are given equal opportunities in the recruitment process. The university's commitment to diversity is reflected in its efforts to provide reasonable accommodations during interviews and on boarding, such as accessible interview locations and alternative formats for application materials.

Sharda University has made efforts to ensure that its campus and workplace facilities are accessible to employees with disabilities. Buildings are equipped with ramps, elevators, and accessible restrooms to accommodate individuals with mobility impairments. Additionally, the university provides accessible workspaces and office equipment, such as adjustable desks and ergonomic chairs, to ensure that employees with disabilities can work comfortably and efficiently.

The university also offers assistive technologies to support employees with disabilities. This includes screen readers, voice recognition software, and other adaptive technologies that enable employees with visual, hearing, or cognitive disabilities to perform their job duties effectively. However, the availability of these tools may vary, and there could be a need for further investment in the latest assistive technologies.

Sharda University is committed to providing reasonable accommodations to employees with disabilities. This includes flexible work hours, remote work options, and modifications to job duties or workspaces as needed. The process for requesting accommodations is designed to be straightforward, ensuring that employees can easily access the support they need.

Sharda University offers professional development opportunities for all employees, including those with disabilities. Training programs, workshops, and mentorship initiatives are available to help employees advance in their careers. However, there may be challenges in ensuring that employees with disabilities have equal access to these opportunities, particularly if they face barriers related to accessibility or workplace culture.

The university aims to create a supportive and inclusive work environment where employees with disabilities can thrive. This includes fostering a culture of respect and understanding, providing disability awareness training to all staff, and ensuring that employees with disabilities are valued for their contributions. However, ongoing efforts are needed to address any potential biases or misconceptions that may exist within the workplace.

Integrating employees with disabilities into the broader workplace community can be a challenge, particularly if there are barriers to social interaction or participation in team activities. Ensuring that all employees, regardless of their abilities, feel included in the workplace culture is essential to fostering a sense of belonging and engagement.

While Sharda University provides accommodations and assistive technologies, there may be limitations in the availability of resources or the speed at which accommodations are implemented. Some employees with disabilities may experience delays in receiving the necessary support, which can impact their productivity and job satisfaction. Streamlining the process for requesting and receiving accommodations could help address this issue.

Sharda University has made commendable efforts to create an inclusive workplace for employees with disabilities through its policies, accommodations, and support services. While the proportion of employees with disabilities remains relatively small, the university's commitment to diversity and inclusion is evident in its recruitment practices, workplace accessibility, and professional development opportunities. However, there are still challenges to be addressed, particularly in terms of awareness, integration, and access to resources. By building on its existing initiatives and addressing these areas for improvement, Sharda University can continue to enhance the work experience for employees with disabilities and ensure that they have equal opportunities to thrive.

10.6 Measures against discrimination

Sharda University, known for its diverse student and faculty population, places a high emphasis on creating an inclusive and respectful environment. This review examines the measures taken by the university to prevent and address discrimination on campus, covering policies, support systems, awareness programs, and the overall effectiveness of these efforts in fostering an inclusive community.

Sharda University has established clear anti-discrimination policies to protect all members of its community from discrimination based on race, gender, religion, caste, disability, sexual orientation, and other protected characteristics. These policies are part of the university's broader commitment to upholding human rights and promoting equality.

Sharda University has established various committees, such as the Anti-Discrimination Cell, Internal Complaints Committee (ICC), and Equal Opportunity Cell, to address grievances related to discrimination. These bodies are responsible for investigating complaints, ensuring confidentiality, and taking appropriate action against perpetrators.

The process for reporting discrimination at Sharda University is designed to be accessible and transparent. Students, faculty, and staff can file complaints through multiple channels, including online portals, in-person submissions, or anonymous reports. The university ensures that all complaints are handled promptly and fairly, with the complainant kept informed throughout the process.

Victims of discrimination receive support from the university in the form of counseling, academic accommodations, and legal assistance if needed. Sharda University emphasizes a victim-centric approach, ensuring that those who report discrimination feel safe and supported during and after the investigation process.

To prevent discrimination, Sharda University conducts regular awareness and sensitization programs for students, faculty, and staff. These programs cover topics such as unconscious bias, cultural sensitivity, gender equality, and disability awareness. Training sessions are designed to promote understanding and empathy, helping to reduce stereotypes and discriminatory attitudes.

The university organizes workshops and seminars on issues related to discrimination and inclusion, featuring guest speakers, activists, and experts in the field. These events provide a platform for dialogue and education on various forms of discrimination and the importance of creating an inclusive campus environment.

Cultural festivals, diversity days, and inclusive events are part of Sharda University's efforts to celebrate its diverse community. These events promote cross-cultural understanding and provide opportunities for students from different backgrounds to share their traditions, experiences, and perspectives, fostering mutual respect and reducing the likelihood of discrimination.

Sharda University's anti-discrimination measures have contributed to a generally positive campus climate, where diversity is valued, and incidents of overt discrimination are relatively rare. Many students and staff report feeling that the university is committed to inclusivity and fairness, and that the support systems in place are effective.

Sharda University has taken significant steps to combat discrimination and promote inclusivity on its campus. Through comprehensive policies, accessible reporting mechanisms, awareness programs, and support systems, the university has created a framework that addresses discrimination and fosters a respectful environment for all. However, continuous efforts are needed to address subtle forms of discrimination, improve training and outreach, and ensure that all members of the community are aware of and can access the resources available to them. By building on its existing initiatives and addressing areas for improvement, Sharda University can continue to enhance its commitment to diversity, equity, and inclusion.

Sharda Samanata Samaroh: University is planning to establish a Sharda Samanata Samaroh to support the poor nearby Greater Noida for training and enhancing skills to work for their livelihood.

Name of the Book Chapter:

- 1. Uncovering gender disparity and sexual misconduct: A quest towards in
- 2. Attaining sustainable development goals through gender equality in information and communication technology (ICT)
- 3. Hope and Religious Practices: Predictors of Good Mental Health among Elderly People

Name of the Course:

1. Gender, School and Society for a truly egalitarian and democratic society, there is a need to have empowered & informed citizens. This course aims to develop basic understanding and familiarity with concept of Gender and its intersection with class, caste, religion and region. It also intends to make aware about the process of socialization at home and school. The Course will help in creating awareness and understanding of laws dealing with aspects of gender. It plays a crucial role in identifying structural inequalities and bridging the gap between the formal legal regime and the implementation of progressive laws across the societies

2. Public Economics

This course focuses on the role of the government in the economy The course covers tax policy and inequality, market failure, public goods and rent seeking.

3. International Ecoomics

This course provides an analysis of the economic relationships between countries, covering both international trade theory and policy. The subject will help in understanding the links between globalization and inequality. This course reasons the need for balance of payments accounts and open economy income identities. By expanding the knowledge on exchange rates, the subject will also underline the importance for a currency to be overvalued or undervalued. Lastly, the course will also discuss the critical aspects of the current policy environment.

4. Social Exclusion: Theory and Practices

Social exclusion is a process that deprives individuals as well as groups from their due share in an unequal social order. Social categories of exclusion have become heterogeneous over the years. No longer are class and caste the only social cleavages. Issues like religion, gender, alternative sexuality have occupied an important space in the debates on exclusion. In these circumstances it becomes imperative to study, understand and explain social exclusion in its various dimensions. No linear understanding will do justice to the process of explaining exclusion. What is required is an understanding of the intersection of various social categories and their interdependence on each other.

5. Psychology of Gender

Gender and psychology courses are the scientific study of how people's thoughts, feelings, and behaviors are influenced by the actual, imagined, or implied presence of others. It studies cognitive, affective, and behavioral processes of individuals as in- fluenced by their group membership and interactions, and other factors that affect social life, such as social status, role, and social class.

6. Postcolonial Literature

This course intends to introduce students to the emergent body of literature in English variously called Commonwealth/ Postcolonial/New literatures in English. Issues under review will range from: race, violence, religion, memory, identity, cultural conflict, imperialism and linguistic hegemony. Though colonialism has largely dissipated, racial stereotypes and ethnocentric thinking continue to reproduce structures of domination in the contemporary age. Apart from providing a good understanding of 'race'/'ethnicity' as discursive constructions and an awareness of how these paradigms of identity interact with 'gender' and 'class' in postcolonial context, the course addresses the following question: How does literature called 'postcolonial' reflect on the legacies of colonialism? What role does literature play in maintaining or overcoming these ways of thinking?

Name of the Event:

1. "Abhivyakti 2020"

To auspicious fiesta that brings fun, excitement, of student Cultural Society of Sharda University.

2. Cultural Heritage 23rd to 29th October 2018

To give knowledge India Cultural Heritage for the international students.

3. INTERNATIONAL WOMENAS DAY THEME: Gender Equality Today for a Sustainable Tomorrow

To further promote and raise awareness of women's rights

To encourage women to develop entrepreneurial skills and to achieve equal opportunity status in all walks of life.

To Empower women and identifying, celebrating and increasing visibility of women's achievements can help forge equality

Strategic collaborations with Mahila Unnati Sansthan (India) based on a foundation of shared purpose, trust and appreciation can impact positive change for women

Awareness raising can help combat gender bias and discrimination to accelerate gender parity.

4. Department of Otorhinolaryngology is organizing a programme & Damp; Camp on the International Woman Day on 8th March 2022

Break The Bias Gender EQUALITY TODAY FOR A SUSTAINABLE Tomorrow

5. "Equality for Women is progress for all" (Agent of change) 8th March

The drive is scheduled for the female students and faculties of Sharda University to inform them about various crimes and their penalties put on the accused.

- 6. National Seminar on Gender Ratio Disparity on Tuesday, 29th March, 2022, 11:00 am to 02:00 pm.
 - 1. To disseminate information on women centric issues.
 - 2. To empower women through education and awareness.
 - 3. To suggest suitable remedial measures and strategies to provide equal Social, Economical & Political status to women in Society
- 7. The Society for Cultural Activities, Sharda School of Law, Sharda University is organizing Ethic Day Celebration on Friday, 30th September 2022, 01.30 PM onwards.

To cherish and celebrate the culture and diversity of our country
Aims at encouraging students to foster cultural exchange and to showcase their ethnic dresses.
To promote student interaction and to infuse joy of shared culture.

8. One Day Workshop on Gender Sensitization through awareness regarding SEXUAL HARASSMENT OF WOMEN AT WORKPLACE (PREVENTION, PROHIBITION AND REDRESSAL) ACT, 2013

To equip the faculty members/ employees with knowledge on the subject to prevent sexual harassment and develop in them professional competence for implementation of the statute i.e. the Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013.

Participants will be able to list out / describe / define:

- 1) Gender Issues and Gender Discrimination
- 2) Sexual Harassment at Workplace and Related Judicial Pronouncements
- 3) Provisions of the Act
- 4) Constitution of Internal Complaints Committee (ICC) and Duties and Roles of ICC Presiding Officer / Member

- 5) Third Party Harassment
- 6) Role of an Employer Preventive Policies (organization)
- 7) Organizational Best Practices, Conduct and Service Rules, steps to Conduct Inquiry
- 9. Cultural society along with student council under the adages of office of Dean Student welfare Sharda University is Organizing Navotsav '22 Freshers Party on 2nd December 2022
 - . To Welcome students to our university.
 - . To Create an icebreaker by encouraging freshmen to showcase their talents.
 - . This Pre-Fresher event will provide us with contenders for the Mr. and Ms. Fresher and other Fresher title rounds.
- 10. Cultural Club Membership | 10th February 2023

The competitive academic environment and co-curricular activities on campus keep the students on their toes. But everyone needs some time off, to relax and recharge. Cultural Society at Sharda University is the best place for this.

11. Gender-Blender

Understanding the concept of gender relations and the power dynamics behind each individual.

Enhancement of gender roles and standards, elimination of restricting standards.

Perception of individuals of all genders in society.

To promote Gender equality.

12. VASUDHAIVA KUTUMBAKAM #G20 Cultural Exhibition

To promote this spirit of oneness, the Diversity Club of the Cultural Society of Sharda University is organizing a cultural exhibition where the teams from different schools will get a chance to showcase the culture of G20 countries through posters and models. Each School will represent a G 20-member country allocated through a draw of lots.

13. Equality in Gender Diversity

To recognize the equality of all the genders

To have a positive attitude toward the males, females, and other communities

To sensitize the society to accept their social and sexual inclinations.

14. A Guest Lecture on TOLERANCE & DEPARTMENT ARMONY TOWARD CULTURAL, REGIONAL, LINGUISTIC, COMMUNAL, SOCIOECONOMIC & OTHER ACTIVITIES, resilience and their mental health aspects on 29th May, 2023.

To sensitize the students regarding tolerance in community

To sensitize the students regarding resilience in community

Mental Health aspects of Tolerance & Resilience

15. Cultural Youth Festival 2023 in collaboration with Nehru Yuva Kendra (Ministry of Youth and Sports Affair)

To motivate the student to participate in Azadi ka amrit Mahotsav Poetry Dance and painting Competition.

- 16. Media & Description Fostering Research Culture Among University Students
- 17. School of Pharmacy, is organizing Open discussion session on the Current Status of Gender Equity and Women Empowerment in India on Friday, 28th July, 2023, 03:00 PM. to 04:00 PM.

Publish Research Paper:

Sr.	Year	Title of paper	Name of the	Name of	ISSN	Link of particular
No			author/s	journal	num ber	paper
1	2023 - 2024	Exploring student community engagement in higher education: A bibliometric analysis on the	Prabhat Mittal and Rachna Bansal Jora	Internatio nal Journal of Experime ntal	2455- 4855	https://qtanalytics.in/ journals/index.php/IJ ERR/article/view/24 91
		path to sustainable development		Research and Review		
2	2023	Impact of legislation on banks portfolio risk and its failure effects	Awanish Kumar Sinha, Pradeep Kumar Aggarwal	Multidisc iplinary Science Journal	2675- 1240	https://malque.pub/o js/index.php/msj/arti cle/view/1148/663
3	2023 - 2024	Corporate Sustainability with Forensic Auditing: An Evidence from India	Meenu Gupta, Pradeep Kumar Aggarwal and Rekha Gupta	Internatio nal Journal of Experime ntal Research	2455- 4855	https://qtanalytics.in/ journals/index.php/IJ ERR/article/view/27 91

				and Review		
				10000		
4	2023	Social Justice Implications for	Shrinkhala Upadhyaya,	The Journal	0973- 2586	https://journals.sage pub.com/doi/epub/1
	2024	Development	Srinivas R.	of	2380	0.1177/0973258623
		Communication:	Melkote	Creative		1199576
		A Case Study of		Commun		
		Body Dissatisfaction		ications		
		Disorder				
5	2023	The Kashmiri	Simran Koul &	Journal	1744-	https://www.tandfonl
	- 2024	Pandits' 1990s exodus: An	Pallavi Thakur	of Postcolon	9855	ine.com/doi/full/10.1 080/17449855.2024.
	202 4	interview with		ial		2313625?src=exp-la
		Siddhartha Gigoo		Writing		
6	2023	An Exploratory	Swati Sharma,	The	1526-	https://pubmed.ncbi.
	-	Research	Sakshi Shukla,	Journal	3711	nlm.nih.gov/383173
	2024	Comparing Oral	Shivlingesh K	of		98/
		Health, Pattern of	Kamate, Rupali	Contemp		
		Substance Abuse and Nicotine	Kalsi, Meena Jain, Simon	orary Dental		
		Dependence	Walia, Sonali	Practice		
		among LGBT,	Kumari	1		
		Female Sex	N.			
		Workers and Heterogenders		Y		
7	2023	The Influence of	Umar Abdu	Internatio	2633-	https://ijor.co.uk/ijor
	-	Cultural Diversity	Suleiman, Parul	nal	3538	/article/view/4732
	2024	on Core Hr Functions Within	Saxena	Journal of		
		Nigeria Public		Religion	/	
		Sector				
8	2022	Inequality	Muha <mark>mm</mark> ad	Environ	0944-	https://link.springer.
	2023	consequences of natural resources,	Ibrahim Shah, Muhammad	mental Science	1344	com/article/10.1007/ s11356-022-22788-
	2023	environmental	Shehu Shuaibu,	and		1?utm source=getftr
		vulnerability, and	Hauwah K. K.	Pollution		&utm_medium=getf
		monetary-fiscal	AbdulKareem,	Research		tr&utm_campaign=g
		stability: a global evidence	Zulfiqar Khan & Shujaat		a at T	etftr_pilot
		C. Idellee	Abbas			

9	2022	Understanding the	Vishakha Jain,	Journal	2589-	https://www.jrtdd.co
	-	Reasons of	Mridul	for	7799	m/index.php/journal/
	2023	Diarrhea	Dharwal, Prem	ReAttach		article/view/304
		amongChildren in	S. Vashishtha,	Therapy		
		India: Cross	Dr. Nimmi	and		
		Sectional Study	Agarwal	Develop		
		using National	\ \ \	mental		
		Family Health		Diversitie		
		Survey		S		
10	2022	Gender	Kumur John	Journal	1538-	https://jmasm.com/in
	-	Discrepancy in	Haganawiga,	of	9472	dex.php/jmasm/articl
	2023	Infant Mortality	Surya Kant Pal,	Modern		e/view/1131
		in Nigeria:	Anu Sirohi,	Applied		
		Evidence from	Varsha Rathi	Statistical		
		NDHS Data 2018		Methods		







11 SUSTAINABLE CITIES AND COMMUNITIES



11.2 - Support of Arts and Heritage

Preserving cultural heritage is crucial not only for maintaining a connection to our past but also for enriching our understanding of different cultures and histories. Cultural heritage encompasses the monuments, sites, and traditions that highlights the historical and cultural narratives of a region. By safeguarding these treasures, we not only honor the values and achievements of past generations but also to ensure that the future generations may experience and learn from them. Such preservation fosters a sense of identity and continuity, and contributes to the overall cultural richness and diversity of our global community.

Sharda University recognizes the importance of this mission and is committed to playing an active role in preserving and promoting cultural heritage and has therefor integrated this into its broader educational philosophy towards experiential learning. To this end, the University has taken a proactive approach in preserving cultural heritage by facilitating various activities that allow students to explore and appreciate the rich history of Delhi and its surroundings. One of the university's key initiatives includes organizing regular educational visits to heritage buildings, monuments and their documentation. These excursions are meticulously planned to provide students with a comprehensive understanding of the architectural, historical, and cultural significance of sites. These visits serve multiple purposes. Firstly, they offer students an immersive learning experience, providing them with first hand exposure to historical sites that textbooks alone cannot convey. By walking through these monuments and learning about their stories, students gain a deeper appreciation for their achievement and cultural significance. Secondly, the university encourages students to document these heritage sites which not only helps students engage actively with the subject matter but also instils a sense of responsibility towards preserving the cultural legacies for future generations.

Sharda University's efforts in promoting cultural heritage align with several of the United Nations Sustainable Development Goals (SDGs). Specifically, these initiatives contribute to SDG 11 (Sustainable Cities and Communities) as they support preservation and promotion of historical sites and contribute towards the sustainability of urban environments, besides fostering a sense of community pride, responsible tourism and engagement with locals.

In doing so, Sharda University helps to cultivate a generation of informed, culturally evolved individuals who are well prepared to contribute positively to both their local and global communities.

11.2.1 Public Access to Buildings

Provide public access to buildings and/or monuments or natural heritage landscapes of cultural significance

Response: Some free access to buildings

Sharda University not only values the importance of cultural heritage but also actively integrates this appreciation into its campus life and educational experiences. The university's commitment to

preserving and promoting cultural heritage is reflected in the design and accessibility of its own buildings, as well as in its organized field trips to historical monuments.

The university campus itself houses several buildings of cultural significance, including the 'Temple Complex' and various 'Auditoriums'. These structures are more than just functional spaces; they embody the university's dedication to creating an environment where cultural appreciation and academic pursuits go hand in hand. The **Temple Complex** is a significant cultural and spiritual space within the university. It serves as a serene environment for meditation, reflection, and cultural events. Its presence on campus underscores Sharda University's commitment to fostering a holistic educational experience that includes spiritual and cultural dimensions. The various **auditoriums** on campus are designed to host a range of cultural and academic events. These venues are accessible to the public, which means that external guests, as well as students and staff, can experience a wide array of cultural programs, lectures, and performances. By providing free public access, the university ensures that these cultural resources are available not just to the university community but also to the broader public.

To maintain security and order, Sharda University has established specific protocols for accessing its premises. Visitors, including students, faculty, staff, and guests must adhere to these procedures. Upon arrival at the university, visitors are required to register at the entrance gate or security checkpoint. This process involves providing valid identification and stating the purpose of their visit. Students, staff and faculty members are issued identification cards that grant them access to the campus. These ID cards are crucial for verifying the identity of individuals and ensuring that the campus remains safe and secure, fostering a welcoming yet secure place for all who visit.

This practical exposure complements their academic studies and enhances their appreciation for cultural heritage. During these trips, students are encouraged to document their observations and experiences. This practice not only helps students engage actively with the heritage sites but also fosters a sense of responsibility towards preserving these cultural assets. Through documentation, students contribute to the creation of records that can be used for educational purposes and future preservation efforts. The university's field trips aim to instil a sense of pride and respect for cultural heritage. By experiencing these historical sites from close quarters, the students develop a deeper connection to their cultural roots and a greater understanding of the historical narratives that define their heritage.

Sharda University's focus on preserving and documenting cultural heritage supports the sustainability of urban environments by maintaining historical sites and promoting responsible tourism. Through these efforts, Sharda University not only enhances its student's academic journeys but also plays a vital role in the preservation and appreciation of cultural heritage, ensuring that these valuable legacies are respected and remembered by future generations.

a. University Temple: The on-campus temple building has an open access to the public and visitors while they are accessing the campus grounds.

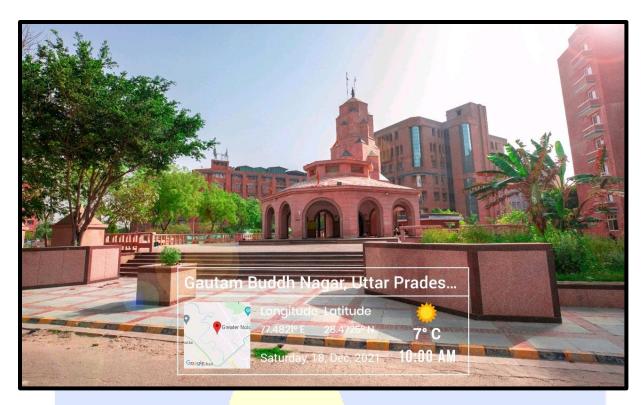


Figure-1: University Temple Complex



Figure-2: Goddess Saraswati - The Goddess of Education at Block-2

b. University Auditoriums: University auditoriums at Sharda University hold significant cultural value as they serve as spaces for various intellectual, artistic, and cultural activities that contribute to the holistic development of students and the broader academic community. These auditoriums are more than just physical structures; they represent hubs of cultural exchange, artistic expression, and intellectual discourse. The auditoriums host a diverse range of cultural events, including musical performances, theatrical productions, dance recitals, and art exhibitions. These events not only showcase the artistic talents of the students but also foster a vibrant cultural atmosphere within the university.



Figure-3: Anand Swaroop Central Auditorium



Figure-4: Vishveshwaraiya Auditorium



Figure-5: APJ Abdul Kalam Auditorium



Figure-6: Auditorium at Sharda School of Business Studies



Figure-7: Auditorium at Sharda School of Medical Sciences and Research

11.2.2 Public Access to Libraries

Provide public access to libraries including books and publications

Response: Access to all after application

The Swami Vivekananda Library, along with the other school libraries at Sharda University, stands as a pivotal resource in fostering academic growth and intellectual development of students, researchers, and staff. With a vast collection that exceeds 175,000 books and thousands of print journals, these libraries are dedicated to igniting young minds, nurturing wisdom and knowledge across diverse fields of study.

The libraries are cornerstone of academic support at Sharda University, continuously updated with new books, journals, and other study materials to meet the evolving needs of students from various disciplines. This dynamic nature of collection ensures that the libraries remain relevant and valuable resource centre for quality teaching, learning and research for all its primary stakeholders.

The extensive range of books and journals covers a broad spectrum of subjects, offering students and researchers access to current and comprehensive information across different fields of study. This wealth of resources supports academic excellence and encourages a culture of continuous learning. To stay abreast of advancements in various disciplines, the libraries frequently refresh their collections with new publications and resources. This commitment to updating the library holdings ensures that users have access to the latest research, trends, and educational materials.



Figure-8: Central Library, Sharda University

The library provides access to a diverse array of information formats, including online databases, multimedia resources, and traditional print materials. This multi-format approach caters to different learning styles and research needs, making it easier for users to find and utilize relevant information.

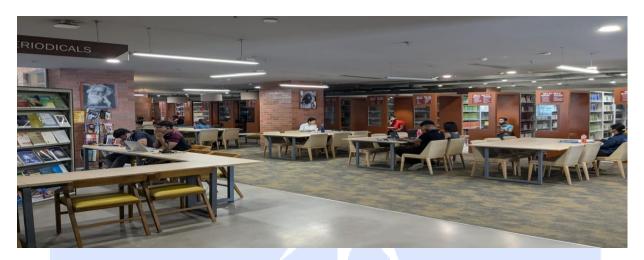


Figure-9: Central Library_ Common Reading Area 1

Library Services and Support

Sharda University's libraries are designed to support academic activities and enhance research capabilities through a variety of services. The libraries adopt a user-centric model, focusing on the needs and preferences of students, faculty, and staff. This approach ensures that library services are tailored to support effective learning and research.

Libraries work closely with faculty members to integrate library resources into the curriculum and research activities. This collaboration helps in the development of students' research skills and information literacy, ensuring that they can effectively locate, evaluate, and utilize information. The libraries at Sharda University also provides an environment conducive to both research and learning, equipped with facilities that support academic activities. This environment encourages scholarly engagement and fosters a culture of inquiry and knowledge-seeking.

While the libraries are primarily accessible to Sharda University students, faculty, and staff, they also open their doors to the public and underprivileged sections of society under specific conditions. Public access is granted with approval from the designated authorities during specified hours (Monday to Friday, 8:35 A.M. to 7:00 P.M.). This inclusive policy reflects the library's commitment to serving a broader community beyond the university.

This accessibility supports the development of equitable opportunities for education and information access.

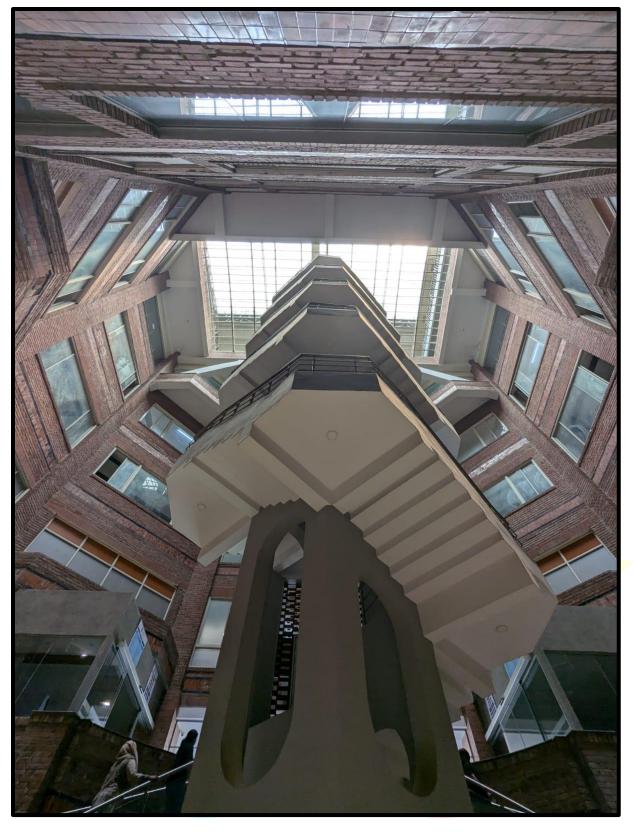


Figure-10: Interior View of the Library's Atrium



Figure-11: Central Library_Informal Reading Zone

The Swami Vivekananda (Central Library) Library is also host to "The Bharatiya Sanskriti Vaishvik Kendra" which has been launched at Sharda University by the Sharda School of Humanities and Social Sciences in collaboration with Bharatiya Sanskriti Vaishvik Nyas, Noida (U.P.). The space is located within the complex that includes class rooms with smart boards, labs, and other resources. The library also has a multi-purpose hall, amphitheatre style informal seating, artist studios, and workshop spaces. These facilities are used for Sanskriti's activities, as well as for conferences and workshops by NGOs, associations, and other civil society organizations.

Our libraries also play a crucial role in urban development by serving as educational hubs that support lifelong learning and knowledge sharing. By enhancing access to information and educational resources, libraries contribute to the intellectual and social fabric of urban communities. These resources and services support cultural and intellectual growth, which is essential for building vibrant and sustainable communities. By fostering a culture of learning and research, our libraries help individuals and communities thrive.

The library's outreach to public and underprivileged groups reflects Sharda University's commitment to community engagement and social responsibility. This engagement helps bridge gaps in access to educational resources and contributes to the overall well-being of the community. Sharda University's libraries are more than just repositories of books and journals; they are dynamic centers that support academic excellence, research development, and community engagement. Their commitment to updating resources, providing diverse access formats, and fostering inclusive access aligns with the principles of SDG 11, contributing to the creation of sustainable and resilient communities.

Evidence:

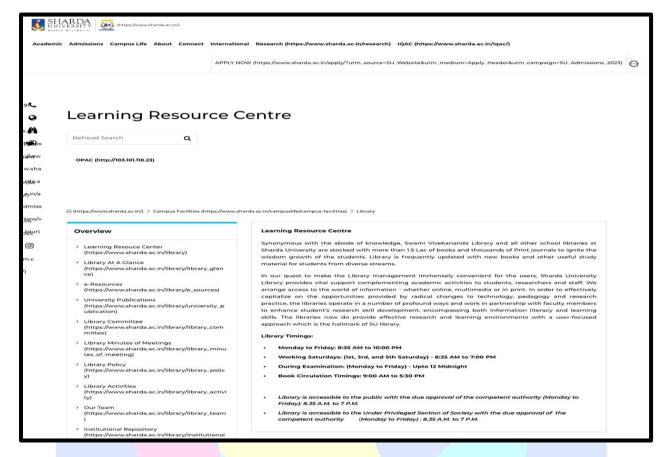


Figure-12: Library Webpage with Public Access Details



Figure-13: Central Library, Sharda University

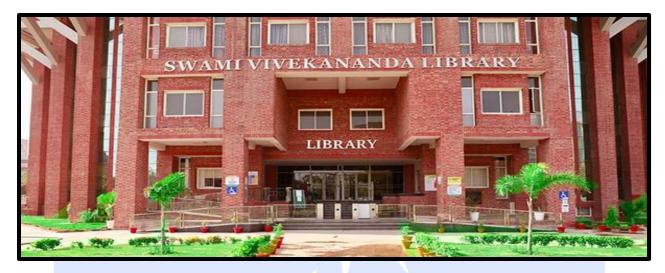


Figure-14: Swami Vivekananda Central Library

11.2.3 Public Access to Museums

Provide public access to museums, exhibition spaces or galleries, or works of art and artefacts

Response: Facilitating Access

Sharda University embraces its international character by celebrating and promoting a rich tapestry of cultures, traditions, and languages from across the world as international students over 65 countries constitutes nearly 12% of over 17,000 students on the campus. This commitment to cultural diversity and artistic expression is reflected in the university's proactive approach to organizing events and activities that highlight various forms of art, culture and tradition. These events are designed to be inclusive and accessible, encouraging public engagement, participation and appreciation.

Cultural and Artistic Events

These workshops cover diverse topics, including visual arts, performing arts, traditional crafts, and contemporary art forms. By bringing in experts and practitioners from different disciplines, the workshops offer participants hands-on experience and in-depth knowledge of different artistic methods, expressions and traditions. Sharda University also organizes **competitions** that provide a platform for showcasing talent and creativity. These competitions span various art forms, such as painting, sculpture, music, dance, drama, and literature. They encourage participants to express their artistic abilities while engaging with diverse cultural themes. The competitions are open to both university students and the general public, fostering a sense of community and shared appreciation for the arts.

The university frequently organizes **exhibitions** to display artworks, cultural artefacts, posters carrying social messages and creative projects. These exhibitions feature contributions from

students, faculty, and invited artists, creating a vibrant space where different artistic expressions can be appreciated. The exhibitions are open for public viewing, allowing visitors from the community and beyond to experience and enjoy the diverse range of artworks and cultural items on display.

Public and Inter-University Engagement

Many of the events organized by Sharda University are open to the public. This openness ensures that individuals from various backgrounds and interests can attend and participate in the cultural and artistic activities hosted by the university. By inviting the public, the university fosters a broader engagement with art and culture, enhancing community ties and promoting cultural exchange. In addition to providing a whole and experience to its own students, Sharda University encourages participation from students of other universities. This not only broadens the scope of the events but also facilitates a cross-cultural dialogue among students from different institutions. It also creates opportunities for collaboration, learning, and mutual appreciation of diverse cultural practices.

Sharda University's dedication to organizing and hosting cultural and artistic events reflects its commitment to fostering an inclusive and dynamic cultural environment. By opening its events to the public and involving students from various universities, the university contributes to the broader goals of cultural accessibility and community engagement, thereby supporting the objectives of SDG 11.



Figure-15: 5th Inter University Qawwali competition



Figure-16: International Moot Court competition



Figure-17: 3rd International Conference ICAAAIML – 2022

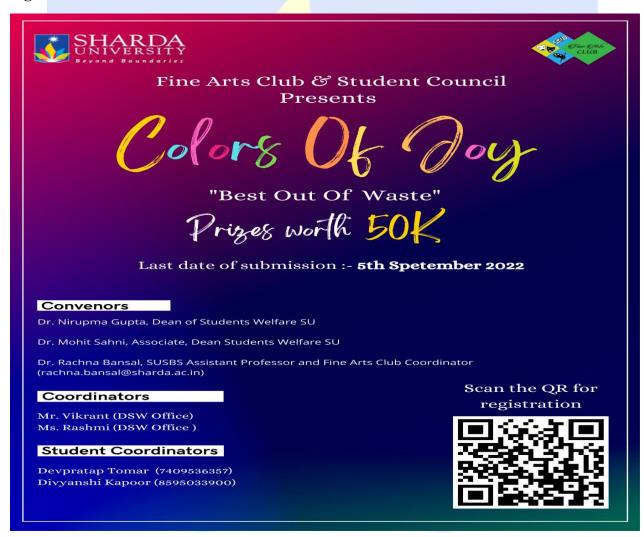


Figure-18: Exhibition & Competition_ Colors of Joy

11.2.4 Public access to green spaces

Provide free public access to open spaces and green spaces

Response: Free access to campus grounds

Sharda University is committed to providing a welcoming and accessible environment not just within its academic and infrastructure, but also in its open and green spaces. The university's approach to public access to these areas reflects its dedication to community engagement and environmental concerns.

Sharda University recognizes the importance of open and green spaces in enhancing the quality of life for its campus community and even the casual visitors. These spaces offer numerous benefits, including recreational opportunities, relaxation, and environmental enrichment. The university campus includes various open and green areas that are designed to be accessible and enjoyable for users. These spaces may include gardens, lawns, and landscaped areas that contribute to the overall aesthetic and ecological value of the campus.

While there are established protocols for entering the university campus, once individuals have been granted access, they are free to utilize the open and green spaces within the precinct. This policy ensures that visitors, students, faculty, and staff can enjoy these areas without let or hindrance, fostering a sense of community and inclusivity.

Access Protocols

To ensure safety and security while maintaining an open and welcoming environment, Sharda University has implemented specific procedures for accessing its campus. Visitors to the university campus are required to follow certain protocols to gain entry. This typically involves registering at the entrance gate or security checkpoint. The registration process helps the university maintain security and manage visitor access effectively. Visitors may need to provide valid identification and state the purpose of their visit during the registration process. This helps ensure that access is managed appropriately and the campus remains a safe and secure environment for all users.

Students and faculty members are issued identification cards that grant them entry to the campus. These ID cards are essential for verifying identity and facilitating access to various areas, including the open and green spaces.

Community and Environmental Benefits

Providing access to green spaces supports the well-being of the campus community. These areas offer a place for relaxation, recreation, and social interaction, contributing to a healthier and more balanced lifestyle. By allowing public access to these spaces, Sharda University fosters community connect and interaction. Open green spaces serve as venues for informal gatherings, events, and activities that strengthen interactions amongst individuals and groups.

The presence of abundant green spaces/lawns/playgrounds on campus underscores the university's commitment to environmental sustainability. These areas provide opportunities for environmental education and raise awareness about the importance of maintaining green and natural spaces.

While access to the green spaces is generally available to those who have entered the campus, there are specific occasions or events when the university may offer broader public access to these areas. This occasional free access is generally part of community outreach efforts, special events, or open house activities designed to engage with the local community and showcase the university's commitment to public service.

By implementing access protocols and at the same time ensuring that these areas are available for enjoyment, the university enhances community well-being and aligns with the principles of sustainable urban development as outlined in SDG 11.



Figure-19: Aerial view_Sharda University



Figure-20: Lawn in front of Block-4



Figure-21: Celebration Yoga Day in University Lawn



Figure -22: Central Sports Ground at University Hosting an Inter University Sports Meet

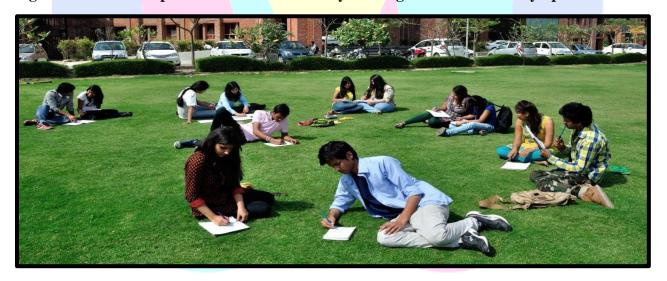


Figure-23: Lawn in front of Block-2

11.2.5 Art and Heritage Contribution

Contribute to local arts, in terms of number of annual public performances of university choirs, theatre groups, orchestras etc... either ad-hoc or as part of an ongoing programme.

Response: More than 30 performances

Sharda University is committed to fostering a vibrant and dynamic campus life through a rich array of inter and intra-college fests and cultural events. These events are designed to both showcase and develop student talents, while simultaneously equipping them with essential skills in event organization, management, and leadership. The university's approach to extracurricular activities ensures a well-rounded education that extends beyond academic learning, promoting personal growth and a deeper engagement with the arts, culture and traditional value system.

Intra-College and Inter-College Fests

Intra-college fests are tailored to explore and highlight the diverse talents of students within individual schools or departments of the university. These events provide a platform for students to demonstrate their skills, whether in music, dance, drama, fashion, or other creative fields. They also serve as a crucial component of the university's commitment to enhancing student development by offering opportunities to engage in creative expression and competition.

Inter-college fests, on the other hand, bring together students from various colleges across the Delhi NCR and Northern India. These events are bigger in scale and often involve a range of activities that challenge participants intellectually and artistically. By competing and collaborating with peers from other institutions, students gain exposure to diverse perspectives and practices, which enriches their own abilities and broadens their understanding in their chosen fields.

Participation in these fests is not limited to showcasing talent; it also plays a significant role in developing critical skills. Students involved in organizing and managing these events learn valuable lessons in conflict, resolution, leadership, team spirit, and sportsmanship. These experiences help students cultivate organizational skills, manage stress, and work effectively as part of a team, all of which are crucial for their future personals lives.

Sharda University hosts several clubs dedicated to promoting and preserving cultural, artistic, and heritage values. Each club plays a unique role in nurturing student talent and providing opportunities for personal and artistic growth.

Following are the clubs at Sharda University:

Music Club: The Music Club at Sharda University serves as a central hub for music enthusiasts, creating a space where students can regularly engage with and appreciate music. The club aims to enhance students' intellectual and emotional development through music, providing them with access to high-quality facilities such as dedicated music rooms and a variety of instruments. The club organizes numerous events that allow students to hone their skills and connect with other music lovers.



Figure-24: Music Club Performing at an Event

Dance Club - The objective of the club is to elevate and advance the art of the dance in all its educational aspects and to encourage uniform methods of instructions. The club was established with the mission of bringing out the hidden talents of students and also provides them a stage where they can showcase their dancing talent and interest.



Figure-25: A winning Team from the Dance Club

Dramatic Club: Drama club offers the chance for the students to pursue a career in the theatre or simply to learn some new skills to share with friends and family, network with others and share ideas with other students and faculty on and off campus.



Figure-26: Drama Club Performing at Republic Day Celebration

Fashion Club: The Fashion Club at Sharda University serves as a platform for the expression of artistic freedom within the realm of fashion. This club provides an environment where students can enhance their skills, connect with like-minded individuals, and exchange ideas with both peers and faculty. By fostering a collaborative and creative space, the Fashion Club aims to cultivate a

strong sense of community among its members, both on campus and within the broader fashion industry.

The club seeks to establish a presence not only within the university but also beyond, by actively engaging with the wider fashion community. Members will have the opportunity to acquire current and relevant knowledge through both classroom learning and club meetings, ensuring they remain informed about the latest trends and developments in the fashion world. This exposure, combined with practical experience, will enable students to grow, develop, and refine their creative talents.

Through participation in the Fashion Club, members have been able to explore their passion for fashion, while simultaneously building a network of connections that may support their personal and professional growth. The club is dedicated to nurturing a shared enthusiasm for fashion, providing a space for students to express themselves and their creativity in a dynamic environment.



Figure-27: Students of Fashion Club during CHORUS the Annual Cultural Fest

All these clubs actively contribute to the preservation and promotion of art, culture, and heritage. They organize public performances, workshops, and events that not only showcase student talents but also strengthen the cultural fabric of the university and its community. Through their activities, these clubs help instil a sense of cultural pride and awareness among students, enriching the overall educational experience at Sharda University.

By integrating extracurricular activities with academic pursuits, Sharda University ensures that students are not only well-versed in their respective fields of study but also engaged, culturally aware, and prepared for the complexities of the modern world.

Following is the list of such events during the academic year 2022-23 –UPDATED

S.NO.	TITLE	DATE	PERMALINK
1	Atisarga Farewell (2018-2023) SSDAP Department of Architecture 6th May 2023	06-05-2023	http://15.206.4.234/shardaevents.co m/event/atisarga-farewell-2018- 2023-ssdap-department-of- architecture-6th-may-2023/
2	NCC Fest Vasudev Kutumbakam.	15-05-2023	http://15.206.4.234/shardaevents.co m/event/ncc-fest-vasudev- kutumbakam/
3	Independence Day Parade "Bharat ka Gaurav"	11-08-2022	http://15.206.4.234/shardaevents.co m/event/independence-day-parade- bharat-ka-gaurav/
4	Unsung Heroes of India's freedom struggle	11-08-2022	http://15.206.4.234/shardaevents.co m/event/unsung-heroes-of-indias- freedom-struggle/
5	Colors of Joy	25-08-2022	http://15.206.4.234/shardaevents.co m/event/colors-of-joy/
6	Teachers' Day Celebration	10-09-2022	http://15.206.4.234/shardaevents.co m/event/teachers-day-celebration/
7	The Society for Cultural Activities, Sharda School of Law, Sharda University organized "Ethnic Day Celebration"	30-09-2022	http://15.206.4.234/shardaevents.co m/event/the-society-for-cultural- activities-sharda-school-of-law- sharda-university-is-organizing- ethic-day-celebration-on-friday- 30th-september-2022-01-30-pm- onwards/
8	Mata Ki Chawki And Dandiya Night	03-10-2022	http://15.206.4.234/shardaevents.co m/event/mata-ki-chawki-and- dandiya-night/

9	ALUMINI MEET- CONVERGE AGAIN- 22	10-10-2022	http://15.206.4.234/shardaevents.co m/event/alumini-meet-converge- again-22/
			ugum 22/
10	Deepawali Celebration	19-10-2022	http://15.206.4.234/shardaevents.co m/event/deepawali-celebration/
11	School of Humanities & Social Sciences organised an Ethnic Day 2022	21-10-2022	http://15.206.4.234/shardaevents.co m/event/school-of-humanities- social-sciences-is-organising-an- ethnic-day-2022/
12	FRESHERS PARTY (ROSES & ROOKIES)	11-11-2022	http://15.206.4.234/shardaevents.co m/event/freshers-party-roses- rookies-fgt/
13	Annual Media Fest "MEFT FEST 2022" •	21-11-2022	http://15.206.4.234/shardaevents.co m/event/annual-media-fest-meft- fest-2022/
14	SOE- Freshers' Talent Hunt 2022	29-11-2022	http://15.206.4.234/shardaevents.co m/event/soe-freshers-talent-hunt- 2022/
15	Fresher party	30-11-2022	http://15.206.4.234/shardaevents.co m/event/fresher-party/
16	School of Design, Architecture and Planning (SAP), Department of Architecture, Sharda University organized a Fresher's Party	02-12-2022	http://15.206.4.234/shardaevents.co m/event/school-of-design- architecture-and-planning-sap- department-of-architecture-sharda- university-is-organizing-a-freshers/
17	Navotsav "22 Celebrity Night	03-12-2022	http://15.206.4.234/shardaevents.co m/event/navotsav-22-celebrity- night/
18	WINTER CARNIVAL	07-12-2022	http://15.206.4.234/shardaevents.co m/event/winter-carnival/
19	Sharda School of Law (SSOL) Cultural organizing "EXPRESSIONS # 2023 -Sing, Dance and Express with your Heart" on Friday, 20th January, 2023 from 01:00 pm onwards.	19-01-2023	http://15.206.4.234/shardaevents.com/event/sharda-school-of-law-ssol-cultural-organizing-expressions-2023-sing-dance-and-express-with-your-heart-on-friday-20th-january-2023-from-0100-pm-onwards/
20	Fine Art Club of the Cultural Society is organizing a series of events to celebrate Road Safety Awareness Month and Azadi ka Amrut Mahotsav on 24th Jan 2023	21-01-2023	http://15.206.4.234/shardaevents.co m/event/fine-art-club-of-the- cultural-society-is-organizing-a- series-of-events-to-celebrate-road- safety-awareness-month-and-azadi-

			ka-amrut-mahotsav-on-24th-jan- 2023/	
21	5th Inter University Qawwali Competition on 16th -17th February 2023	14-02-2023	http://15.206.4.234/shardaevents.co m/event/5th-inter-university- qwwali-competition-on-16th-17th- february-2023/	
22	Chorus 2k23- Symphony of Senses	13-03-2023	http://15.206.4.234/shardaevents.co m/event/chorus-2k23-symphony- of-senses/	
23	G20 Global Village Competition Chorus 2k23- Symphony of Senses	20-03-2023	http://15.206.4.234/shardaevents.co m/event/g20-global-village- competition-chorus-2k23- symphony-of-senses/	
24	Inauguration ceremony of Chorus 2023 SPIC MACAY performance by Guru Geeta Mahalik	22-03-2023	http://15.206.4.234/shardaevents.co m/event/inauguration-ceremony- of-chorus-2023-spic-macay- performance-by-guru-geeta- mahalik/	
25	Celebrating tradition day on auspicious festival Navratri and Ramadan Month for Teaching, Non- Teaching Staff and students of Architecture	24-03-2023	http://15.206.4.234/shardaevents.co m/event/celebrating-tradition-day- on-auspicious-festival-navratri- and-ramadan-month-for-teaching- non-teaching-staff-and-students-of- architecture/	
26	"Millet Fiesta"	12-04-2023	http://15.206.4.234/shardaevents.co m/event/millet-fiesta/	
27	Diversity of Cultural Expressions/Department of Environmental Sciences/SSBSR/17- 04-2023/1:30PM to 3.00PM	15-04-2023	http://15.206.4.234/shardaevents.co m/event/diversity-of-cultural- expressions-department-of- environmental-sciences-ssbsr-17- 04-2023-130pm-to-3-00pm/	
28	Mega Cultural Event on 17th April 2023/SSBSR, Department of Physics	15-04-2023	http://15.206.4.234/shardaevents.co m/event/mega-cultural-event-on- 17th-april-2023-ssbsr-department- of-physics/	
29	Kalakriti to celebrate world art Day	20- <mark>0</mark> 4-2023	http://15.206.4.234/shardaevents.co m/event/kalakriti-to-celebrate- world-art-day/	
30	SOE Farewell 2023	24-04-2023	http://15.206.4.234/shardaevents.co m/event/soe-farewell-2023/	

31	Farewell 2023 â€~ Hasta La Vista' Â	03-05-2023	http://15.206.4.234/shardaevents.co m/event/farewell-2023-hasta-la- vista/
			<u>v15ta/</u>

Evidence:



Figure-28: Republic Day Celebration 2023



Figure-29: Navotsav 2022



Figure-30: Independence Day Celebration 23



Figure-31: Mata ki Chowki and Jagrata Celebration



Figure-32: 27th Foundation day celebration



Figure-33: Chorus 2023 Celebrations

11.2.6 Record and Preserve Cultural Heritage

Deliver projects to record and preserve intangible cultural heritage such as local folklore, traditions, language, and knowledge. This can include the heritage of displaced communities.

Response: Local or regional cultural heritage

National cultural heritage

Heritage of displaced communities

Sharda University undertakes several significant initiatives aimed at the documentation and preservation of cultural heritage through both events and research endeavors. The university regularly organizes a variety of cultural events and festivals that serve as a celebration of the diversity and richness of different cultures. These events typically feature performances, exhibitions, and workshops that spotlight traditional art forms, music, dance, and literature, thus offering a vibrant platform to highlight and preserve these cultural expressions.

Moreover, the university actively supports research projects dedicated to the documentation and preservation of cultural heritage. These projects often involve an in-depth study of local traditions, languages, rituals, and historical sites. Through these scholarly efforts, Sharda University contributes to the creation of comprehensive records in the form of research papers, publications, and books, which serve as valuable resources for the continued preservation of cultural heritage.

On April 14, 2023, Sharda University inaugurated the first Jain Study Center in the Delhi NCR region. The Jain Study Center aims to educate students about Jainism, promoting understanding of its principles and culture. This initiative aligns with Sharda University's historic association with Jain values and ethics. In addition to cultural events and research work, Sharda University operates its own in-house FM radio station, "Suno Sharda 90.8," which was launched on December 16, 2015. As the only community radio station in Greater Noida, Suno Sharda provides a dynamic platform for dialogue and discussion among the local community. Its programming focuses on daily life trends and seeks to empower society by delivering timely and relevant information. Given that the radio station is located within the university campus, students from various academic disciplines actively participate in the creation and production of content. This provides them with an enriching opportunity to contribute to the community while also promoting the arts, culture, and heritage not only of the city but of the nation as a whole.

The content broadcast by Suno Sharda is uniquely designed and developed by both students and community members, fostering a collaborative and inclusive approach. The station encourages participants from both the student body and the surrounding community to utilize multiple formats in producing radio programs that benefit society, thereby making the radio station an interactive and engaging medium for cultural exchange and social empowerment. Through this initiative, Sharda University continues to enhance its role in promoting cultural awareness and engagement on a broader scale.

Following is the list of some of the events organized to record and preserve the national/regional cultural heritage during the year 2022-23:

S.No.	Title of the Event	Date	Permalink
1	Azadi Ka Amrit Mahotsav 2022	08-08-2022	http://15.206.4.234/shardaevents.c
			om/event/azadi-ka-amrit-
			mahotsav-2022/
2	Poem Recitation	10- <mark>08-2022</mark>	http://15.206.4.234/shardaevents.c
			om/event/poem-recitation/
3	Fine Art Event (A tribute to	24th January, 2022	http://shardaevents.com/event/fine
	celebrate 75 years of		-art-event-a-tribute-to-celebrate-
	Independence)		75-years-of-independence/
4	Independence Day Parade	11-08-2022	http://15.206.4.234/shardaevents.c
	"Bharat ka Gaurav"	A STATE OF THE STA	om/event/independence-day-
			parade-bharat-ka-gaurav/
5	School of Humanities & Social	26-08-2022	http://15.206.4.234/shardaevents.c
	Sciences is organising an event		om/event/school-of-humanities-
	"Cross Examination"		social-sciences-is-organising-an-
	A pan Sharda debate		event-cross-examination/
	competition as a part of		

	celebrations on the occasion of		
	"Azadi ka Amrit Mahotsav"		
6	Remembering Gandhi - A	29-09-2022	http://15.206.4.234/shardaevents.c
	Protagonist of Peace		om/event/remembering-gandhi-a-
			protagonist-of-peace/
7	Webinar on French Language	06-10-2022	http://15.206.4.234/shardaevents.c
	Program Sharda Skills		om/event/webinar-on-french-
			language-program-sharda-skills/
8	Webinar on SPANISH	01-10-2022	http://15.206.4.234/shardaevents.c
	LANGUAGE PROGRAM	01 10 2022	om/event/webinar-on-spanish-
	Sharda Skills		language-program-sharda-skills/
9	The Society for Cultural	30-09-2022	http://15.206.4.234/shardaevents.c
	Activities, Sharda School of	30-07-2022	om/event/the-society-for-cultural-
	•		_
	Law, Sharda University is		activities-sharda-school-of-law-
	organizing Ethnic Day		sharda-university-is-organizing-
	Celebration • on Friday, 30th	<u> </u>	ethic-day-celebration-on-friday-
	September 2022, 01.30 PM		30th-september-2022-01-30-pm-
4.0	onwards.	00.10.000	onwards/
10	Mata Ki Chawki And Dandiya	03-10-2022	http://15.206.4.234/shardaevents.c
	Night		om/event/mata-ki-chawki-and-
	<u>/</u>		dandiya-night/
11	Awareness/ Outreach	12-10-2022	http://15.206.4.234/shardaevents.c
	Programme on Save Soil	\ \	om/event/awareness-outreach-
	Mission		programme-on-save-soil-mission/
12	Deepawali Celebration	19-10-2022	http://15.206.4.234/shardaevents.c
			om/event/deepawali-celebration/
13	School of Humanities & Social	21-10-2022	http://15.206.4.234/shardaevents.c
	Sciences is organising an Ethnic	() () () () () () () ()	om/event/school-of-humanities-
	Day 2022		social-sciences-is-organising-an-
			ethnic-day-2022/
14	Live Movie Screening Series	10-11-2022	http://15.206.4.234/shardaevents.c
	Called Flames 11th November	A	om/event/live-movie-screening-
	2022	A	series-called-flames-11th-
		A / /	november-2022/
15	Sharda School of Law, Sharda	17-11-2022	http://15.206.4.234/shardaevents.c
	University in Collaboration with	11 2022	om/event/sharda-school-of-law-
	Indigenous, a part of project I-		sharda-university-in-collaboration-
	Leads is organizing a lecture		with-indigenous-a-part-of-project-
	cum suggestion drive on India's		i-leads-is-organizing-a-lecture-
	G-20 Presidency - Vasudhaiva		cum-suggestion-drive-on-indias-g-
	Kutumbakam: Our Cultural		20-presidency-vasudhaiva-
	Approach on Friday, 18th		kutumbakam-ou/
	November from 10:00 AM		
1.0	onwards.	16.01.2022	14, //17,006,4,004/1, 1
16	TRADITIONAL HOUSE -	16-01-2023	http://15.206.4.234/shardaevents.c
	VERNACULAR BUILDING		om/event/traditional-house-
	DESIGN WORKSHOP		vernacular-building-design-
			workshop/

17	Sharda School of Law (SSOL)	19-01-2023	http://15.206.4.234/shardaevents.c
	Cultural organizing "EXPRESSIONS # 2023 -		om/event/sharda-school-of-law-
			ssol-cultural-organizing-
	Sing, Dance and Express with your Heart†• on Friday, 20th		expressions-2023-sing-dance-and- express-with-your-heart-on-friday-
	January , 2023 from 01:00 pm		20th-january-2023-from-0100-pm-
	onwards.		onwards/
18	Remember 23rd January, the	23-01-2023	http://15.206.4.234/shardaevents.c
	birthday, of Netaji Subhash		om/event/remember-23rd-january-
	Chandra Bose , as Prakram		the-birthday-of-netaji-subhash-
	Divas		chandra-bose-as-prakram-divas/
19	5th Inter University Qwwali	14-02-2023	http://15.206.4.234/shardaevents.c
	Competition on 16th -17th		om/event/5th-inter-university-
	February 2023		qwwali-competition-on-16th-17th-
			february-2023/
20	Study visit/Workshop on	24-02-2023	http://15.206.4.234/shardaevents.c
	Historical Research and		om/event/study-visit-workshop-
	Photography B. Arch - SSDAP		on-historical-research-and-
	25th February 2023		photography-b-arch-ssdap-25th-february-2023/
21	Inauguration ceremony of	22-03-2023	http://15.206.4.234/shardaevents.c
21	Chorus 2023 SPIC MACAY	22-03-2023	om/event/inauguration-ceremony-
	performance by Guru Geeta		of-chorus-2023-spic-macay-
	Mahalik		performance-by-guru-geeta-
	Version 1		mahalik/
22	Celebrating tradition day on	24-03-2023	http://15.206.4.234/shardaevents.c
	auspicious festival Navratri and		om/event/celebrating-tradition-
	Ramadan Month for Teaching,		day-on-auspicious-festival-
	Non-Teaching Staff and		navratri-and-ramadan-month-for-
	students of Architecture		teaching-non-teaching-staff-and-
		V.	students-of-architecture/

Following is the list of publications contributing in recording and preserving heritage –

Year	School	Departmen t	Title of Book/Book Chapter	Name of the author/s	ISBN/ISSN
			0 		
2022-	Sharda	Art &	Green	Ankita Shukla	
2023	School of	Design	Manufacturing in	Pandey,	978-
	Design,		Apparel Industry:	Vasundhara	981196106-9
	Architecture		Future Trends and	Saluja	
	& Planning		Scope		
2022-	Sharda	Humanities	Hope and Religious	Priya	
2023	School of	& Social	Practices: Predictors	Choudhary and	978-93-94779-
	Humanities	Sciences	of Good Mental	Hariom	14-3
	& Social		Health among	Sharma	
	Sciences		Elderly People		

2022-	Sharda	Humanities	Sarat Chandra	Srishti Jalal	
2023	School of	& Social	Chattopadhyay and	and Pramod	978-93-94779-
	Humanities	Sciences	his Portrayal of	Kumar	14-3
	& Social	200000	Female Protagonists:		
	Sciences		Progressive or		
	201011000		Patriarchal	1	
2022-	Sharda	Humanities	Revisiting Hindu	Pallavi Thakur	
2023	School of	& Social	Mythology and	1 41144 1 11441441	978-93-94779-
	Humanities	Sciences	Redefining		14-3
	& Social	201011003	Femininity in Chitra		1.0
	Sciences		Banerjee		
	201011000		Divakaruni's The		
			Place of illusions		
2022-	Sharda	Humanities	Adaptations of the	Ayushi	
2023	School of	& Social	Indian Epic	Jaiswal, Niraj	978-93-94779-
2023	Humanities	Sciences	Mahabharata in	Raj, Pramod	14-3
	& Social	Belefices	Films and Television	Kumar	113
	Sciences		Shows	Tumui	
2022-	Sharda	Humanities	Culture and Identity	Km. Anjana	
2023	School of	& Social	in Amitav Ghosh's	and Rafraf	978-93-94779-
2023	Humanities	Sciences	'The Shadow Lines'	Shakil	14-3
	& Social	Belefices	and Rohinton	Shakii	113
	Sciences	1	Mistry's 'Such a		
	Selences		Long Journey'		
2022-	Sharda	Humanities	Women and	Shreya	
2023	School of	& Social	Partition:	Bhardwaj and	978-93-94779-
2023	Humanities	Sciences	Dehumanised	Mukuta Borah	14-3
	& Social	201011005	Feminine Self	Transca B oran	1.0
	Sciences		Surmised by		
	20101100		"Lajwanti" and		
			"Pinjar"		
			Jw-		
2022-	Sharda	Humanities	Resistance against	Rafraf Shakil	
2023	School of	& Social	Caste and Gender	Ansari	978939000000
	Humanities	Sciences	Oppression in		
	& Social		Bama's Sangati and		
	Sciences		Baby Kamble's The		
	, , ,		Prison We Broke		
2022-	Sharda	Humanities	Representation of	Simran Koul,	
2023	School of	& Social	Kashmiri Pandits'	Pallavi Thakur	979-
	Humanities	Sciences	Trauma and		8889750710
	& Social		Alienation in		
	Sciences		Siddharth Gigoo's		
			Garden of Solitude		
2022-	Sharda	Humanities	Reprercussions of	Meghna	
2023	School of	& Social	Caste Violene on	Mathur and	979-
	Humanities	Sciences	Indian Dalit Women:	Pallavi Thakur	8889750710
	& Social		Acknowledging		
	Sciences		Dalit Women's		
			Solidarity and Unity		
			<u> </u>		

			against Caste Violence in Bama's		
			Vanmam		
2022- 2023	Sharda School of Humanities & Social Sciences	Humanities & Social Sciences	वो जो था ख़्वाब-सा	Prachi Priyanka	978-93-92617- 40-9
2022- 2023	Sharda School of Humanities & Social Sciences	Humanities & Social Sciences	Reading Eco- feminist Approaches: Postcolonial Women's Writing in Hindi Literature	Prachi Priyanka	978-1-66690- 871-8
2022- 2023	Sharda School of Humanities & Social Sciences	Humanities & Social Sciences	Spiritual and Moral Education of Students on the Material of the National Game - Kok Boru	Nurmira Abdybekova, Cholpon Ryspaeva and Pramod Kumar	979-8-88697- 467-6
2022- 2023	Sharda School of Humanities & Social Sciences	Humanities & Social Sciences	The depiction of gender violence in Khushwant's Singh train to Pakistan	Sasbanka Debbarma, Prachi Priyanka	978-93-92108- 72-3
2022- 2023	Sharda School of Design, Architecture & Planning	Architecture	Sustainable Materials In Interior Design	Bhagya Krishnant, Prof. Anjali Verma and Ankita Saxena	978-93-90567- 68-3
2022-2023	Sharda School of Design, Architecture & Planning	Architecture	Comparision Between Vernacular Architecture In Cold Climates And Research Stations In Antarctica	Lalfakzuala, Namita and Sandeep Singh	978- 9390567683
2022- 2023	Sharda School of Design, Architecture & Planning	Architecture	Architecture Of Science Fiction Cinema: Is Visualization Of Architecture In Science Fiction The Basis For Future Urban Cities	Urja Shrestha, Sandeep Singh and Bhupesh Garg	978- 9390567683
2022- 2023	Sharda School of Design, Architecture & Planning	Architecture	Impact of Urban Public Squares in Indian Cities	Nishat Praween,Ankit a Saxena,Abhay Kaushik	978-93-90567- 69-0

2022- 2023	Sharda School of	Architecture	Exploring The Potential Of	Samiullah Abdullah,	978-93-90567-
2023	Design,		Adaptive Façade	Sonam Batra	68-3
	Architecture		Systems	and Satvinder	
	& Planning		` '	Singh Walia	
2022-	Sharda	Architecture	History Of	Paras Jain ,	
2023	School of		Museums: A	Krishan Kumar	978-
	Design,		Timeline	and Bhupesh	9390567683
	Architecture			Garg	
	& Planning				
2022-	Sharda	Humanities	Women's Identity	Rafraf Shakil	
2023	School of	& Social	and Representation	& Shachee	978-93-5764-
	Humanities	Sciences	in History &	Agnihotri	862-0
	& Social		Literature		
2022	Sciences	A 1 '4	M 1 (D 11'	IX. 4. D	
2022-	Sharda	Architecture	Market as Public	Kirti Rawat,	079
2023	School of		Space	Abhay Kaushik and Sonam	978-
	Design, Architecture	,		Batra	9390567683
	& Planning	/		Daua	
2022-	Sharda	Art &	From Screen to	Vasundhara	
2023	School of	Design	Streets: How	Saluja &	978-93-91248-
	Design,	2 031811	Bollywood Fashion	A.B.M	63-5
	Architecture		Influences the	Tanvirul Islam	
	& Planning		Masses		
2022-	Sharda	Art &	To Reuse the Fabric	Vasundhara	
2023	School of	Design	Waste:	Saluja & Utsav	978-93-91248-
	Design,		Implementing the	Bharadwaj	63-5
	Architecture		Japanese Technique	1	
	& Planning		of Kintsugi		
2022-	Sharda	Art &	A Research On	Vasundhara	070 02 01240
2023	School of	Design	Repositioning Khadi	Saluja & Vibha	978-93-91248-
	Design,	1	As A Sustainable	Kapoor	63-5
	Architecture		Fashion Textile		
2022-	& Planning Sharda	Humanities	Unveiling	Qurat -ul -aen,	
2022	School of	& Social	Resilience: Maternal	Rafraf Shakil	978-625-367-
2023	Humanities	Sciences	Love And The	ANSARI	232-4
	& Social		Pursuit Of Justice In		202
	Sciences		Shahnaz Bashir'S		/
			'Half Mother'		
2022-	Sharda	Art &	A bibliometrics	Aakanksha,	/
2023	School of	Design	analysis of the	Vibha Kapoor	978-93-91535-
	Design,		evolution and trends		43-8
	Architecture		in ergonomics in		
	& Planning		garment industry		
2022-	Sharda	Humanities	Rambuai And	Lallianmawia	0.50 .00 .00
2023	School of	& Social	Human Suffering In	Lianhna & Dr.	978-625-367-
	Humanities	Sciences	Malaswami Jacob"S	Rafraf Shakil	026-9
				Ansari	

	& Social Sciences		"Zorami: A Redemption Song"		
	Sciences		Redemption Song		
2022-	Sharda	Art &	Kashmir Textiles	Neelam	
2023	School of	Design	and Embroidery	Agrawal	9789390000000
	Design,			Srivastava	
	Architecture				
	& Planning				
2022-	Sharda	Art &	The Impact of	Aditya Prasad	
2023	School of	Design	Knitted Structure in	and Neelam	9789390000000
	Design,		the Shoe	Shrivastava	
	Architecture				
	& Planning				
2022-	Sharda	Humanities	A Postcolonial Study	Shreya	
2023	School of	& Social	of Trauma in The	Bhardwaj,	978-9951-764-
	Humanities	Sciences	Lost Homestead: My	Mukuta Borah	72-8
	& Social		Mother Partition and		
	Sciences	1	Punjab		
2022-	Sharda	Humanities Humanities Humanities	Samhita Arni's	Khushi Sharma	
2023	School of	& Social	Sita's Ramayana:	and Gurpyari	978-
	Humanities	Sciences	Deconstruction of	Bhatnagar	9392459368
	& Social	7	Binaries		
	Sciences				

Following is the list of MoU's signed contributing towards recording and preserving intangible heritage –

Year	School	Departm ent	Name of the Organization OR Institution OR Industry with whom MoU is signed	Duration (Yrs)	MoU Document
2022	Universit	Universit	Greater Noida	03 Years	https://ezone.sharda.ac.in/ezone
2023	y	y	Industrial Development Authority		2022/admin/naaccriteria/getpdf details/naaccriterias_pdf- N2022-
					2023:criteria 3.7.2:MOU Grea ter_Noida Authority 1pdf
2022	Sharda	Mass	Ravi Sarin Motion	01 D <mark>ay</mark>	https://ezone.sharda.ac.in/ezone
-	School of	Communi	Pictures Pvt Ltd		1
2023	Media,	cation			2022/admin/naaccriteria/getpdf
	Film &				details/naaccriterias_pdf-
	Entertain				<u>N2022-</u>
	ment				2023:criteria 3.7.2:MOU with
					Ravi Sarin Motion Pictu.PD F

2022	Sharda	Mass	Ravi Sarin Motion	03 Days	https://ezone.sharda.ac.in/ezone
-	School of	Communi	Pictures Pvt Ltd		<u>=</u>
2023	Media,	cation			2022/admin/naaccriteria/getpdf
	Film &			4	details/naaccriterias_pdf-
	Entertain		\ \		<u>N2022-</u>
	ment				2023:criteria 3.7.2:MOU with
					_Ravi_Sarin_Pataalok.PDF
2022	Sharda	Mass	Reel touch	02 Days	https://ezone.sharda.ac.in/ezone
-	School of	Communi	Production		<u>=</u>
2023	Media,	cation			2022/admin/naaccriteria/getpdf
	Film &				details/naaccriterias_pdf-
	Entertain				<u>N2022-</u>
	ment				2023:criteria_3.7.2:MOU_with
					Reel_Touch_Production_Coll
					ege Romance.PDF
2022	Sharda	Mass	Yansh Entrainment,	01 Day	https://ezone.sharda.ac.in/ezone
-	School of	Communi	Ghazia <mark>bad</mark>		=
2023	Media,	cation			2022/admin/naaccriteria/getpdf
	Film &		/ }		details/naaccriterias_pdf-
	Entertain				<u>N2022-</u>
	ment				2023:criteria_3.7.2:MOU_with
			/ \		_Yansh_Entertainment_Bajaj_
					<u>Avenger.PDF</u>
2022	Universit	Universit	Roaming Souls	03 Years	https://ezone.sharda.ac.in/ezone
-	у	y	Technologies Pvt	N. Comments	= all
2023	1	The state of the s	Ltd, Hardoi UP		2022/admin/naaccriteria/getpdf
					details/naaccriterias_pdf-
			N. Committee of the Com		<u>N2022-</u>
					2023:criteria 3.7.2:Roaming S
					<u>ouls.pdf</u>

Evidence:



Figure-34: Establishment of Jain Study Centre at the University



Figure-36: 77th Independence Day Celebration



Figure-36: Mehfil-e-khas Qawwali Competition



Figure-37: Celebrating International Yoga Day

11.3. Expenditure on Arts and Heritage

Sharda University provides funding to support its events and initiatives that contribute to the preservation and promotion of art and heritage. These funding strategies are crucial in ensuring the successful execution of cultural events and programs aimed at promoting and preserving art and heritage.

11.3.1 Arts and Heritage expenditure (In USD)

Response: University Expenditure - US \$ 46110670

Functions & Festival Expenditure - US \$ 459407

Expenditure on Culture, Art and Heritage - US \$ 22187

Sharda University is committed to fostering a vibrant arts and cultural heritage through various funding mechanisms and strategic initiatives. The institution allocates resources specifically for the promotion of arts and heritage, utilizing budgetary allocations, grants, and scholarships to facilitate a diverse array of events and programs.

To further enhance its impact, the university actively engages in collaborations with government entities, non-profit organizations, and cultural institutions that share a common vision of preserving and promoting cultural heritage. Such partnerships often entail joint funding initiatives, wherein financial resources are pooled to support large-scale events, research endeavours, and heritage preservation campaigns. Such collaborative efforts not only amplify the reach and effectiveness of these initiatives but also contribute to the broader socio-cultural enrichment of the community.

Through these concerted actions, Sharda University underscores its commitment to cultural preservation and the promotion of artistic expression, ensuring that the arts remain an integral part of the university's mission and community engagement.

Evidence:

	Total	2,01,45,29,858	1,74,65,98,987
Gratuity Pravision Expenses		4,98,28,261	4,64,64,636
Insurance of Staff Gratuity Expenses		1.72.71.669	1,01,323
House Keeping Expenses Security Exp.		12,36,52,064 4,13,05,044	9,57,99,169
Faculty Development Exps. Professional Charges (Drs)		51,60,279 8,97,99,343	39,55,189 9,56,48,408

Schedule-N: Financial Expenses

Particulant		For the year ending 33st March, 2023	For the year ending 21st March, 2022	
	_	Amount (in Rs.)	Amount (in Rs.)	
Bank Charges Interest on term loans from banks and others (secured) Interest on Vetticle & Equipment Loan (secured) Interest to Others Interest on Unsecured Loan		42,63,559 7,33,93,890 36,18,533 2,99,702 1,96,82,123	43,45,034 10,87,27,617 19,27,030 4,44,065 1,67,83,948	
	otal	10.02,77,806	13,22,30,696	

Schoolels O . Other Expenses

Particulars	For the year ending 31st March, 2023	For the year ending 31st March, 2022
	Amount (in Rs.)	Amount (in Rs.)
Audit Fees & Out of pocket expenses	47.00.00	
Property, Plant & Equipment Insurance usp.	17,70,798 72,82,278	17.13.912
Charity & Donation	10.27,409	67,05,685
Cunveyance Exp.	775463,0000	17,25,300
Princed to District Exp. (Validate)	1,69,45,069	1,49,84,891
Electricity Exp.	1,48,04,194	81,22,533
function & Festival Exp.	14,65,89,044	13,65,88,195
Meeting Exp	3,86,23,824	3,66,88,910
Webirur Exp	52,53,422	25,30,478
Conference Exp	6,762	1,38,292
revited Talks Exp	41,23,234	12,30,415
Vorkshop Exp	92,947	72,252
Ultural Event Exp	11,04,990	4,43,365
seminar Exp	18,65,368	1,07,022
ADP EXP	3,21,116	3.13,579
raining Program Exp		81,727
James & Sports Exp.	1,25,100	1,10,390
Sensorator Diesel & Bent Expa	17,70,909	14,45,249
Joth & Uniform Exp.	2,66,17,501	1,95,76,358
fostel Exp.	1,49,15,122	70,23,105
forticulture And Plantation Exp.	2,23,86,049	43.81,499
	1,96,63,624	76,64,780
dedical Programme Exp	13.74,19,168	21.32.22.381



April James

Surplus of Incomes over Expenditure		94,20,87,751	82,08,16,34
Depreciation		39,12,94,820	39,55.54,37
Surplus Before Depreciation		1,33,33,82,570	1,21,63,70,71
S1-11/- D		1.0.3.3684	- van it sproger
Total Expenses		3,87,66,70,594	3,29,71,50,34
	Total	1,76,18,62,900	1,41,83,20,66
Advertisement & Publicity Expenses		24,59,66,809	19,19,29,30
GNIDA Lease Exp		79,42,745	79,42,7
Water Exp.		96,01,532	
Medical Camp Expenses		67,02,110	2
Parking Expenses		17,84,089	
Rebate & Discount		13,09,466	7,20,5
Software Maintenance Exps.		3,33,98,417	3,65,37,5
Insurance of students		24.73.740	44,81,1
Research & Development Exp.		4,73,95,215	3,71,51,5
Admission Cell & Promotion Exp.		9,29,69,897	4,72,85,2
Examination Exp.		1,78,83,094	1,34,54,2
Staff Recruitment Exp.		32.58.631	34,52,7
Membership Fees		25,41,768	21,78,4
Bus Charge Expense		2,24,23,730	1,55,8
Visit And Affiliation Exp.		48.72.155	1,23,74,7
Visit And Affiliation Fees		1,02,70,832	1,88,27,1
Study Tours & Travelling Exp		3,07,20,321	
Training & Placement Exp.		12,67,065	13,36,3 79,5
Telephone Exp.		71,75,062	12,19,6
Synergy Waste Exp.		2,84,56,753 9,32,457	2,56,45,2
Books for Students Exp.		2,34,79,054	1,16,64,4
Career Counseling Exp.	1	13,70,179	10,99,8
Student Welfare Exp.		20.89.42.162	14,80,53,8
Scholership to Students th, University	- 1	2,97,14,294	1,38,80,1
Stationary & Printing Exp.		8,20,17,093	6,20,58,8
Repairs And Maint. Equipments		45,02,500	24,72,6
Repairs And Maint, Building Repairs And Maint, Computer		17,91,49,037	15,30,35,6
Repairs And Maint, Furniture		3,31,02,704	1,22,81,3
Consultancy Charges Paid		2,26,73,639	2,09,37,7
Postage And Courier Exp.		2,78,692	2,49,4
Rent		98,70,402	1.04.64,1
Office & Misc. Exp.		23,57,135	17,42,
Meal & Diet to Patient		4,37,28,216	2,39,40,4
Library Exp.		2,37,216	1,19,5
Legal Aid Exp		18,58,088	60,57,3
Lab & Workshop Exp.		5,73,85,784	5,09,16,3
Journal & Subscription Exps.		1,80,84,173	2,08,56,3



11.4 Sustainable Practices

Sharda University has adopted a strategic and focused approach to implementing sustainable green practices on its campus, emphasizing environment-friendly activities that yield both immediate and long-term benefits. This comprehensive approach not only addresses ecological concerns but also integrates financial sustainability, positioning the university as a leader in environmental consciousness. By embracing a policy of continuous adoption of more robust green practices, Sharda University has demonstrated its commitment towards minimizing the carbon-footprint on and promoting sustainability on multiple fronts.

At the core of the university's green initiatives is the goal of minimizing pollution across various domains, including soil, air, water, and noise. To achieve this, the university employs eco-friendly practices designed to conserve natural resources and reduce the human carbon footprint. This effort is not limited to immediate pollution control but also extends to long-term environmental concerns. By implementing practices that reduce the environmental burden of human activity, Sharda University plays an active role in addressing the global challenge of minimising environmental degradation.

Beyond pollution reduction, the university is deeply committed to promoting environmental protection and supporting direct social engagement. Its sustainability initiatives are designed to ensure the preservation of biological diversity and the conservation of natural resources. This holistic approach reflects the university's endeavor that environmental protection should go hand-in-hand with the promotion of human well-being. In doing so, the university seeks to create conditions that ensure quality of life and health for all, reinforcing the idea that a healthy environment is critical to human development.

In addition to its practical efforts to conserve environment, Sharda University has also integrated environmental education into its academic framework. The university offers credit-based courses, programs, and training in environmental sciences, ensuring that students are well-versed in sustainability issues and equipped to make meaningful contributions towards environmental protection. By embedding these subjects into its curriculum, the university has positioned itself as an agent of social change, actively shaping a generation of students who are informed and motivated to address local and global environmental challenges. This educational focus ensures that the university's impact on the environment extends beyond its own campus, as graduates carry forward the principles of sustainability into their careers and communities. Sharda University is also committed to sustainable infrastructure development, ensuring that resource management and building projects are aligned with environmental sustainability principles. The university prioritizes the construction of green buildings and the adoption of energy-efficient technologies, which not only reduce the environmental impact of campus operations but also set an example for other institutions. This commitment to environmentally friendly infrastructure development reinforces the university's dedication to long-term sustainability.

Sharda University's comprehensive approach to sustainable green practices highlights its commitment to both environmental protection and social development. Through pollution minimization, the promotion of biodiversity, the integration of environmental education, and the

development of sustainable infrastructure, the university exemplifies a model of ecological responsibility. By fostering an environment that prioritizes sustainability, Sharda University continues to advance its role as a leader in environmental stewardship, equipping students and the wider community with the tools to address the pressing environmental challenges of the modern world.

11.4.1 Sustainable practices targets

Measure and set targets for more sustainable commuting (walking, cycling or other non-motorized transport, vanpools, carpools, shuttlebus or public transportation, motorcycle, scooter or moped, or electric vehicles)

Response: Yes

Sharda University, in line with global sustainability goals and to promote eco-friendly commuting options, has set some goals and targets through implementing certain directives, promotions, enhanced infrastructure, community participation etc. Following is the list of targets that Sharda university aims to achieve in the near future

- 1. Enhancing Infrastructure for Non-Motorized Transport: In addition to the already existing pedestrian walkways and pedestrian friendly traffic in the campus, the university is planning to add dedicated bike lanes and secure parking facilities for bicycles and scooters to encourage more students and faculty to opt for non-motorized transportation.
- 2. Promotion of Electric Vehicles (EVs): Sharda university has set a target for increasing the number of in house electric vehicles, planning for charging stations on campus and encouraging the use of electric cars, scooters, and bicycles.
- 3. Electrification of existing Shuttle Bus Service: Sharda university has a shuttle bus service that connects the campus with nearby residential areas and public transportation hubs, reducing the need for private vehicles and promoting the use of public transport among students, faculty, and staff. The university is in process of replacing all the diesel operated buses with E-Buses.
- 4. Encouraging Carpooling and Vanpooling: Sharda university is planning to Introduce incentive programs for carpooling and vanpooling, such as designated parking spaces for shared vehicles, reduced parking fees, or other incentives to encourage more people to share rides and reduce the overall number of vehicles commuting to the university.
- 5. Partnerships with Public Transportation Authorities: The university is proposing collaboration with local public transportation authority to improve the frequency and accessibility of public transport options connecting the university to different parts of the city or region, encouraging more students and faculty to use public transportation for their daily commute.

Also, to make sure effective implementation of these strategies, the university will establish a department for monitoring and reporting the achieved targets for sustainable development goals. By setting and achieving these targets, Sharda University aims to contribute to a more eco-friendly and sustainable.

Evidence:

Point 29: Green Practices for Commuting: The university shall continuously endeavour to adopt green practices in terms of transport and commuting like focusing on non-motorised transport, facilitating Electric Vehicles, usage of e-buses/CNG buses that are environment friendly, encouraging carpool and in the longer run focusing on collaborations with bus authorities for bus services.

Figure-40: Screenshot from the university policy on Environment and Energy usage/2022 version

11.4.2 Promote Sustainable Commuting

Undertake actions to promote more sustainable commuting

Response: Yes

Sharda University demonstrates its commitment to sustainability and encourages its students, faculty, and staff to adopt more eco-friendly commuting practices, thereby contributing to a greener and more environmentally conscious campus community. The university has a dedicated shuttle service for students, faculty and staff thereby reducing the overall carbon footprint at this account. University also promotes researches related to sustainable commuting which has resulted in at least two researches namely - Analysis of pedestrian behaviour near metro station, Pari chowk Greater Noida and Cycleway as an alternative way in Knowledge. Following are the details of the University shuttle services and the number of beneficiaries for the same –

S.No.	University Transport Details	Count
1.	University owned Buses	07
2.	Hired Buses	24
3.	Tempo Travelers	05
4.	Cars	15
5.	Ambulances	10
6.	Golf Cart	02
7.	Total Driver + Helper	43

Average Faculty and staff using bus services per month: 95

No. of Students: 700

Apart from these daily shuttle bus services, the university also facilitates its students and staff by providing them buses/cars for any outstation visits or site visits etc.

On an average about 110 student trips are organized per month by the university with daily on call services for the Sharda School of Medical Sciences and Research. The university also has established an E-bike rental and charging point in collaboration with **ZOGO**.

The university also aims at replacing all the diesel and petrol operating vehicles with either electric or CNG transmission vehicles.

Below are the details of the vehicles owned by Sharda University, which are used for different purpose:

Sr. No.	Vehicle	Registration no.	Fuel Type	User
1	Ertiga	UP16CM8616	Diesel	Staff Usage
2	Ertiga	UP16CM8617	Diesel	Staff Usage
3	Ertiga	UP16BH3207	Diesel	Staff Usage
4	Ertiga	UP16CD1983	Diesel	Staff Usage
5	Ertiga	UP16CD2065	Diesel	Staff Usage
6	Ertiga	UP16CH4093	Diesel	Staff Usage
7	Desire	UP16CB4428	Diesel	Staff Usage
8	Desire	UP16CL7725	Diesel	Staff Usage
9	Eco	UP16BF1620	Petrol	Staff Usage
10	Liva	UP16BJ0337	Diesel	Staff Usage
11	Honda City	UP16CR8669	Diesel	Staff Usage
12	KIA	UP16CQ7308	Diesel	Staff Usage
13	Maruti Alto	UP16CH6974	Petrol	Staff Usage
14	BUS	UP16CT9842	CNG	SU/SH - Students
15	BUS	UP16CT9843	CNG	SU/SH - Students
16	BUS	UP16ET6465	CNG	SU/SH - Students
17	BUS	UP16ET6466	CNG	SU/SH - Students
18	BUS	UP16ET6467	CNG	SU/SH - Students
19	BUS	UP16ET6468	CNG	SU/SH - Students
20	BUS	UP16ET6469	CNG	SU/SH - Students
21	ForceTempo Traveller	UP16ET9301	CNG	University Carriage
22	Force Tempo Traveller	UP16DT1982	CNG	University Carriage
23	Force Tempo Traveller	UP16ET0173	CNG	University Carriage
24	Force Tempo Traveller	UP16ET0174	CNG	University Carriage
25	Force Tempo Traveller	UP16ET0175	CNG	University Carriage
26	Eco	UP16CU8624	CNG	University Carriage
27	Eco	UP16CU8626	CNG	University Carriage
28	Dental Van	UP17D1887	Diesel	University Carriage
29	ICCU Ambulance	UP16FT1293	Diesel	Ambulance
30	Mammography Ambu.	UP16GT4044	Diesel/Petrol	Ambulance
31	Eco. Ambulance	UP16BT1 <mark>549</mark>	Petrol	Ambulance
32	Eco. Ambulance	UP16BT1978	Petrol	Ambulance
33	Eco. Ambulance	UP16BT88 <mark>05</mark>	Petrol	Ambulance
34	Eco. Ambulance	UP16BT8806	Petrol	Ambulance
35	Eco. Ambulance	UP16DT2170	Petrol	Ambulance
36	Eco. Ambulance	UP16DT4821	Petrol	Ambulance
37	Eco. Ambulance	UP16DT4784	Petrol	Ambulance
38	e-Cart	- \	Electric	Divyangjan/Aspirants Students
39	e-Cart	-	Electric Electric	Divyangjan/Aspirants Students

The pictures of Bus, ZOGO charging point and E cart are attached below:



Figure-41: EV_ On campus Golf Cart at Sharda University



Figure-42: ZOGO_E charging and renting station at Sharda University



Figure-43: Sharda University Shuttle Bus Service

11.4.3 Allow remote working

Promote or allow telecommuting or remote working for employees as a matter of policy or standard practice, or offer a condensed working week to reduce employee commuting

Response: Only in special circumstances

Currently, Sharda University does not have a structured policy provides for remote working arrangements for its faculty and staff. However, during the COVID-19 pandemic, the university effectively transitioned to a remote working model, enabling faculty and staff to work from home while students continued to engage in their studies through online platforms. This experience demonstrated the university's capacity to facilitate educational activities in a virtual environment.

As an educational institution, Sharda University places a high value on the physical presence and direct interaction between students and faculty, which are essential for fostering an enriching academic atmosphere. Nevertheless, the university has recognized the need to adapt to evolving work environments and is well-equipped to implement both online and hybrid models of instruction, ensuring that educational objectives are met without compromising on quality.

In line with this adaptability, Sharda University is actively exploring opportunities to promote telecommuting, particularly for departments that are not directly involved in teaching and learning activities. By adopting remote working policies in these areas, the university aims to enhance operational efficiency while contributing to sustainability initiatives. Telecommuting is also expected to reduce the carbon footprint associated with daily commuting, thereby aligning with broader sustainability goals.

Furthermore, the university plans to develop a structured framework that will guide the implementation of telecommuting practices, ensuring that remote work arrangements are both effective and conducive to maintaining the university's standards of excellence. This strategic approach not only aims to enhance work-life balance for faculty and staff but also underscores the university's commitment to promoting sustainable practices within its operational model. Through these initiatives, Sharda University aspires to lead by example in the higher education sector, embracing innovative work solutions while preserving the core values of education.

11.4.4 Affordable housing for employees

Provide affordable housing for employees

Response: Yes

Sharda University has established itself not only as a leading educational institution but also as an innovator in the realm of employee welfare. Recognizing the critical importance of stable housing for its workforce, the university has undertaken an initiative to provide affordable housing tailored specifically for its employees.

Demonstrating a strong commitment to cultivating a supportive and nurturing work environment, Sharda University has constructed a modern residential complex on campus. This facility is

designed to promote convenience and foster a sense of community among staff members, creating an atmosphere conducive to their personal as well as professional growth.

The employees who do not avail on-campus housing, are offered a House Rent Allowance at the rate as may be prescribed by the University, thereby supporting staff in securing suitable accommodations. This underscores Sharda University's concern to employee well-being and its recognition of the integral role that stable housing plays in fostering a productive and engaged workforce.

Sharda university provides affordable on-campus housing for the employees. Following are the details of employee residences at the university:

New Staff Quarter Block-27	Number of Quarters	Number of residents/Staff/family
1 BHK	0	0
2 BHK	14	18
3 BHK	18	38
Total	32	56
Old Staff Quarter Block-23	Number of Quarters	Number of residents/Staff/family
1 BHK	24	24
2 BHK	24	38
3 BHK	12	34
Total	60	96
Nursing Quarter Block-42	Number of Quarters/Rooms	Number of residents/Staff/family
Floor - 2nd	301	4
	302	6
	303	4
	304	6
	306	6
	307	4
	308	5
	309	4
	310	4
	312	4
	313	4
	314	4
Total	12	55
Floor - 3rd	401	6
	402	6

	403	6
	404	5
	406	6
	407	7
	408	3
	409	4
	411	3
	412	4
	413	4
	414	3
Total	12	57
Floor - 4th	501	0
	502	0
	503	4
	504	1
	506	0
	507	1
	508	2
	509	2
	510	0
	511	0
	512	2
	513	0
	514	1
Total	13	13





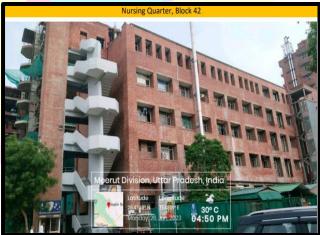


Figure-46: New Staff quarters Block 27

11.4.5 Affordable housing for students

Provide affordable housing for students

Response: Yes

Sharda University is dedicated to offering affordable housing solutions for both national and international students, recognizing the diverse needs of its resident population. The university has a comprehensive accommodation system that includes 11 hostels designated for both male and female students, comprising a total of 1,987 rooms in various configurations, including single, double, and triple occupancy basis. This extensive facility is designed to meet the housing needs of students from around the globe, including the national students from its 36 States/Union Territories.

Hostel allotment for newly admitted students operates on a first-come, first-served basis, contingent upon availability of rooms. For subsequent years, the accommodation in hostels is provided, subject to availability, on merit basis. The university's hostels are thoughtfully designed to create a supportive living environment that fosters harmony and cooperation among residents.

The overall ecosystem in hostels promotes an atmosphere conducive to personal growth and holistic development of inmates. It encourages social interaction and cultural exchange, allowing students to engage with peers from diverse backgrounds. By providing a safe and nurturing living space, Sharda University aims to enhance the overall student experience, facilitating academic success and personal well-being. Following are the details of the same:

S. No.	Name of Hostel	Reserved for(boys/girls)	Total Room Available	Total Seats	Student Residing
1101		ioi (bojsi giris)	Tivanasie	Seats	residing
1	Vivekan <mark>and</mark> Hostel	Boys	91	267	258
2	Tagore Hostel	Boys	91	267	260
3	Jawahar Hostel	Boys	112	224	216
4	Mandela Hostel	Boys	247	330	306
5	Vardhman Hostel	Boys	248	496	458
	Tota		789	1636	1498
6	Mandela Hostel	Girls	504	822	805
7	Sarojni Hostel	Girls	147	277	269
8	Kasturba Hostel	Girls	147	277	265
9	Mother Teresa Hostel	Girls	30	50	40
10	Indira Hostel	Girls	250	592	592
	Tota		1078	1966	1971
11	PG Hostel	Common	120	370	329
	Tota		1987	3972	3798

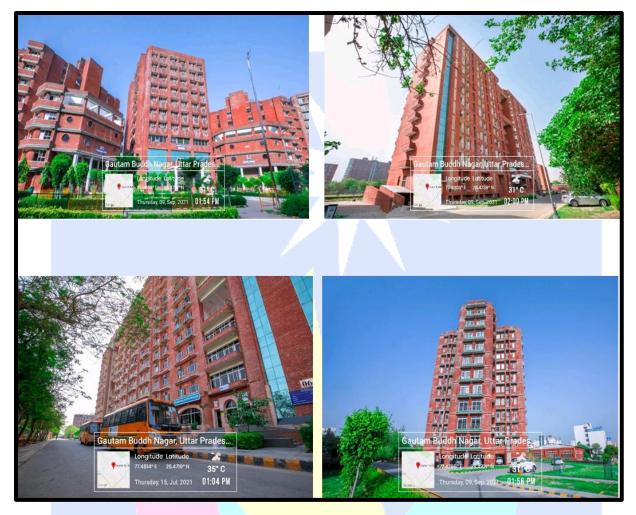


Figure-47: University student residences

11.4.6 Pedestrian Priority on Campus

Prioritise pedestrian access on campus

Response: Yes

Sharda University places a high priority on the safety, convenience, and accessibility of pedestrians within its campus environment, aligning with the principles of Sustainable Development Goals, which emphasizes the importance of making cities and human settlements inclusive, safe, resilient, and sustainable. To this end, the university has implemented a comprehensive pedestrian priority policy that significantly enhances the overall campus experience.

The development of designated multilevel parking facility, alongside well-structured walkways, footpaths, and crosswalks, has effectively mitigated the potential hazards associated with vehicular traffic. This strategic planning helps in creating a safer and more navigable environment for all the campus users. The basic norms in this regard is encouraged to follow 'No Horn Please' culture

By establishing pedestrian-friendly pathways and open spaces, the university has not only improved safety but also fostered better connectivity among various areas of the campus. These enhancements encourage meaningful interactions among students, faculty, and staff, promoting a vibrant and cohesive academic community. It has resulted in a more inclusive campus culture, where individuals freely engage, collaborate, and participate in shared activities.

Through these efforts, Sharda University demonstrates its commitment to creating a sustainable campus that prioritizes pedestrian needs, thereby enhancing the quality of life for all its members while supporting the broader goals of sustainable urban development.



Figure-48: Pedestrianized Area



Figure-49: Traffic Barriers to Restrict Vehicular Movement



Figure-50: Pedestrianized area



Figure-51: Vehicular and Pedestrian Segregation at the Entry Points

11.4.7 Local Authority Collaboration Regarding Planning and Development

Work with local authorities to address planning issues and development, including ensuring that local residents are able to access affordable housing

Response: Yes

The university keeps working in constant collaboration with the local authorities through various collaborative and community-oriented approaches. The university also runs a community connect programme under which students and faculty of the university promote deeper interactions between university and local communities for identification and solution of real-life problems

faced by the communities in a spirit of mutual benefit. Following are the collaborative MoU's signed by the university with local authorities -

Year	School	Department	Name of the Organization with whom MoU is signed	Duration (Yrs)	MoU Document
2022- 2023	University	University	Greater Noida Industrial Development Authority	03 Years	https://ezone.sharda.a c.in/ezone- 2022/admin/naaccrite ria/getpdfdetails/naac criterias_pdf-N2022- 2023:criteria_3.7.2:M OU_Greater_Noida Authority1pdf
2022- 2023	Sharda School of Business Studies	Management	Laghu Udyog Bharti, MSME, Greater Noida	03 Years	https://ezone.sharda.a c.in/ezone- 2022/admin/naaccrite ria/getpdfdetails/naac criterias_pdf-N2022- 2023:criteria_3.7.2:L BU_MSME- MOU.pdf
2022- 2023	Sharda School of Law	Law	The District Probation Officer, Gautam Budh Nagar	01 Year	https://ezone.sharda.a c.in/ezone- 2022/admin/naaccrite ria/getpdfdetails/naac criterias_pdf-N2022- 2023:criteria_3.7.2:M OU_with_District_Pr obabation_Officer.pd f

Following are the collaborative events done by the university with local authorities –

Year	School	Department	Name of the Activity	Collaborating Agency	Event Document
2022-	School of	Dental	Community	SDS Sharda	https://ezone.sharda.ac.
2023	Dental	Sciences	Oral Health	University & Gram	in/ezone-
	Sciences		Awareness	Panchayat of nearby	2022/admin/naaccriteri
		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Program	Villages	a/getpdfdetails/naaccrit
					erias_pdf-2022-
					2023:criteria 3.6.3.x:1s
					t August to 30 Septe
					mber2022-
-					Oral_Health_Awarenes
					<u>s.pdf</u>
2022-	School of	Nursing	world	panchayatan village,	https://ezone.sharda.ac.
2023	Nursing	Sciences	diabetes day	Gautam Buddh Nagar	<u>in/ezone-</u>
	Science				2022/admin/naaccriteri

	and Research				a/getpdfdetails/naaccrit erias_pdf-2022- 2023:criteria_3.6.3.x:W
2022-2023	School of Nursing Science and Research	Nursing Sciences	World Aids Day	Rauni Village, Greater Noida	orld Diebetes Day.pdf https://ezone.sharda.ac. in/ezone- 2022/admin/naaccriteri a/getpdfdetails/naaccrit erias_pdf-2022- 2023:criteria_3.6.3.x:W orlds_Aids_Day.pdf
2022-2023	School of Law	Law	Free Legal Aid cum Literacy Camp at Patwari, Local Village, GB Nagar	District Legal Services Authority, (DLSA) District Court, Gautam Budh Nagar	https://ezone.sharda.ac. in/ezone- 2022/admin/naaccriteri a/getpdfdetails/naaccrit erias_pdf-2022- 2023:criteria_3.6.3.x:E CR_07- 01_2023_Free_Legal Aid_cum_Literacy_Ca mp_at_Patwari_LocalVillage_GB_Nagar.p df
2022-2023	School of Law	Law	Free Legal Aid cum Warm Cloth donation drive at Old Age Home, Village Dhankaur, GB Nagar	District Legal Services Authority, (DLSA) District Court, Gautam Budh Nagar	https://ezone.sharda.ac. in/ezone- 2022/admin/naaccriteri a/getpdfdetails/naaccrit erias pdf-2022- 2023:criteria 3.6.3.x:E CR 11-01- 23 Free Legal Aid cu m Warm Cloth donati on drive at Old Age Home Village Dhank aur GB Nagar.pdf
2022-2023	School of Nursing Science and Research	Nursing Sciences	NATIONAL IMMUNIZA TION DAY	ANGANWADI SCHOOL PANCHAYATAN VILLAGE	https://ezone.sharda.ac. in/ezone- 2022/admin/naaccriteri a/getpdfdetails/naaccrit erias_pdf-2022- 2023:criteria_3.6.3.x:E vent_completion_report .pdf

1. Cycleway as an alternative way in Knowledge Park III

ABSTRACT: Pedestrian traffic accidents have become a severe safety issue around the world, particularly in emerging nations, due to increased population density, rapid urbanization, and insufficient attention to traffic laws by both drivers and walkers. Oncoming automobiles in the

traffic flow are needed to pause in order to gain priority at the pedestrian crossing due to a lack of attention to pedestrian passing traffic limitations. Unrestricted motor vehicle mobility is indicated by unlimited bends, flyovers, and grade separators, putting people in danger. Enhance the speed of motorized vehicles to increase capacity and encourage a continuous flow, reducing their waiting time. Traffic accidents are caused by a variety of variables including road layout, vehicles, and pedestrians, including their interactions. The behavior on crossing of a pedestrian were observed in provision of adequate pedestrian services in the desirable place, including the improvement of their safety when passing the road. The results were achieved by analyzing pedestrian crossings before and after implementation. Pedestrians, as being the most vulnerable road users, this paper is mainly concerned about the behavior or act of pedestrian while crossing the road. The study area for this paper is taken near by the Pari chowk metro station, Pari chowk, Knowledge Park-3, Greater Noida, UP, India. On the basis of pedestrian count and their behavior, the study was done. Excessive speed, inefficient driver skill, failures to give pedestrians priority, drivers not respecting the right-hand rule, pedestrians not respecting traffic rules, drivers not respecting other road users, inadequate pedestrian awareness of traffic safety problems, due to poor road safety furniture, lack of sufficient walkway, and narrow streets are among the major contributing factors for road traffic violations in the study area. The findings also demonstrate that some local government actions, such as putting rumble strips and speed breakers in specific high-traffic locations and providing road users, particularly pedestrians, with training at schools and religious institutions, have reduced the number of traffic accidents.

2. Analysis of pedestrian behaviour due to improper conduct near metro station, Pari Chowk, Greater Noida

ABSTRACT: Cycleway has been used as an alternative way in many parts of the world. And lately it has been implemented in India as well. Places like Bengaluru, Pondicherry, and Chennai etc. have been using such modes for transportation for a while now. The scope of this idea being implemented in Knowledge Park is immense as the crowd over here is very suitable for this. The majority of people in this region are students. Cycling can be a low cost, less virus transmitting mode of transportation. Also due to the small size of the targeted place (Knowledge park), this can be implemented more effectively and more people are likely to participate. There is increase in cycle use, and it is obvious that these gains are supposed to arise from individuals opting to pedal rather than drive. As a result of the growing interest, there are likely to be more demands for thorough examination of proposed schemes in terms of increased cycling levels, modal shift, and, ultimately, quantitative benefits to present and future cyclists. Local governments and others must be able to analyse cycling facilities in order to determine whether or not to invest in them and, in the event that finances are restricted, to choose between several systems. The models developed as a result of the study discussed in this paper are expected to be used to evaluate various cycle facilities and proposed schemes, estimate modal share repercussions, and assess investment benefits.

3. 5th Technovation Hackathon & Innovation Budge 2023

In addition to its research collaborations, Sharda University actively promotes technological innovation through the organization of a technical event known as the "Hackathon." This event focuses on advancing the concept of smart cities, encouraging participants to develop practical solutions that address contemporary urban challenges.

During the Hackathon, students were tasked with exploring a range of critical themes aimed at enhancing urban living. The key focus areas included:

- Smart Health and Hygiene
- Smart Safety, Security, and Surveillance
- Smart Transportation and Pollution Control
- Sustainable Amenities and Facilities Design
- Smart Citizen and Governance

The event saw robust participation, with over 2,400 students contributing their ideas and expertise. Recognizing the outstanding contributions of participants, the university awarded prizes valued at ₹3.5 lakh, further incentivizing creativity and innovation among students.

Through such initiatives, Sharda University demonstrates its commitment to fostering a culture of technological advancement and collaboration, while also equipping students with the skills and knowledge necessary to contribute to the development of sustainable urban solutions.

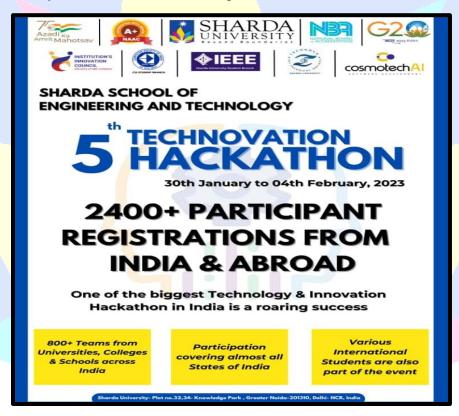


Figure-52: Poster_Hackathon 2023



Figure-53: Hackathon_Sample certificate

11.4.8 Planning Development - New Build Standards

Build new buildings to sustainable standards

Response: Yes

Sharda University has made substantial strides in its commitment to sustainable development by constructing new buildings that adhere to rigorous environmental standards. As a result of its sustainable practices, Sharda University was ranked 23rd across India in the Green Institutional rankings, 2023. With a comprehensive focus on minimizing its ecological footprint and fostering sustainable practices, the university has incorporated several key strategies and principles into its construction processes.

Sharda University is dedicated to advancing building standards and practices that foster the development of energy-efficient and sustainable structures, significantly reducing energy consumption and promoting the use of clean energy. The Indian Green Building Council (IGBC) has established the GRIHA (Green Rating for Integrated Habitat Assessment) assessment system to evaluate the environmental performance of buildings across India. This initiative aims to encourage the design and construction of buildings utilizing sustainable and energy-efficient methodologies.

The recent certification of Sharda University's newly constructed building by GRIHA signifies that the structure incorporates sustainable features and adheres to environmentally responsible practices. The GRIHA framework emphasizes several critical elements that contribute to a building's overall sustainability.

To minimize energy consumption, buildings are required to integrate energy-efficient technologies, such as superior insulation, solar panels, and energy-efficient lighting systems. In addition, the implementation of water conservation measures is paramount; thus, GRIHA-certified buildings should include facilities for wastewater treatment, rainwater harvesting systems, and water-efficient fixtures to optimize water resource management. The planning and selection of the building's site are also essential components of the GRIHA criteria. Consideration must be given to the building's accessibility to public transit, waste management systems, and green spaces. These elements collectively help to reduce pollution and create a healthier environment for occupants.

Furthermore, the choice of materials is critical to the sustainability of the building. GRIHA encourages the selection of materials based on their life cycle impacts, advocating for the use of low-carbon and sustainable resources, as well as minimizing waste generation throughout the construction process. To ensure a healthy and comfortable living environment for occupants, GRIHA standards mandate that buildings provide excellent thermal comfort, natural lighting, and high indoor air quality. By adhering to these principles, GRIHA-certified buildings at Sharda University not only create healthier spaces for students and staff but also mitigate environmental impacts and promote sustainable development. Through these comprehensive efforts, Sharda University exemplifies its commitment to environmental stewardship and the advancement of sustainable practices in the realm of higher education infrastructure.

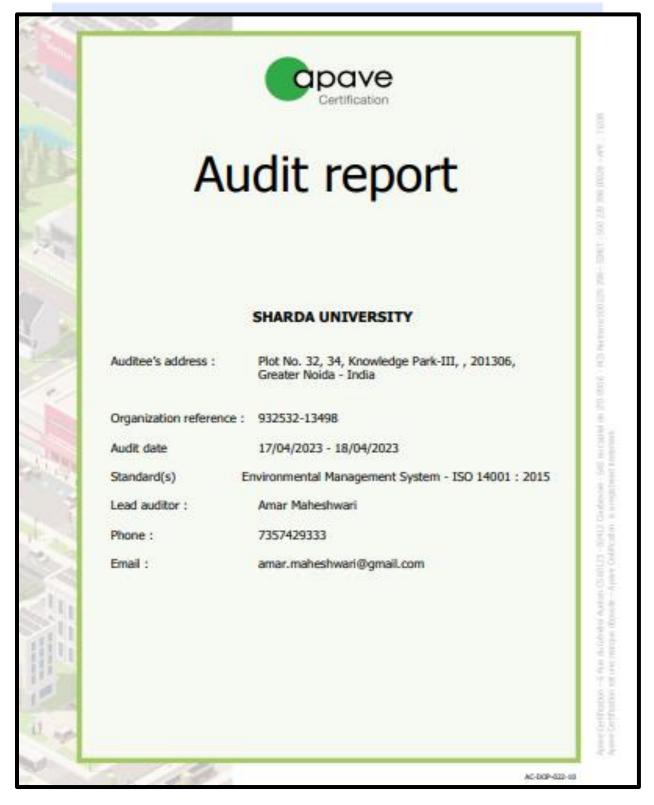
First and foremost, Sharda University has embraced the concept of green building design, integrating energy-efficient technologies, renewable energy sources, and eco-friendly materials into the construction of its new buildings specially the under-construction building of Cancer hospital at the university which has already received GRIHA – Pre certification. By leveraging advanced architectural techniques and sustainable building materials, such as recycled steel and energy-efficient glass, the university ensures that its infrastructure aligns with the principles of environmental conservation and resource efficiency.

Evidence:



Figure-54: Green Institutional ranking certificate_2022 which is valid for 3 years

Following is the **Apave certification audit report** of Environmental Management Systems at the university –





Summary

0000000

Presentation	2
General comments of Lead auditor	4
Background	5
Closing meeting	8
broardices	10

Confidentiality clause :

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Organization reference: 932532-13498

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AC009-023



Audited organization

Name : SHARDA UNIVERSITY

Address : Plot No. 32, 34, Knowledge Park-III,

201306, Greater Noida

India

Representative's : Prof. Emeritus Dr. Saleem Siddiqui; Chairman, Green Practices Committee (M: 9416397847) and Mr. Shyam Sunder Sharma, S E (Maintenance)- M:

8650931332

Phone : E-Mail : saleem.siddiqui@sharda.ac.in

shyam.sharma@sharda.ac.in

Audit

Type of audit: Surveillance-2

Scope of activities audited

Providing Education Courses in Diploma, Graduation , Post-Graduation , Integrated Level , Doctorate Level in Various Field.

Certification standard

Environmental Management System - ISO 14001 : 2015

Date(s) and duration of the audit

17/04/2023 - 18/04/2023 - 1,50 days

AC00P-023-W

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Brief presentation

Sharda University, Greater NOIDA with a 63 Acre area campus, has implemented and maintained EMS in line with requirements of ISO 14001:2015 The EMS Policy is reviewed after consultation with all stakeholders and objectives set to further the aim of educational requirements by preventing pollution and enhance the environmental performance and community awareness on EMS requirements. Operational controls in place to achieve the EMS Objectives and further improvements by monitoring, internal audits and reviews by the management. It has student hostels, faculty residences, Colleges for various fields including Medical education with 700 bed Multi speciality Hospital.

Major EMS issues are: Solar energy use, General (by composting) and Hazardous (E-waste, Biomedical waste, Oily rags and ETP sludge) waste management through the outsource agencies approved by UPPCB. Air & water consent valid til 31/12/22. UNEP collaboration team and NSS set up spread of EMS importance in community. ETP and STP in place, Green Building concept adopted in new constructions in Block 4 a new Solar Power roof top established. Conservation of water, wood, paper and power and reduction in use of plastic are focused. A 1200 bedded Cancer Hospital is coming up with separate STP-STP set up.

Site(s) audited / Remote audit

SHARDA UNIVERSITY Plot No. 32, 34, Knowledge Park-III 201306 Greater Noida

Specificities (sampling, methodology, temporary site(s))

Remote audit tools: NA

Composition of the audit team

Name	Role	Stage 2 audit (day)	Stage2 Dates	Off Site	Total Days
Amar Maheshwari	Lead auditor	1,50	17/04/2023 18/04/2023	0,50	2,00

Date of report writing by the Lead auditor

18/4/2023

ACCOUNTED IN

Organization reference: 932532-13498

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Executive summary

The management was found committed to EMS and continual improvements by regular reviews at various forums and periodical intervals. Audits and inspections by internal teams and external bodies like Sustainability Institutions Forum.

Environmental aspects and impacts identified and updated for risk and opportunity analysis. EMS Policy reviewed after consultation with all stakeholders and objectives set to further the aim of educational requirements by preventing pollution and enhance the environmental performance and community awareness by NSS and events for the community in nearby villages on EMS requirements. Operational controls found in place to achieve the EMS Objectives and further improvements by monitoring, internal audits and reviews by the management.

The University has maintained EMS in line with requirements of ISO 14001:2015 by reviewing the needs and expectations of internal and external stakeholders and issues that impact the EMS.

Mock drills in presence of local government authorities conducted. Fire fighting systems are maintained. Air Quality Monitoring station is set up having online connectivity with the government of UP for Env monitoring deptt at Lucknow.

Environmental monitoring is done at six monthly thru M/s Envirotech and reports submitted to UPPC8 regularly in time. There is no complaint from any stakeholder on EMS issues. CCTV cameras are used in campus to detect any violation of EMS requirements. 20 KLD ETP and 300 KLD STP maintained and discharge water is used in toilets and irrigation purposes. More than 1400 saplings plantation was done on Van Mahotsav.

General comments of Lead auditor

Strength: practices, methods, techniques or organization exceeding the requirements of (the) standard(s).

Processus, department and/or site	Ref	5	Findings
Site-Infrastructure	ISO 14001	10.3	Increased Solar power generation area
Site - Infrastructure	ISO1 4001	10.3	Increased and improved composting area

Identified line of work: identified line of work on which the company can progress.

Processus, department and/or site	Post	5	Findings
Operations	190 14001	8.1	Date of Cleaning of Solar panels could be recorded for better monitoring

Weakness: alert on points at the limit of the non-satisfaction of requirements of standard(s), which may not achieve in the short or medium term

Processus, department and/or site	Ref	5	Findings
			NII

AC007-023-8

Organization reference: 932532-13498

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Information about the outsourced processes: Facility maintenance, Catering, Security , House Keeping	Background		
If the realization of the product or service is done on the basis on team work Description of the organization and activity of the teams : Single Shift Justification if all teams are not audited : NA Significant changes since last audit: NIL. Incidents have occurred since last audit : NIL. Regulatory requirements for the organization activities: No Notice recd. From any authority Notices or minutes current NA. yes No Comments regarding the use of the mark – Not used The organization uses the right to use the certification mark issued by Apave Certification: yes no The mark is used in a clear and sincere way: yes no The regulation for use of the certification mark is respected yes no Evidence :	Justification for exclusion requirements : NA		
Description of the organization and activity of the teams : Single Shift Justification if all teams are not audited : NA. Significant changes since last audit : NIL. Incidents have occurred since last audit : NIL. Regulatory requirements for the organization activities: No Notice read. From any authority Notices or minutes current NA	Information about the outsourced processes: Facility maintenance, Catering	, Security , Ho	use Keeping
Significant changes since last audit: NIL. Insidents have occurred since last audit: NIL. Regulatory requirements for the organization activities: No Notice read. From any authority Notices or minutes current NA	•		
Incidents have occurred since last audit : NIL. Regulatory requirements for the organization activities: No Notice recd. From any authority Notices or minutes current NA	Justification if all teams are not audited : NA		
Regulatory requirements for the organization activities: No Notice recd. From any authority Notices or minutes current NA	Significant changes since last audit: NIL		
Notices or minutes current NA	Incidents have occurred since last audit : NIL		
Comments regarding the use of the mark – Not used The organization uses the right to use the certification mark issued by Apave Certification: The mark is used in a clear and sincere way: The regulation for use of the certification mark is respected Evidence: Handling of client and/or interested parties claims/complaints sent to Apave Certification—	Regulatory requirements for the organization activities: No Notice recd. From	n any authority	Ĺ
The organization uses the right to use the certification mark issued by Apave Certification: The mark is used in a clear and sincere way: The regulation for use of the certification mark is respected yes no Evidence: Handling of client and/or interested parties claims/complaints sent to Apave Certification—	Notices or minutes current NA	yes	⊠ no
The regulation for use of the certification mark is respected yes no Evidence : Handling of client and/or interested parties claims/complaints sent to Apave Certification-	The organization uses the right to use the certification mark	yes	⊠ no
Evidence : Handling of client and/or interested parties claims/complaints sent to Apave Certification-	The mark is used in a clear and sincere way:	yes yes	no
		yes	no
Organization reference: 932532-13498 Page 5 / 13	No complaint reed so far.	Certification-	



Audit conclusions

Nonconformity report(s)

Number:	Issued	Closed	To be checked next audit
Major	0	0	0
Minor	0	0	0

Nonconformity report(s) from previous audits

Number	Processed and attached	Extended in NC
0	0	NA

Audit objectives Objectives audit as yes no	indicated in the audit plan have been reached: Comment(s):		
Scope of certificat The scope of certific Syes no	ion cation is accurate with activities and audited site(s): Comment(s):		
In case of remote audit Adequacy of the tools used and audit duration: NA yes no Comment(s):			

AC009-023 III

Organization reference: 932532-13496

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Review of the management system from audited standard(s)

Adequacy: Organization adequately addressed all the clause as per ISO 14001:2015.

Conformity: Satisfactory

Implementation: Satisfactory

Effectiveness: Overall system found effective

General synthesis

Environmental description of Sharda University-Surveillance audit-2- The university, has single site and has implemented EMS, involving educational processes, campusmanagement, solar power generation for captive use, community reach by NSS activities, etc. Environmental aspects and impact analysis was found reviewed regularly and ongoing by the Green Practice Committee.

Use of life cycle concept: Environmental aspects of the organization are identified and significant aspects determined by adopting a documented criteria from a life cycle standpoint - upstream phases (e.g., purchasing, storage of raw material, fuel etc.), main process of educational classes and student hostels management downstream phases (e.g., community reach, waste handling, awareness on EMS, creating green area by plantation). Disposal of Bio Medical and E- waste to authorised agency, general waste to the recyclers.

Environmental impacts mitigation- Air pollution and noise by DG set operation and waste generation at Hostels, biomedical waste at medical college hospital, land contamination by waste disposal system. Opportunities of conservation of power by use of solar energy, no use of plastic products and fuel are identified and implemented.

Compliance obligations-All applicable legal requirements pertaining to CPCB, UPPCB, Indian electricity act and rules are complied with. All licences and autorisation found up to date.

- Stakeholders needs & expectations- Periodic submissions and communication with statutory and regulatory bodies as well external providers is maintained as per the required frequency. Community reach to create EMS awareness is focus thru student teams.
- . Change management- No major change in last one year

K-00P-0338

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Closing meeting (1/2)

Activities to appear on the certificate / scope - in audit language	Providing Education Courses in Diploma, Graduation, Post-Graduation , Integrated Level , Doctorate Level in Various Field.
	Confirmed : ⊠ Modification :
Activities to appear on the certificate / scope - in english language (if	
different)	Confirmed : Modification :
Corporate name covered by the certificate	SHARDA UNIVERSITY
by the certificate	Confirmed : ☑ Modification :
Number and address(es) of site(s) covered by the certificate	SHARDA UNIVERSITY Plot No. 32, 34, Knowledge Park-III 201306 Greater Noida
	Confirmed : Modification :

AC009-03-8

Organization reference: 932532-13498

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Closing meeting (2/2)

Number of devia	tions found :	
τ	0] Major Nonconformity(ies)	[0] Minor Nonconformity(les)
Comments of au	dited organization	
The audit has be	en value adding process	
content of nonce	onformity report(s) and may mentic	ing read the content of the present minutes and the on his possible disagreement knowing that only the awarded or maintained or renewal or extended.
	zation representative's initials :	
		sited, and answers provided to questions asked, the have completed their assignment in satisfactory
		s of the audit team or the employer responsible for allon after the certificate(s) is awarded.
Auditor(s) initia	d(s): Dr Amar Maheshwari	Storme
Date: 18/4/202	3	

AC009-0338

Organization reference: 932532-13498

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Appendices

Principles: YES

Nonconformity report(s): NA

Presence sheet: YES

Audit plan done: YES

Review of the duration calculation elements: YES

AC00P-023/8

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PRINCIPLES

Definition of different categories of audit findings.

Strong Point

Element of the Management System on which the organization is beyond the requirements of the standard, or is distinguished by a practice, method or technique.

Sensible point

Element of the Management System on which audit evidence shows that the organization, currently compliant, may no longer meet the requirements of the standard in the short or medium term.

Sensible point does not require corrective actions but will be re-evaluated at the next audit.

Line of work

Identified path on which the organism can progress.

Major Nonconformity

Non-fulfillment of a requirement of the standard that affects the ability of the management system to achieve the expected results.

Nonconformity is classified as major if there is significant doubt as to whether an effective process control is in place or whether products or services will fulfill the specified requirements.

A certification cannot be issued, maintained or renewed as long as there remains a Major Nonconformity not cleared.

A set of Minor Nonconformity on the same theme can be considered as constituting a Major Uncertainty not cleared.

Minor Nonconformity

Non-fulfillment of a requirement of the standard that does not affect the ability of the management system to achieve the expected results.

A certification may be issued, maintained or renewed in the presence of minor nonconformities

Purpose and content of the different audits of the certification cycle

Audit Step 1:

In-depth preparation on site. It is systematically carried out during the initial certification or during a major change in the organization and consists of

- review the documented information of the management system.
- assess the location and specific conditions of the site(s) and create an opportunity for

information exchange with staff to determine the level of readiness for the Stage 2 audit,

- carry out a review of the requirements of the standard(s), in particular as regards the identification of key performance, processes, objectives and operation of the management system.
- obtain the necessary information concerning the scope of the management system, the site(s) to be audited, the processes and equipment used, the established levels of control (especially in the case of multisite) and the applicable legal and regulatory requirements.
- review the allocation of resources and agree on the details of the Stage 2 audit,
- determine whether the internal audits and the management review have been planned and carried out and whether the level of implementation of the management system attests that the organization is ready for the Stage 2 audit.
- prepare a draft of stage 2 audit plan.

On-site audit (Step 2):

On-site audit of the management system carried out by the audit team according to the plan defined in Step 1. It covers the following elements:

- information and evidence relating to the compliance with all the requirements of the management system standard(s),
- monitoring, measuring, reporting and reviewing performance against key performance targets and targets,
- the suitability of the organization's management system and performance in meeting the applicable legal, regulatory and contractual requirements,
- operational control of the organization's processes,
- · internal audits and management review,
- the responsibilities of the management regarding the policies of the organization,
- the links between standards requirements, policy, performance objectives and targets, applicable legal requirements, responsibilities, staff competencies, operations, procedures, performance data and the results and conclusions of internal audits.

Surveillance Audit:

On-site audits that are not necessarily audits of the entire system. They are planned in such a way that the areas and representative functions covered by the management system are regularly monitored. They take into account the changes that occurred during the year. It covers the following elements:

Organization reference: 932532-13498

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PRINCIPLES

- · internal audits and management review,
- review of the actions taken with regard to the non-compliances identified during the previous audit.
- . the handling of complaints,
- the effectiveness of the management system in relation to the achievement of the objectives of the certified body and the expected results of the relevant management system.
- the progress of planned activities for continuous improvement.
- · continuous operational control,
- · review of any changes made,
- use of trademarks and / or any other reference to the certification(s).
- It is programmed within 12 months from the certification decision date and once per calendar year.

Renewal audit:

On-site audit to ensure that the management system remains compliant with the standard(s), and that it is applied and effective.

It is scheduled for the 36th month after the certification audit, and approximately 2 months before the end of validity of the certificate(s).

Certification deadlines

Closing meeting > sending report and nonconformity	1 week
Nonconformity > Proposed actions	90 days
Proposed actions > Proofs analysis	1 week
Decision	2 weeks

ACDOM (ED.)

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Figure-55 to 67: Sharda University_ Apave Certification Audit Report

11.4.9 Building on Brownfield Sites

Build on brownfield sites, where possible

Response:

Sharda University could not initially develop on a brownfield site due to several key factors related to the condition of the land and the university's status as a new institution. The land in question was previously barren and lacked the necessary infrastructure and facilities for immediate use as a university campus. Developing on brownfield sites typically involves reclaiming previously used land, which requires extensive remediation efforts if contamination is present. Since the land at Sharda University was not previously developed, it did not present the typical characteristics of a brownfield site that would require such remediation. Given its status as a new institution, Sharda University prioritized creating modern facilities designed to meet contemporary educational needs. Developing on a barren site allowed for tailored planning and construction that could directly address the university's vision, rather than working within the constraints of pre-existing conditions associated with brownfields.

Future Vision:

As Sharda University matures and aligns itself with SDG's, it recognizes the potential for sustainable development by focusing on brownfield areas that may have come up within its campus during the last two decades or so. This future vision includes:

- Sustainable Practices: As the university grows, it aims to incorporate sustainable practices into the redevelopment of any brownfield sites that may become available, ensuring that such efforts align with environmental conservation goals.
- Resource Optimization: The university plans to utilize existing brownfield spaces for new facilities, enhancing the campus without expanding its footprint and thereby minimizing the ecological impact.
- Community Integration: By redeveloping brownfield sites, Sharda University can contribute to the revitalization of the campus environment and the surrounding community, fostering a more integrated and supportive atmosphere for students and residents alike.

The University has since strategically planned for the future. The university's commitment to remodelling and reusing newly identified brownfield areas highlights its dedication to sustainable development and environmental stewardship as it continues to grow.





RESPONSIBLE CONSUMPTION AND PRODUCTION



12.1 Responsible consumption and production

Sharda University is a quality conscious institution and focuses on sustainable environment incorporating the process and practices supporting the responsible consumption and production in the campus. The University has installed automated devices to optimize the energy and water consumption. The stakeholders including students, faculty and staff are motivated to reduce the consumption by intelligent use of instruments, lights, fans, ACs, etc. during their stay in the campus or in hostels. Plantation and landscape maintenance helps to have the clean and green campus bringing the temperature down and dust free air in the campus enabling the reduced requirement of ACs during summer. Similar other practices, like smart use of state-of-the-art Labs, solar and biogas energy generation, STPs, anti-smog gun, etc. maintains the culture of responsible consumption and production in the University campus.

Publisher Count of Publication

Sharda University regularly participates in research work and publication of research findings in the form of research articles in reputed journals. The faculty and students are provided with state-of-the-art laboratories and essential facilities to research at global level in scientific, social sciences, education, medical, nursing and agricultural sciences. The following numbers of publications are distributed across the various prestigious journals.

Publisher	Count of Publication
PubMed	149
SCI	130
Scopus	2435
UGC care	302
Web of Science	402
Other	167
Total	3585

12.1 Research on responsible consumption and production

University Practices

In the 63 acres' area of Sharda University about 20,000 humans including students, faculty, staff and visitors in day time interact for various activities, like studies, lab experiments, vendor services, and supporting services, etc. University is an institution of higher learning and responsible for social change and orientation to impact local and global environment. Since its inception the University has grown as global institution in NCR region offering the 130+ programme to the national and international students from 95+ countries from the world. Hence, for the University it is essential to adopt and promote the green practices for a sustainable environment.

Reduced use of traditional electricity

The University regularly arranges to reduce the consumption of electricity for lighting, air-conditioning, lifts, water mining, instruments and other gadgets through various automated devices and strategies as follows:

By installation of smart LED lights, BLDC fans, and Star ranked ACs the consumption of energy is significantly controlled. Practice behaviour that while leaving the room for more than five minutes it is essential to switch off the lights and fans and if more than 30 min then switch off the ACs as well helps to reduce the energy consumption in the campus.

Installation of motion sensors in common areas and washrooms throughout the campus to reduce the consumption of energy when the area is not occupied for more than three minutes. This furthermore saves the ample amount of energy.

Installation of time-controlled switch for street lights: Time-controlled switch for street lights helps to switch off the street lights in the campus while there is no need of light on the roads. This practice supports to reduce the significant amount of consumption of energy.

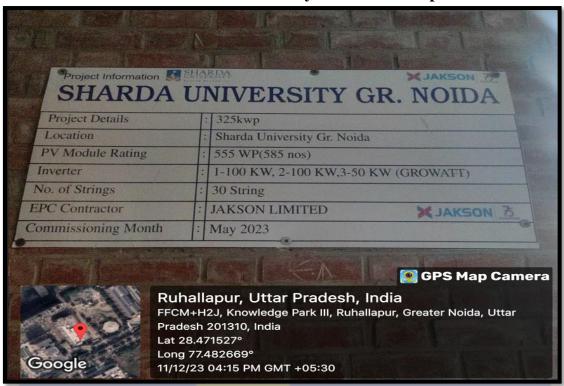
Innovation and Increase in generation and utilization of renewable energy

Sharda University has installed solar system on the top roof of its every building to support the energy demand of the building. Till now University has successfully enabled the **1.54MW** solar energy plant which helps in day-time to save the energy from the grid. The University could win the first position award for energy conservation in a state level competition organized by Uttar Pradesh Government. In fact, the University is in the process to install more solar plant for its new building of cancer hospital so that energy demand can be managed smartly to reduce the consumption of traditional energy.

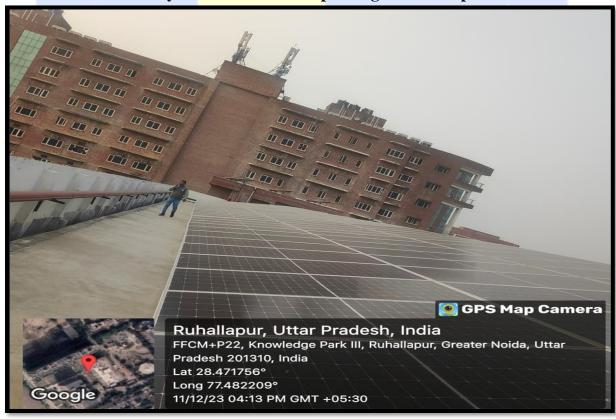


Bird-eye view of solar system in the campus

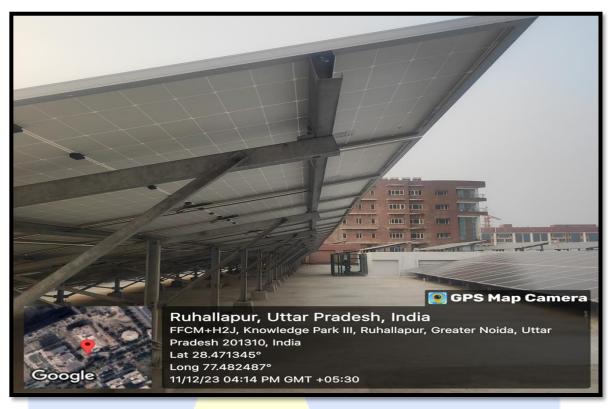
Recent addition of Solar system in the campus



Solar system on multi-level parking in the campus



Solar system on multi-level parking in the campus



Sensor-based energy conservation



SHARDA UNIVERSITY				
List of mot	List of motion detector sensors to control the lights automatically			
S. No.	Location	Number of sensors		
1	SDS(Dental) Block-21	39		
2	Block 1	24		
3	Block 2	31		
4	Block 3	24		
5	Block 4	26		
6	Block 7	27		
7	Medical Block	65		
8	Library	173		
9	F-Block	50		
10	E-Block	29		
11	F-Block (Blood Bank)	21		
12	D- Block	10		
13	A-Block	10		
14	B-Block	8		
Total Nos of Sensors = 537				

Use of LED bulbs/BLDC Fans and power-efficient equipment



Use of LED bulbs/ BLDC Fans and power-efficient equipment







Reduction in use of water

Water is most important natural resource for sustaining the life on earth. A lot of water is wasted due to improper usage patterns and inefficient dispensing and storage systems. The following steps are will be taken to reduce the quantity of water used:

- Sprinkler and drip irrigation systems are used irrigation of trees/plants/crops/lawns etc., wherever possible.
- Water efficient taps/faucets/dispensers will be fitted and used to gradually replace existing ones if inefficient.
- Open water storage and channel systems will be avoided. Waterless urinals will be installed in new buildings.

Collection/Recycling/reuse of waste water

Sharda University has got 35 rain-water harvesting facilities in most buildings and also collects waste water that is treated in a STP plant of 400KLD capacity. The treated water from the STP is used for irrigation and plantation purposes. This practice continues and steps are taken to further improve the collection and treatment of waste water and its reuse by installing another 800KLD STP facility.

Rain Water Harvesting Pits



Bore Well Facility among Harvesting Pits

Liquid Waste Management: STP Facility in the University



STP Plant Area



STP Pumps



Waste Recycling System



STP Enhancement and its AMC

Purchase Order

Approved

Purchase Order

Payment Terms

Sharda University

Net 30

Buyer

SHSUN-0000024531

Page: 1 of 1

Sharda University

Sharda University

Plot No. 32-34, Knowledge Park III Greater Noida UP 201306

India

Supplier: 0000010959 Aplinka Solutions & Technologies Pvt. Lt A-48, Ground Floor, Sector-

India

64 Noida UP 201301 Ship To:

Sharda University Plot No. 32-34, Knowledge Park III Greater Nolda UP 201306 India

Attention: Not Specified

11-02-2023

Destination

Freight Terms

BIII To:

Sharda University Plot No. 32-34, Knowledge Park III Greater Nolda UP 201306 Indla

Common Carrier

Dispatch Via Email

Revision

Ship Via

Currency

INR

Tax Exempt? N Tax Exempt ID: Replenishment Option: Standard

Item/Description Quantity UOM Extended Amt Due Date Line-Mfg ID PO Price

1 - 1 AMC of STP 3.00 MMO 100000.00 300000.00 11/02/2023

AMC for STP 800KLD at MLCP Building for normal operations.

As Scheduled 24 hrs. Of operation with No. of operators 3 no's of Skilled worker and 1 No.

Helper.

Item Total

Schedule Total

300000.00

- 1- All disputes are subject to Gautam Budh Nagar jurisdiction only.
- 2- Inspection shall be carried out at our premises and goods not as per specification shall be rejected
- 3- Rejected material shall be collected by the vendors within 7 days. Falling which
- the same shall be Dispatched to you at you cost and risk. 4- No responsibility shall be taken for the rejected material during storage at our
- 5- All material shall accompany proper test certificate / warranty cards / operation manual / inspection Report etc., wherever applicable.
- 6- Your final invoice should be as per our order.

- Item should be as per Standard and agreed specification.
 Tax: Extra Applicable
 Duration: 25 October 2023 to 24 January 2024.
- GST No. 09AAATS5294C3ZB (Sharda Educational Trust)
- For: AMC of 800KLD STP MLCP Building

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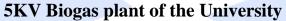
Total PO Amount

300000.00

Reduction in Generation of Biodegradable and Non-Biodegradable Solid Waste

The University generates solid waste of various kinds from the residences, hostels, offices, laboratories, canteens, hospital etc. The University takes steps to reduce the generation of solid waste.

Biodegradable waste is composted through a microbial process. Four different types of composting system are available on campus. A biogas plant is also functional. Reduction in the use of mineral fuels and increased use of electric/solar powered motor vehicles, car-pools and bicycles.





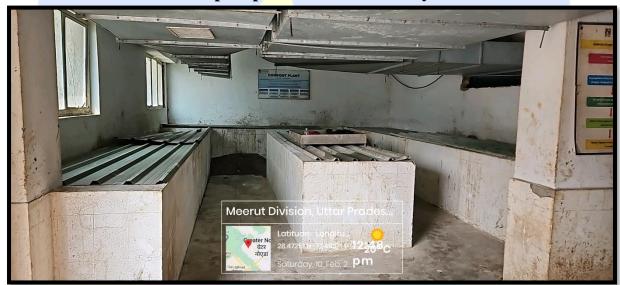
Solid Waste Dump Yard in the University



Separate Litter Bins in the Campus



Compost plant in the University



Vermicomposting facility in the University





Recovery and Reuse of Paper/Wood/Metal Waste:

The University offices, faculty and students and on-campus businesses use large amounts of paper. Some of it is not usable as paper, but large amounts of unused paper is also discarded. The University will take steps to recover unused paper and recycle the used paper for product development for educational, artistic or commercial purposes.

- Reduction in the use of mineral fuels
- Increased use of electric powered motor vehicles,
- Car-pools
- Bicycles

Bicycle Stand for Cycles in the Campus



Safer Disposal of Electronic Waste after Extraction of Useful Components

Electronic goods in all spheres of life, especially in communications, office equipment, laboratory instruments, televisions, computers, etc. are used. Large amounts plastic, Bakelite, integrated circuits, glass, transistors etc. are generated with discarded with old and defective gadgetry

Promotion of Awareness of Green Practices and Their Importance among Students and Community

Active student groups in each School and Hostels are constituted and coordinated by designated faculty. This activity is linked to the NSS as "Eco-Task Force".

Creative Use of Solid Waste for Artistic and Architectural Designing

The students in general and those in the School of Arts and Design are encouraged to use paper pulp, card boards, old wood, metal etc. to create art pieces based on themes related to various aspects of different States of India and other countries.

No-Noise Zone

The University has extensive teaching zones, laboratories, offices and hospital areas, all of which are intolerant of noise. Therefore, the campus has been declared No-Noise Zone and signs of "No Horn" and "Silence Zone" are placed strategically.

No-Smoking Zone

The University is a public place and legally smoking tobacco is banned as per law. "No Smoking" notices have been placed at strategic locations to implement among the stakeholders.

Reduction in Air Pollution

- i. There is a ban on the burning of any materials including plant dry matter that emit smoke.
- ii. The dependence on diesel generators is minimized.
- iii. Dust Management Covers and water spray

AQI Center in the Campus



Introduction of Green-Building Concept in Existing and New Buildings

In the campus most of the existing buildings of the University have large windows and corridor and have large verandahs and open spaces. Thus, the buildings are well ventilated and have good amount of natural lighting, with some exceptions and there is no need during sunlight in day time.

Aware for Reduced Consumption through Community Courses

The University highlights various green practices and their importance for the environment and conservation of natural resources through different courses in academic programmes for students. The Community Connect Course is used to enable the students to interact with community and to notice the sources of various kinds of pollution so as to suggest the systems for their management. In addition, students learn to raise the awareness among people in community for pollution control methods and importance of clean and green environment.

Awareness and Teaching-Learning Crop Area in the University campus

The University has its own crop area under the leadership of its school of Agricultural Sciences where students engage in experiments and innovation for finding out the methods to improve the crops quality and environment friendly agricultural practices.

- 1. Mandela field= 2465.3 m2
- 2. Crop Cafeteria Opposite Mushroom house= 3448.6 m2

Activities with Students and Faculty Members

- Use of low cost technologies (polyhouse, micro-irrigation system, biofertilizers)
- Utilization of agricultural wastes for value addition (Mushroom cultivation) and vermicomposting.
- Integration of Farming System
- Analysis of nitrogen use efficiency of rice genotypes
- Crop diversification for food security and sustainability, Collection, cultivation and maintenance of Germplasm (cereals- wheat, rice, maize; vegetables; oil seeds mustard, ornamentals etc.), Seasonal vegetable production and sale.
- Strengthening of molecular biology and biotechnology laboratories
- Up gradation of tissue culture laboratory and hydroponic facility for indigenous and exotic vegetables
- Trainings for skill enhancement and entrepreneurship among students

Events

- Community connect visits and Expert Talks and knowledge sharing
- Conferences for students, researchers, entrepreneurs and farmers for knowledge and skill improvement.

Biogas Plant

A biogas power plant is installed for usage of renewable energy. The 15 cubic meter biogas plant is set up behind Mandela Hostel in the campus. Food waste of 100kgs approx per day drawn from Mess canteens and added with cow dung water mixture is used as raw material. The raw material content takes 3-4 days for biogas formation which is used to regenerate approx. 5KVA electric energy for street lights. Thus, food waste is converted into a resource

and creating value in the form of electric power generation. The plant is utilizing the recent technology to generate the efficient energy.

5KV Biogas plant of the University



Maintenance of Water Bodies

Sharda University maintains a water body near block 7 to conserve the rain water in a natural way. Presently the capacity of water body to conserve the water is 75KLD. This conserved water is useful to multiple activities such as in agriculture and plantation and recharge of the ground water level. The University intents to further extend this facility across the campus. Also underground water tanks are being maintained in the campus for the optimum utilization of water.

(Waterbody to conserve the water)



Underground Water Tanks Facility





Multi-level Car Parking to Reduce Vehicles Movement

Sharda University has developed a multi-level car parking to organize the 800+ four-wheelers and 4000+ two-wheelers at one place to support the clean and green environment in the campus. All the two-wheelers and four-wheelers are parked in this parking and there is reduced movement of vehicles in the campus reducing the amount of dust participles in the air.

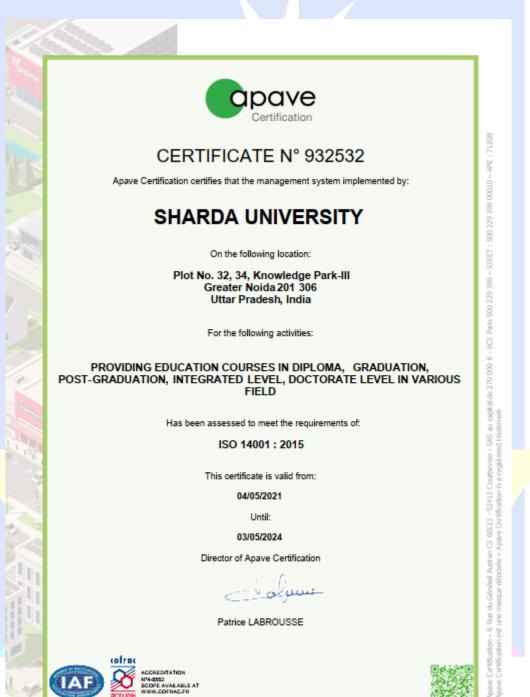
Multi-level car parking facility to restrict movement of vehicles





ISO Certification

Sharda University regularly follow the audit procedure for energy, environment and green campus. In this process the University maintains the quality standards and comply with the ISO regulations of government approved agencies. The University has active ISO 14001:2015 and ISO 50001:2018 in its records.





CERTIFICATE

This is to Certify that **Energy Management Systems**

SHARDA UNIVERSITY

KNOWLEDGE PARK -3, GREATER NOIDA -201310, U.P., INDIA

has been independently assessed by DBS and is compliant with the requirement of:

ISO 50001:2018

For the following sope of activities:

DEVELOPMENT OF ENERGY HARVESTING MATERIALS, RESEARCH AND DEVELOPMENT ON CLEAN/GREEN ENERGY SOURCES, ENERGY CONSERVATION, WASTE TO WEALTH

Certificate Number: 2022042713

Date of Initial Registration: Date of this Certificate: Certificate Expiry: Recertification Due

This Certificate is property of DBS Certifications and remains valid subject to satisfactory surveillance audite

Head of Certification



27th April 2022

27th April 2022

26th April 2025

26th April 2025



The cartificate remains the property of DBS Certifications Private Limited, to whom it must be returned upon request.

DBS CERTIFICATIONS PVT, LTD.

142, find Floor, Avtar Enclave, Paschin Vihar, Delhi-110063, (INDIA) inlogistracertification.com, www.shacertification.com

ACCREDITED BY : UK Akkneditering Forum Limited, UK (were ukstorg uk) 5 Jupiler House, Calleva Park, Aldermanton, Reading Berkshira RG/ISNN UK.

अमृता सोनी आई.ए.एस. निदेशक



उ.प्र. नवीन एवं नवीकरणीय ऊर्जा विकास अभिकरण (अतिरिक्त कर्जा स्रोत विभाग, उत्तर प्रदेश शासन) विमूति खण्ड, गोमती नगर, अखनक – 226 010 दुरभाष: 91—0522—2720652 फैक्स: 91—0522—2720779

सेवा में, रजिस्टार, शारदा यूनिवर्सिटी, ग्रेटर नोएडा।

आप द्वारा विशेष रुचि लेते हुए वेबसाइट www.upsavesenergy.com पर "एनर्जी सेविंग कैम्पेन" के अन्तर्गत अपने प्रतिष्टान का पंजीकरण कराया गया एवं अपने प्रतिष्टान के कार्निकों को ऊर्जा संरक्षण के प्रति जागरुक करते हुए अपने प्रतिष्टान में ऊर्जा संरक्षण से संबंधित विभिन्न गतिविधियाँ संचालित की गई। प्रदेश में ऊर्जा संरक्षण हेतु अभिकरण के प्रयासों को सफल बनाने में आपके प्रतिष्टान का सहयोग अत्यंत प्रशंसनीय है।

मुझे यह सूचित करते हुए अत्यंत हर्ष हो रहा है कि उक्त कैम्पेन के अन्तर्गत वर्ष 2018 हेतु निर्धारित स्कोर कार्ड पर आपके प्रतिष्ठान द्वारा अर्जित किए गए अंकों के आधार पर प्रदेश में प्रथम स्थान प्राप्त हुआ है।

उक्त हेतु अभिकरण द्वारा निकट भविष्य में आपके प्रतिष्ठान को पुरस्कृत करते हुए सम्मानित किया जाएगा जिसके लिए पृथक से सूचित किया जाएगा। मुझे पूर्ण विश्वास है कि भविष्य में भी आपके प्रतिष्ठान द्वारा उत्तर प्रदेश सरकार के ऊर्जा संरक्षण अभियान में निरन्तर सहयोग किया जाता रहेगा।

मैं आपकी और आपके प्रतिष्टान की निरन्तर प्रगति की कामना करती हूं।

भवदीया



Uttar Pradesh State Designated Agency under EC ACT-2001

Battery Operated Vehicles in the Campus

Further to support the clean and green environment the University uses the CNG operated buses and also the battery operated vehicles in the campus. Battery operated vehicles for internal movements and to be used by students and faculty and visitors.

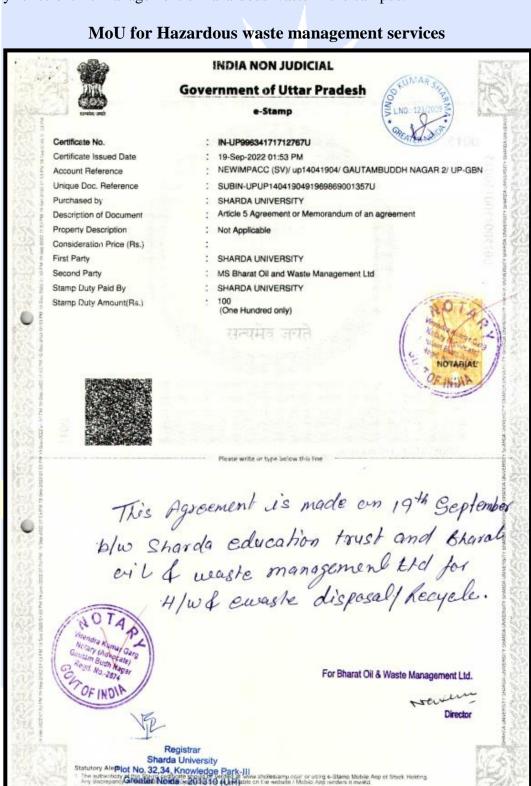
Use of Battery-powered Vehicles





Hazardous Materials MoUs

The University maintains the quality standards by following the guidelines issued by government in connection with hazardous waste materials in the laboratories. There are awareness signboard and display chart, process chart inside the laboratory for students and users to work carefully. The University also continue with MoU with government approved agency for scientific management of hazardous waste in the campus.



AGREEMENT

This Agreement is made and executed at Greater Noida on this 19th day of September 2022.

Sharda University Sponsored by Sharda Education Trust, India, having its address at Plot No 32, 34, Knowledge Park III, Greater Noida, Gautam Buddha Nagar, Uttar Pradesh, 201306 (constituted under an act of State Legislature of Uttar Pradesh (Act 14 of 2009 (hereinafter called as "FIRST PART" which expression shall, unless repugnant to the context or meaning thereof, be deemed to mean and include its successors nominees and assigns of the First Part.

M/s Bharat Oil and Waste Management Ltd (BOWML), a Company registered under the Companies Act 2015, having its registered office and corporate head office at 11, LGF, Community Center, East Of Kailash, New Delhi 110065 and its engineered common facility at Gata #672, Tahsil Akbarpur, Village Kumbhi, NH-2, Kanpur-Dehat, UP-209101, duly authorized by the Uttar Pradesh Pollution Control Board and having another Facility at Mauza Mukimpur, Roorkee-Laksar Road, Roorkee-247664, (Uttarakhand), duly authorized by the UEPPCB, Dehradun to treat, store and dispose of Hazardous Waste and/ or Bharat Oil Company (India) Registered (BOC) a partnership concern registered under the Partnership Act with its registered office at 169 Kailash Hills, New Delhi 110065, duly registered with Central Pollution Control Board, having its CHWTSDF at E-18, Site IV, Sahibabad Industrial Area, Ghaziabad, (UP), duly authorized by the UPPCB, under the Environment Protection Act 1986 (for short the 'Act') and the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016 and / or the E-Waste (Management) Rules 2016 (for short 'The Rules') as amended from time to time, represented by its Director/Partner, as the case may be (hereinafter called as "SECOND PART" which expression shall, unless repugnant to the context or meaning thereof, be deemed to mean and include its successors, nominees and assigns of the Second Part.

WHEREAS First Part is engaged in educational field and during the said process/ activities different types of wastes including Hazardous Waste are generated as per Annexure to this Agreement.

AND WHEREAS the First Part desires that the Hazardous Waste, being generated at its production unit mentioned above, to be lifted, transported, treated, stored and disposed of, by utilizing the services of SECOND PART, as per the Pollution Control Board Authorization (list of Hazardous Wastes and their tentative quantity, which would be generated at the FIRST Part's campus situated at-Plot No 32, 34, Knowledge Park III, Greater Noida, Gautam

For Bharat Oil & Waste Management Ltd.

Newen

Director

Registrar Sharda University Plot No. 32,34, Knowledge Park-III Greater Noida - 201310 (U.P.)

demand the Laboratory Comprehensive Test Analysis Charge, Transport, Storage, Disposal, Treatment Charge along with any applicable Government Taxes, MoeF Escrow Fee etc. SECOND PART will notify the FIRST PART, CPCB (HW Cell) and SPCB of the Exception. The complete liability, risk and costs of such goods/Wastes shall be on FIRST PART and the FIRST PART shall be liable to pay all the charges as demanded by the SECOND PART and FIRST PARTshall indemnify the SECOND PART for / during the transport, storage, unloading, treatment, disposal for the said waste.

For SHARDA UNIVERSITY

(First Party)

Registrar Sharda University Plot No. 32,34, Knowledge Park-III Greater Noida - 201310 (U.P.) For Bharat Oil & Waste Management Ltd/ Bharat Oil Company (I) Regd For Bharat Oil & Waste Management Ltd.

(Second Part)

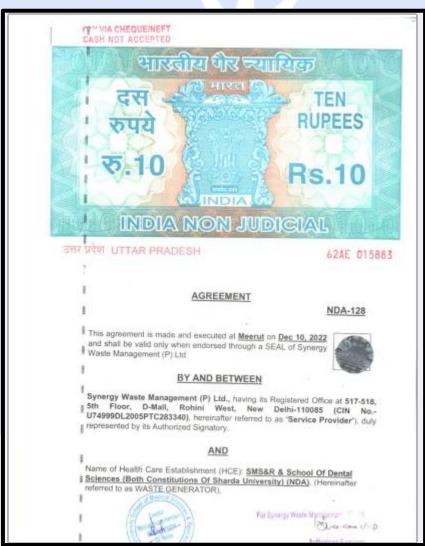
Director



Bio-Medical Waste Management

The University also medical hospital and dental school which maintain the scientific management of bio-medical waste through government approved waste management agency who pick up the waste on daily basis and the entries of issued waste are maintained in online manner as advised by the state government.

MoU for Bio-Medical Waste Management

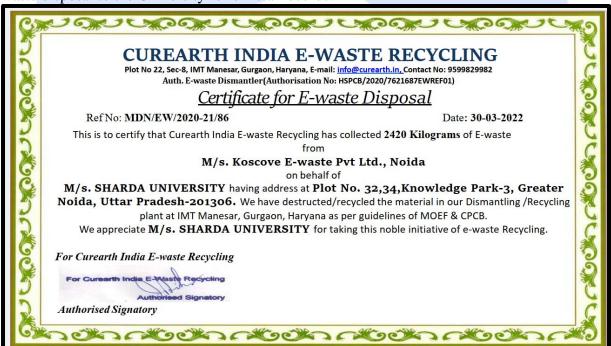


Municipal Solid Waste Management

Daily basis cleaning in the campus including washroom also supports the quality environment in the campus. Different kinds of wastes are being collected systematically and by a competent team to filter these among approved categories of waste. Finally, the waste is transported by Noida authority municipal's truck to the government approved location for further processing.

E-Waste Management

The e-waste is duly approved by IT experts and issued by ensuring protection of data privacy concerns. The University has its policy to manage the e-waste through government approved vendors. The vendors are invited through store office and e-waste is handed over to dispose as per the rules and regulations issued by the government. The vendor submits a certificate of e-waste disposal to the University for official records.



Liquid Waste Management Waste Management Policy

https://ezone.sharda.ac.in/ezone-2022/admin/naaccriteria/getpdfdetails/naaccriterias_pdf-2022-2023:criteria_7.1.3:Waste_Management_Policy.pdf

Manual for Green Practices

https://ezone.sharda.ac.in/ezone-2022/admin/naaccriteria/getpdfdetails/naaccriterias_pdf-2022-2023:criteria_7.1.5:Eco-

friendly_transportation_in_Manual_for_Green_Practices_Policy__Guidelines.pdf

Link to student led society (Environmental club) whose purpose is to engage with sustainability

https://www.sharda.ac.in/dsw/culturaldetails/environment-club

Ban on Use of Plastic



Waste Tracking

Waste Management practices

https://ezone.sharda.ac.in/ezone-202<mark>2/admin/n</mark>aaccriteria/getpdfdetails/naaccriterias_pdf-2022-2023:criteria_7.1.3:Solid_waste_management_practices.pdf

Landscaping in the University





Landscaping for the Green Campus



Anti-Fog Spray Gun of the University



Plantation in the campus







SHARDA UNIVERSITY

32, 34, Knowledge Park-III, Greater Nolda-201310 (U.P.)

OFFICE OF THE REGISTRAR

SU/Reg./Notification/2022/047

August 23, 2022

Notification

Refer Notification dated 05 August 2021 vide serial number SU/Reg./Notification/2021/162 regarding; 'e-waste Management Implementation Plan and Disposal of e-waste in the University', the same is hereby reconstituted, provided as under, on account of replacing/relieving of certain members.

1. Prof. Parma Nand, Dean, Sharda School of Engineering & Technology; Dean, Academic Affairs

- Chairman

2. Prof. Nitin Rakesh, Head of Department, Computer Science & Engineering, Sharda School of Engineering & Technology

- Member

3. Dr. Nihar Ranjan Roy, Associate Professor, Computer Science Engineering Sharda School of Engineering & Technology

- Member

4. Dr. Om Prakash, Head (IT Services)

- Convener

This bears the approval of the competent authority.

(Vivek Kumar Gupta)

To: All Concerned

Copy to: (for kind information),

- > Chancellor/Pro-Chancellor/ED
- > Vice-Chancellor
- > All Advisor/ All Deans
- > Controller of Examinations/Finance Officer/Chief Proctor
- > All Directors
- All Administrative Heads of the respective Department and School
- > Notification file



उत्तर प्रदेश UTTAR PRADESH
THIS AGREEMENT made on this 1st Day of July 2019 between Sharda Educational Trust registered under Indian Public Trust Act 1882, having its registered Office located at SGI Tower, 500 mtrs from Bhagwan Talkies towards Agra-Mathura Highway (NH-2), Agra – 282002 (U.P.) and its Plant located at Plot No. 32 & 34, Knowledge park III, Greater Noida, Uttar Pradesh (hereinafter called as "FIRST" PART" which expression shall, unless repugnant to the context or meaning thereof, be deemed to mean and include its successors nominees and assigns of the First Part.

AND

M/s Bharat Oil and Waste Management Ltd (BOWML), a Company registered under the Companies Act 2015, having its registered office and corporate head office at 11, LGF, Community Center, East Of Kailash, New Delhi 110065 and its engineered common facility at Gata #672, Tahsil Akbarpur, Village Kumbhi, NH-2, Kanpur-Dehat, UP-209101, duly authorized by the Uttar Pradesh Pollution Control Board and having another Facility at Mauza Mukimpur, Roorkee-Laksar Road, Roorkee-247664, (Uttarakhand), duly authorized by the UEPPCB, Dehradun to treat, store and dispose of Hazardous Waste and/ or Bharat Oil Company (India) Registered (BOC) a partnership concern registered under the Partnership Act with its registered office at 169 Kailash Hills, New Delhi 110065, duly registered with Central Pollution Control Board, having its CHWTSDF at E-18, Site IV, Sahibabad Industrial Area, Ghaziabad, (UP), duly authorized by the UPPCB, under the Environment Protection Act 1986 (for short the 'Act')and the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016 and / or the E-Waste (Management) Rules 2016 (for short 'The Rules') as amended from time to time, represented by its Director/Partner, as the case July be (hereinafter called as "SECOND PART " which expression shall, unless repugnant to the context or meaning thereof, be deemed to mean and include its successors, Inominees and assigns of the Second Part.

WHEREAS First Part is engaged in Educational deeds under university & Hospital and during the said process/ activities different types of wastes including Hazardous Waste are generated as per Annexure to this Agreement.

AND WHEREAS the First Part desires that the Hazardous Waste, being generated at its production unit mentioned above, to be lifted, transported, treated, stored and disposed of, by uthing the services of SECOND PART, as per the Pollution Control Board Authorization (list of Hardrous and their



Waste Management Policy Document



- 1. Bio- Medical Waste Management
- 2. Municipal Solid Waste Management
- 3. E- Waste Management
- 4. Liquid Waste Management

Waste Management Policy Document

Раде 2



1.0 General

1.1 Solid Waste Management is one of the major challenges which has occurred due to rapid growth of population and urbanization, proper management of the waste generated is critical in protecting individual health, community health and for protecting the environment. Handling solid wastes improperly can create dangerous working conditions, damage vital natural resources and cause irreparable harm to the persons living in the contaminated area. Waste generation encompasses activities in which materials are identified as no longer being of value and are either thrown away or gathered for disposal. The solid waste management system includes the waste handling, storage, treatment and disposal.

At Sharda University, Greater Noida we are committed to scientific management of soild waste generated. The management practices envisages collection, segregation, treatment and safe disposal. Preparation of the Policy on Solid Waste Management is mainly for the purpose as enumerated in the succeeding paragraph.

1.2 Purpose

- 1.2.1 To implement the procedures for the safe storage and disposal of bio- medical waste, hazardous waste, Municipal waste, E-waste generated, Construction & Demolition waste, Plastic waste and liquid waste generated in a clean, safe and economical manner in the campus
- 1.2.2 To provide awareness and waste management training to the staffs, students and waste handlers so that compliance with the requirements of managing waste & environmental safety can be achievied and we are able to minimise waste by following 3 R's of Waste Management namely Reduce, Reuse & Recycle.
- 1.2.3 To ensure compliance of statutory obligations by adopting the principles stipulated in the Waste Management Rules 2016 and its amendment.
- 1.2.4 To act as a document for communicating policy statement with staff, students, commercial partners, contractors, and visitors so that all are aware about the policy on waste management.

2.0 Scope

This applies to all types of wastes generated in Sharda University Campus.

3.0 Types of Solid Waste

3.1 Types of Solid Wastes are as follows:

- Bio-Medical Waste (BMW)
- Municipal Solid Waste (MSW)
- Hazardous Waste
- E- Waste
- Plastic Waste
- Construction & Demolition Waste (C & D Waste)



3.2 Quantity of Solid Waste Generated per month

Different kinds of waste are generated within the campus such as biomedical waste (BMW), Municipal Solid Waste (MSW), E-waste, C&D waste, Hazardous waste and Plastic waste. On an average 6000 Kg of BMW is generated in a month, 39360 kg of MSW is generated in a month, as per the MSW Management Rule, Sharda University comes under the category of bulk waste generator, however the waste generation quantity of C&D waste is less than 20 T per day and does not comes under the category of bulk waste generator of C&D waste. Minimum quantity of plastic waste generated is 5000 kg per month. E-waste generated is 2975 Kg per month and hence, qualify as bulk generator for E -waste. Huge quantity of hazardous waste is also generated in the form of used engine oil & oil sludge due to operation of generators.

- 3.3 Waste Management System includes the following activities
 - Waste collection (Primary and Secondary)
 - Sweeping of main roads, internal roads, open and green areas
 - Segregation of waste
 - Transportation of waste
 - Treatment of organic waste to Compost Plant
 - Scientific disposal of waste, wherein, domestic, industrial, and bio-medical waste shall be disposed as recommended by Central Pollution Control Board (CPCB) through its various Acts and guidelines / rules.

4.0 Responsibility:

- Bio- Medical Waste Sharda Hospital Administration
- Municipal Solid Waste- Estate Department, Sharda University
- Hazardous Waste-Fire and Safety Officer, Sharda University
- E-Waste IT Department, Sharda University
- Plastic Waste- Estate Department, Sharda University
- Construction & Demolition Waste (C & D Waste)- Fire and Safety Officer, Sharda University

5.0 BIO MEDICAL WASTE MANAGEMENT

- 5.1 All Biomedical waste shall be treated destroyed or disposed of as per the provisions of Bio Medical Waste Management (Amendment) Rules, 2018. It is a statutory requirement and compliance is must. This applies to all types of wastes generated in the Hospital.
- 5.2. Responsibility: Nursing Staff, Infection Control Nurse, Operations Executive



Sr. No	Activity	Responsibility
5.2.0	Types of waste generated	
5.2.1	All general and biomedical waste from the hospital is handled as per the protocols set by the Biomedical waste management (amendment) rules, 2018, Ministry of Environment and Forests.	Infection Control Nurse
5.2.2	General Waste Paper Cardboard and packing materials Aluminum Foil Tea Bags Disposable plates, glasses, bottles Used polythene bags Vegetable, fruit peels and left-over food	
5.2.3	Bio Medical Waste Soiled cotton, dressings, bandages, plaster casts, amputated body parts, pathological specimens, pathology laboratory waste, microbiology laboratory waste. Plastics, disposable syringes, tubing's, catheters, and bags. Sharps consisting of needles, blades, broken vials, ampoules, thermometers. Blood bags tested positive for HIV and Hepatitis B, C, VDRL & MP Human parts, foetus, placenta, etc. Category of waste are defined in enclosure"1"	
5.3.0	Operational guidelines	
5.3.1	An operational and maintenance protocol is drawn up and filed as guidelines / requirement for day-to-day operations; also, the exact description of methodology practiced under each activity such as segregation, internal and external transportation, pre-treatment, storage, post treatment and final disposal.	Infection Control Nurse
5.3.2	The different levels of waste disposal at all levels of processes, and hospital areas are identified, and responsibilities are assigned — as an organizational structure from management, supervision / monitoring, collection, treatment, and disposal.	-
5.3.3	Daily collection loads by category, treatment and disposal data records maintained.	Manager - Housekeeping

Waste Management Policy Document

Page 5



5.4.0	Segregation of Waste	
5.4.1	Blue & green bags (without BMW signage) are used for General waste (Wet & Dry) segregation.	-
5.4.2	Bio Medical Waste is segregated as 1. Red bags for infectious plastic disposable waste. 2. Yellow bags for incinerable waste. 3. Cardboard box with blue marking for glass waste and for disposal of implants. 4. White puncture proof container for sharp waste The Red, Blue, and Yellow bags along with white puncture proof container should have the Bio-hazard Emblem printed on them. All trolleys used for collecting and transporting BMW have the Bio-hazard symbols on them and are adequately covered.	Infection Control Nurse
5.5.0	Collection of Waste	
5.5.1	A specific allotted area of the ward – the same place in each ward identified as waste disposal corner – but easily identified and accessible by nursing and sanitary staff.	-
5.5.2	The general waste is collected from wards and transported to the garbage collection bin in every shift i.e. three times a day – All waste handlers wear thick impervious gloves and immunized for Hepatitis B.	Housekeeping Staff
5.5.3	Two rounds are made per shift - one for collecting incinerable waste and second for plastic (disinfected) waste and sharps.	Housekeeping Staff
5.5.4	The BMW is collected and transported in a covered garbage trolley, displaying the Bio-Hazard Symbol.	-
5.5.5	Biomedical waste is segregated at the point of generation.	Nursing Staff
5.6.0	Disposal of Waste	
5.6.1	All incinerable waste is accumulated in a central garbage repository. This is picked up by the Synergy waste management (an approved external agency) every day except Sundays.	-
5.6.2	Disposable of sharps – collected in puncture proof containers and handed over to agency for disposal.	-
5.6.3	 General waste in green bags (i.e. Wet Waste) without BMW signage bags after being sanitized is treated in the campus for the compost. General waste in Blue bags (i.e. Dry Waste) without BMW signage bags after being sanitized are carried away by the local municipal authority. 	-
5.6.4	All categories of waste are weighed each day and noted. This is common practice as weight limits are present for autoclave etc. – to keep a record of and monitor different categories and total biomedical waste by the hospital.	Manager - Housekeeping



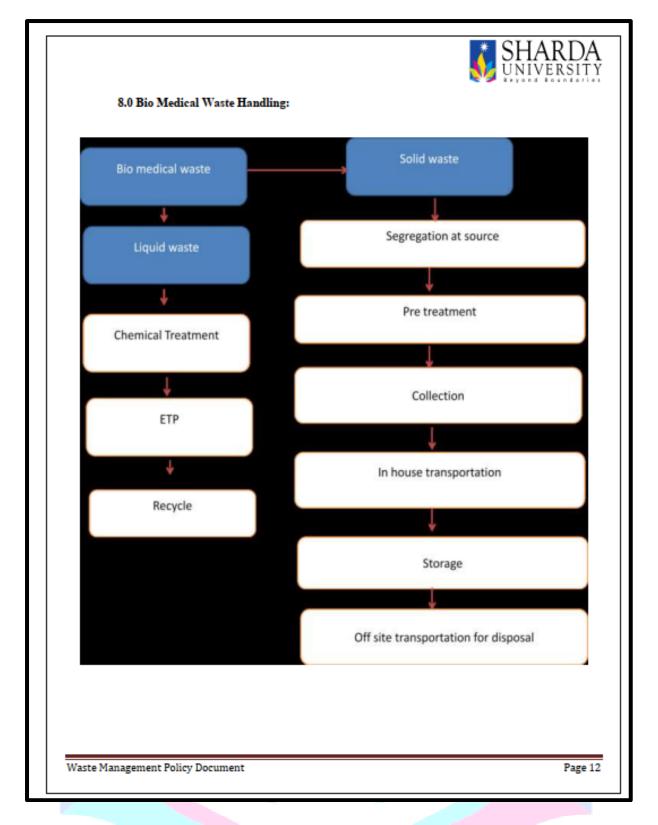
5.7.0	Emergency response plan	
5.7.1	The emergency can include Needle prick, cut, or injury to the handler. An accidental spill of biomedical waste inside or outside the hospital building. There should be an emergency response protocol to handle each of these incidents adequately and quickly.	-
5.8.0	Monitoring of Waste Management	
5.8.1	Biomedical waste management to be monitored daily at all departments.	Ward In-charge / Infection Control Nurse
5.8.2	At least a monthly inspection of the waste management process all over the hospital needs to be inspected.	Infection Control Team
5.8.3	Report Generation & Submission to Regulatory Authority - A report of compliance to regulatory requirements are taken and submitted annually to Government by 30th June in form IV.	Medical Superintendent
5.9.0	Biomedical waste management training for 'good practices'	
5.9.1	Waste management training of all categories of staff of all departments handling biomedical waste, adequate treatment, and disposal, is necessary at least one in six months.	Infection Control Nurse

6.0 Classification:

Categorization and classification of waste is important for the purpose of safe waste disposal. At Hospital the waste generated has been broadly' classified into the following categories:

Non - Infectious Waste

- General office waste comprising of wrapping paper, office paper, cartons packaging materials including plastic sheets, newspapers & bouquets.
- Kitchen waste includes left over food, peels & dirty water generated from the hospital kitchen Kitchen waste is further divided into two categories.
- Bio-degradable, waste. This waste includes peels of fruit and vegetable skins, left over food, tea dregs & other natural kitchen waste.
- General Waste as wrapping paper, aluminum foils and disposables.





- 23.7.8 Keep record of any waste management activity or camp organised within the University in consultation with Environment Club.
- 23.7.9 Ensure housekeeping staff complies with visual coding for unskilled labour employed.
- 23.1.10 Report accidents, if any.
- 24.0 Record Reference
- 24.1 Housekeeping register
- 24.2 MSW Register (Dry & Wet Waste)

25.0 Liquid Waste Management

Sharda University has installed a Sewage Treatment Plant to treat effluents and unaerated Water. We have one STP and one ETP, both located near Block 1 and beside Sharda Hospital respectively. Operation and maintenance of the STP (capacity- 400 KLD) and ETP (capacity 30 (KLD)) is ensured 24X7 by regular staff employed for the job and periodic checks/tests are also carried out.

25.1 STP (Sewage Treatment plant)

At present a sewage treatment plant of capacity campus 400 KLD has been installed to treat the wastewater. The treatment plant is meant for treating domestic sewage from hostels, hospitals, colleges etc. by extended aeration activity sludge process using fine bubble diffused aeration system. Lab check of treated water and other parameters are carried out every quarter. The STP is located near Block-1 of the Sharda University.

25.2 ETP (Effluent Treatment plant)

Hospital also generates large volumes of waste water that needs to be treated Main objective of ETP is to remove as much of suspended solids and organic matter as possible before the waste water is discharged back to the environment or reused for any other purpose. The ETP has a functional capacity of 30 KLD. Lab checks of treated water and other parameters are carried out every quarter.

26.0 Hazardous Waste

DG sets are used to supply power back up in the premises. Waste oil generated from these are hazardous wastes and are stored in containers. Oil should not be discharged in drains, and also must not be mixed with municipal solid waste. It is advised to store such waste separately and handed over to the vendor for proper disposal. Corrosive substances must be kept away from substances that may react with them and produce undesirable, toxic products.

26.1 Disposal of Hazardous waste

Hazardous waste must be stored in containers and must be in good condition and free of leaks. Waste oil from diesel generator sets oil should be kept in containers of appropriate quantity to avoid overloading and spillage.

Waste Management Policy Document

Page 35



Recommendation & Approval

Mr. G. Ravi Kiran

Chief Operating Officer, Sharda Hospital

Mr.Om PrakashShukla

General Manager, Planning, Project & Maintenance

Mr.SandeepRana

SU Deputy Registrar Estate

Dr.Mojahidul Islam IQAC Member

Dr. V P S Arora, Professor Emeritus

Director, IQAC

Shri. Ashok Kumar Singh

Registrar

Vice Chancellor

Waste Management Policy Document

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MANUAL for GREEN PRACTICES

(Policy and Guidelines)

SHARDA UNIVERSITY

GREEN PRACTICES: POLICY & GUIDELINES

1. Preamble

The 'Environment Protection Act, 1986', (EPA) generally accepts that environment is threatened by a wide variety of human activities ranging from the instinctive drive to reproduce its kind to the intrinsic urge of improving the standards of living. Development of technological solutions to this end leads to generation of vast amounts of waste, both natural and synthetic. Paradoxically, this urge to grow and develop, which was initially uncontrolled is now widely perceived to be threatening as it results in the depletion of both living and non-living natural resources and life support systems. The air, water, land, living creatures as components of environment in general are all becoming polluted at an alarming rate that needs to be controlled and curbed as soon as possible. Several legislations such as the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981 were enacted with the above in mind.

To this effect, the Sharda University has a dual status, as (i) a microcosm inhabited by about 20000 humans engaged in many diverse activities over an area of 63 acres and (ii) an institution of higher learning and social change with an orientation to enhance the local and global environment. It is thus necessary for the University to decrease the adverse impact of the work and products of the activities of students, staff, faculty and businesses; improve energy and resource efficiency; improving existing ones; construct new systems and structures but also to serve as a frontrunner for the society in using and adopting some of the best green practices and innovations.

2. Aim and Objectives

2.1 Aim

To minimize soil, air, water and noise pollution through eco-friendly practices of natural resource conservation and reduce carbon footprint by developing Sharda University as a leading institution in implementing and disseminating green practices.

2.2 Objective

To promote adoption and evolution of practices for environmental protection and direct social development that may ensure long-term congenial conditions for human health, well-being & quality of life, conservation of natural resources and biological diversity.

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Keeping the above broad objective in view, the Sharda University resolves to take concrete steps on the following aspects and adopt the hereinafter specified and other novel green practices in the following areas:

2.2.1 Reduction in use of electricity

Presently, the total electricity consumption of the University campus is 14006 MWH per annum while solar power generation is 1125 MWH per annum. Total roof top area where solar modules are installed is 213698.3 Sq. m. The University will make all round effort to reduce the amount of electricity consumed for lighting, air-circulation, air-conditioning, lifts, water mining, instruments and other gadgets by the following approaches:

- Create awareness and inculcate the culture of using electrical devices and appliances including lifts only when and where necessary;
- ii. Installation of occupancy sensors in common areas to regulate the use of lights and fans when the area is not occupied for more than 3 minutes and
- to gradually replace conventional electric devices with energy efficient devices such as LED lights and star rated fans, ACs and other gadgets.

2.2.2 Innovation and increase in generation and utilization of renewable energy

Presently, the University has a robust solar power generation system producing a total of 1125 MWH per annum and this has the distinction of being awarded by the State Government as the most Energy Efficient University in the state. The University, however intends to double the harvest of solar energy and its use to replace traditional grid electricity by:

- will create a centre of excellence to intensify research on development of more efficient systems of solar power harvesting and utilization;
- ii. will identify more open building top spaces will be used to install solar panels for electricity generation including installation of solar trees in open spaces for lighting, pumping water, communications and audio-video surveillance;



iii. will be installing flexible cum semi-transparent solar panel films on sun-facing windows;

2.2.3 Reduction in use of water

The most important natural resource sustaining life on earth is water. A lot of water is wasted due to improper usage patterns and inefficient dispensing and storage systems. The following steps are will be taken to reduce the quantity of water used:

- Sprinkler and drip irrigation systems will be deployed for irrigation of trees/plants/crops/lawns etc., wherever possible;
- ii. water efficient cum sensor based taps/faucets/dispensers will be fitted and used to gradually replace existing ones;
- iii. open water storage and channel systems will be avoided and
- iv. sensor based or waterless urinals will be installed in new buildings.

2.2.4 Collection/Recycling/reuse of waste water

The University has got rain-water harvesting systems in most buildings and also collects waste water that is treated in a STP plant of 0.40 MLD capacity. The treated water from the STP is used for irrigation purposes. This practice will continue and steps will be taken to further improve the collection and treatment of waste and its reuse.

2.2.5 Reduction in generation of biodegradable and non-biodegradable solid waste

The University generates solid waste of various kinds from the residences, hostels, offices, laboratories, canteens, hospital etc. The University will take the following steps to reduce the generation of solid waste:

- Awareness will be created among the staff, students and residents to avoid and reduce generation of solid waste.
- ii. Instructions will be issued to reduce and gradually stop the use of disposable plastic/ metal/ polystyrene cups/ plates/bottles etc. All vendors will be encouraged to use biodegradable eating/packing material made of paper/cotton cloth which decompose early.

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- iii. Steps will be taken to reduce the number of sheets in the examination answer-books and issue supplementary addenda with proper record to those students who need.
- iv. University will advise and promote two side printing/writing on paper in routine work. Single side printing will be restricted only to documents of special nature. In future, the office printers will be gradually replaced with automatic two side printing capability. Segregated collection of solid waste will be made in four categories, viz., (a) Biodegradable waste like crop residues/vegetables/fruits/food and paper; (b) non-biodegradable waste like plastic, metal, hard-wood; (c) Injurious waste like broken glass; (d) Biomedical and bioactive hazardous chemical waste.
- v. The biodegradable waste will be used for composting and the compost by aerobic/anaerobic microbial composting or vermi-compost production will be done on specified spots.
- vi. The University will ban the use of polybags in the campus for carrying, packing and selling from canteens, shops and other sale counters.
- vii. Attempts will be made to recycle the non-biodegradable solid waste where possible or will be given to authorized solid waste collecting agencies.
- viii. The hazardous solid waste like glass deposited at designated places and will be given to authorized collection agents for their safe disposal or recycling.
- ix. The bioactive waste from laboratories, operation theatres, hospital wards etc. will be incinerated before disposal on campus or given to authorized collecting and incinerating agencies.
- x. Waste from chemistry/biochemistry/biotechnology laboratories that may be hazardous/ carcinogenic in nature will be separately collected and disposed in prescribed manner at officially designated places.
- xi. The University will make further progress in following online and paperless office processes that are already followed.

2.2.6 Recovery and reuse of paper/wood/metal waste

The University offices, faculty and students and on-campus businesses use large amounts of paper. Some of it is not usable as paper, but large amount of unused paper is also discarded. The University will take steps to recover unused paper and recycle the used paper for product development for educational, artistic or commercial purposes. Some steps proposed are:

- All buildings and offices will have designated places for depositing waste paper.
- ii. Hard copy office records/applications/CVs etc. may be screened periodically and useless ones may be disposed off for recycling, preferably after shredding to avoid possible misuse of any document or official information.

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- iii. The waste paper will be recycled on campus and used for creating artworks, educational models, architectural designs or handicrafts/gift items/file covers/greeting cards/carry-bags etc.
- iv. The unused paper will be removed from examination answer-books, laboratory notebooks etc. left behind by the students, after certain defined waiting period. Thus removed paper may be trimmed and rebound to form notebooks that may be sold to the students at nominal prices.
- v. The post-fabrication left over wooden, metal rods/pipes/sheets etc. shall be used for fabrication of smaller items and for preparation of modeling exercises of engineering/ architecture/design students.

2.2.7 Reduction in the use of mineral fuels and increased use of electric/solar powered motor vehicles and bicycles

- i. The University will continue to reduce its dependence on petrol/diesel driven vehicles.
- ii. The culture of walking short distances, use of bicycles, public transport and car pooling wherever possible will be promoted by special campaigns and advisories from time to time.
- iii. Solar powered or electric automobiles will be gradually increased.
- iv. Use of pedaled and battery fitted bicycles will be encouraged on campus.
- Dedicated bicycle stations may be established at a few strategic places in the campus for on-campus movement.

2.2.8 Safer disposal of electronic waste after extraction of useful components

Electronic goods in all spheres of life, especially in communications, office equipment, laboratory instruments, televisions, computers, etc. are used. Large amounts plastic, bakelite, integrated circuits, glass, transistors etc. are generated with discarded with old and defective gadgetry. The University will deal with this waste in the following manner:

- Attempts will be made to explore possibility of repair and continued use of the gadgets
 as far as possible only if the same is beyond repair and cannot be useful anywhere in
 the university.
- Old computers and other gadgets will be disposed off by auction and sold to consumers of used gadgets.



- iii. The unserviceable gadgets may be used for hands-on assembling practice of the engineering students.
- iv. The reusable components like ICs, transistors etc. may be taken out for practical exercises and assembling labs of engineering students.
- v. Some precious metals are often used in electronic gadgets; these may be extracted as far as possible, before discarding and giving to authorized electronic junk dealers.

2.2.9 Promotion of awareness of green practices and their importance among students and community

- i. Active student groups in each School and Hostels will be constituted and will be coordinated by designated faculty. This activity will be linked to the NSS. This student group will be called as "Eco-Task Force".
- The students and faculty will be supplied bulletins on Green Practices and motivated to help in their implementation.

2.2.10 Creative use of solid waste for artistic and architectural designing

The students in general and those in the Department of Arts and Design will be encouraged to use paper pulp, card boards, old wood, metal etc. to create art pieces based on themes related to various aspects of different States of India and other countries from where students study in the University, that can be used as souvenirs or as practice in designing. The creating students may be allowed to carry their creations with them.

2.2.11 Increasing the green coverage of the campus and surroundings

- The University will plant more trees and bushes to increase green canopy cover inside the campus and surrounding roadsides.
- All empty non-concrete areas will be covered with grass.
- iii. The open rooftops not covered with solar power harvesting panels will be used to establish terrace gardening for production of vegetables, flowers, spices and medicinal plants etc. Drip or sprinklers will be used for irrigation of the terrace gardens to minimize water use.
- iv. More indoor plants will be installed to improve internal environment and power consumption for cooling.
- As far as possible the University will avoid using synthetic chemical pesticides and minimize use of detergents.
- vi. The University shall maintain a record of existing, new planted and dving trees.

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2.2.12 No-Noise Zone

The University has extensive teaching zones, laboratories, offices and hospital areas, all of which are intolerant of noise. Therefore, the campus will be declared No-Noise Zone and signs of "No-Horn" and "Silence Zone" will be placed strategically.

2.2.13 No-Smoking Campus

The University is a public place and legally smoking tobacco is banned as per law. The University will place "No Smoking Campus" notices will be placed at strategic locations.

2.2.14 Reduction in Air Pollution

- There will be a ban on the burning of any materials including plant dry matter that emit smoke.
- ii. The dependence on diesel generators will be reduced. The exhaust pipes and chimneys of Diesel Generators will have opening much above the roof level of the neighboring buildings.

2.2.15 Introduction of green-building concept in existing and new buildings

Most of the existing buildings of the University have large windows and corridor and have large verandahs and open spaces. Thus, the buildings are well ventilated and have good amount of natural lighting, with some exceptions. In all future building constructions, the University will consciously include the green building concept, with minimal dependence on electricity for ventilation, cooling and lighting.

2.2.16 Assessment, reduction and periodic monitoring of carbon foot print of the campus

The University will prepare an initial status report, make continuous efforts to conserve natural resources and reduce carbon footprint. Annual inspections, monitoring and assessments will be carried out and proper records will be maintained of the major actions taken and impact thereof.

2.2.17 Establishment of a Green Practices Committee

The University will establish a Green Practices Committee for disseminating the practices mentioned hereunder. The Green Practices Committee will meet for review and planning once or more annually.

2.2.18 Awareness through open electives and community courses

The University will run an open elective course for creating awareness of various green practices and its importance for the environment and conservation of natural resources. The Community



Connect Courses will be used to enable the students to learn the sources of pollution and systems for its effective treatment as well as to spread awareness on pollution control methods in the community.

3. Environmental Protection Club (EPC)

To effectively implement Green Practices Policy, an Environmental Protection Club (EPC) will be established in Sharda University consisting of a Chairman and Members from administrative and academic staff including students' welfare department. The Club will advise the Vice-Chancellor and the Registrar on the programs to fulfill the environmental protection objectives and to ensure that new and existing initiatives are brought forward for consideration. The EPC will:

- Periodically review University policies and carry out appropriate environmental audits and pilot projects.
- ii. Undertake education and training programs to inform the University Community about this policy and how its members, both personally and collectively, can best meet the objectives set forth in it.
- iii. Inform all contractors, service operators and users of University facilities that they must comply with the requirements of the policy to meet our Environment Protection objectives.
- iv. Carry out inspection of any premises, plant, equipment, machinery, manufacturing or other processes, materials or substances and give, by order, of such directions to such authorities, officers or persons as it may consider necessary to take steps for the prevention, control and abatement of environmental pollution.
- Collect and disseminate information in respect of matters relating to environmental pollution.
- vi. Annually issue a report concerning the initiatives undertaken, results achieved and identifying matters for future course of action.

4. Green Practices Committee

The composition of the Green Practices Committee, which will form the core group within the Environment Protection Club, will be as under:



1	A Professor of the University as nominated by the Vice Chancellor	- Chairman
2	Dean of Students' Welfare	- Member
3	Chief Proctor	- Member
4	General Manager, Operations, Sharda Hospital	- Member
5	Superintending Engineer (Maintenance)	- Member
6	Chief Warden	- Member
7	Co-coordinators, National Service Scheme (NSS)	- Members
8	Dy. Registrar, Estate	- Convener

Barring the ex-officio members, the term of the above committee will be of two years.

2-3-2019 Registrar (1/c)

SHARDA UNIVERSITY

32, 34, Knowledge Park-III, Greater Noida-201310 (U.P.)

OFFICE OF THE REGISTRAR

SU/Reg./Notification/2023/005

January 13, 2023

Notification

Refer Notification dated October 25, 2022 vide serial number SU/Reg./Notification/2018/432 regarding; 'Sustainable Energy and Conservation Cell', which is being reconstituted, provided as under, on account of replacing/ relieving of certain members.

1.	Dr. Tarun Varshney, Professor & HoD-EE&CE, SSET	Chairman
2.	Dr. Hariom Sharma, Associate Professor, SSHSS & Member, IQAC	Member
3.	Dr. Suman Lata Dhar, Associate Professor, SSET & Member, IQAC	Convener
4.	Dr. C. Mohan, Assistant Professor, SSET	Member
5.	Mr. Shyam Sunder Sharma, Superintendent Engineer	Member
6.	Mr. Amar Singh Rathore, Sr. Executive Engineer, Maintenance	Member
7.	Mr. Sachin Kumar, Executive Engineer, Maintenance	Member

This bears the approval of the Competent Authority

(Vivek Kumar Gupta) Registrar

To,

· All Concerned

Copy for kind information:

- Chancellor/ Pro-Chancellor/ ED
- Vice-Chancellor
- Advisor
- All Deans
- · Controller of Examinations/ Finance Officer/ Chief Proctor
- All Directors
- All Administrative Heads of the respective Departments and Schools.
- · Notification file



OFFICE OF THE REGISTRAR

SU/Reg./Notification/2024/014

March 22, 2024

Notification

Refer Notification dated April 18, 2023 vide serial number SU/Reg./Circular/2023/003 regarding; 'Green Practices Committee', which is being reconstituted, provided as under, on account of replacing/ relieving of certain members:

1. Prof. Saleem Siddiqui, Sharda School of Agricultural Sciences

2. Prof. Pramod Kumar, Dean of Students' Welfare

3. Prof. Alok Gupta, Chief Proctor

4. Dr. Suman, Assistant Professor, Dept. of Environmental Sciences, SSBS&R

5. Dr. Krishna Kumar Pandey, Assistant Professor, SSBS&R & NSS-Coordinator - Member

6. Dr. Santhi Narayanan, Assistant Professor, SSBS & NSS-Coordinator

7. Sh. Sharat Chandra, Chief Warden

8. Sh. Pankaj Jindal, Manager (Operations), Sharda Hospital

9. Ms. Satyam, Dy. Registrar (Estate)

10. Sh. O.P. Shukla, General Manager, Maintenance

- Chairperson

- Member

Member

- Member

- Member

- Member

Member

- Member Member &

Convener

This bears the approval of the Competent Authority.

(Vivek Kumar Gupta) Registrar 4

To All concerned

Copy for kind information:

- Chancellor / Pro Chancellor / CEO
- Vice-Chancellor
- Pro Vice-Chancellor
- Advisor
- Medical Superintendent, Sharda Hospital
- Controller of Examinations/ Finance Officer/ Chief Proctor/ Librarian
- All Directors
- All Administrative Heads of the respective Departments and Schools
- Notification file

SHARDA UNIVERSITY

32, 34, Knowledge Park-III, Greater Noida- 201310 (U.P.)

OFFICE OF THE REGISTRAR

SU/Reg./Circular/2023/003

April 18, 2023

Circular

Refer Notification dated December 19, 2018 vide serial number SU/Reg./Notification/2018/439 regarding; 'Green Practices Committee', which is being reconstituted, provided as under, on account of replacing/ relieving of certain members:

1.	Prof. Saleem Siddiqui, Sharda School of Agricultural Sciences	- Chairman
2.	Prof. (Dr.) Brijendra Krishna Singh, Dean of Students' Welfare	- Member
3.	Prof. Alok Gupta, Chief Proctor	- Member
4.	- 보통하게 보통하게 보통하게 되면 하면 보통하게 보통하게 보통하게 하면 보면 하는 보통하게 하게 하고 있으면 보면 보면 보다.	- Member
5.	Dr. Krishna Kumar Pandey, Asstt. Prof., SSBS&R & NSS Co-ordinator	- Member
	Dr. Santhi Narayanan, Asstt. Prof., SSBS & NSS Co-ordinator	- Member
7.		- Member
8.	Sh. Sushil Kumar Das, Dy. GM (Operations), Sharda Hospital	- Member
9.	Ms. Satyam, Dy. Registrar (Estate)	- Member
10.	Sh. Shyam Sunder Sharma, Superintendent Er.	- Member &
		Convener

This bears the approval of the Competent Authority.

(Vivek Kumar Gupta)
Registrar

To, All concerned

Copy also for kind information:

- · Chancellor / Pro-Chancellor/ CEO
- Vice Chancellor
- Advisor
- All Deans
- · Controller of Examinations/ Finance Officer/ Chief Proctor
- All Directors
- All Administrative Heads of the respective Departments and Schools
- · Circular file

Courses on Environment Studies

School: SET SOL SMFE SBS-BBA		Batch: 2023-2027								
	R SOE SAP									
	gram: All	Current Academic Veary 2023-24								
	nch: All		Current Academic Year: 2023-24							
-			Semester: I							
1	Course Code	VAC103								
2	Course Title	Environment Management								
3	Credits	03								
4	Contact Hours (L-T-P)	3-0-0								
	Course Status	Compulsory								
5	Course Objective	 Enable students to learn the concepts, printimportance of environmental science Provide students an insight of various cause resource depletion and its conservation Provide detailed knowledge of causes, effect control of different types of environmental and its effect on climate change, global was ozone layer depletion. Provide knowledge of different methods of conservation Provide and enrich the students about sust practices and environmental management 	ses of natural ects and l pollution arming and of water							
6	Course Outcomes	CO1.Develop a better understanding of the scope of environmental science CO2. Acquire to learn various pollution cause control and solid waste management. CO3. Interpret the effect of global warming and depletion	es, effects and							
		CO4. Comprehend about various types of nat and its conservation CO5. Develop a better understanding about practices and environmental management CO6. Function effectively an overall und various environmental components, its pumanagement.	ut sustainable erstanding of rotection and							
7	Course Description	Environmental Science emphasises on various factors 1. Importance and scope of environmental science 2. Natural resource conservation 3. Pollution causes, effects and control methods 4. Sustainable and Environmental environment								
8	Outline syllabus		CO Mapping							
	Unit 1	Natural resource management	тирриіз							
		Introduction to Natural Resources	CO1/CO6							
	Λ	muoduction to matural inesources	CO1/CO0							

В	Management	Management of Land and Forest Resources						
С	Water and E	nergy resource	Management	CO1/CO6				
Unit 2	Environmen	tal Pollution	Management					
A	Air pollution	Control and V	Vater Pollution treatmen	t CO2/CO6				
	Methods	Methods						
В	Soil and Nois	se Pollution M	anagement	CO2/CO6				
С	Solid waste r	nanagement		CO2/CO6				
Unit 3		ange Mitigatio						
A	Concept of C	dobal Warmin	g and greenhouse effect	CO3/CO6				
В	Ozone layer	Depletion and	its consequences	CO3/CO6				
С			on ecosystem and its					
	mitigation. K	Kyoto protocol	and IPCC concerns on	1				
	changing clir	nate.						
Unit 4			ation and management					
A	Hot spots, En	ndangered and	endemic species of India	CO4/CO6				
В			abitat loss, poaching of	f CO4/CO6				
	wildlife, n	nan-wil <mark>dl</mark> ife	conflicts, biological	1				
	invasions							
C			ity: In-situ and Ex-situ	ı CO4/CO6				
		of biodiversity						
Unit 5	Sustainable	practices and	environmental					
	managemen	t						
A	Sustainable		nt and sustainable	e CO4/CO6				
	consumption consumption							
В			Management in India	CO4/CO6				
С	Environment Environment	al Managemer	nt System (EMS)	CO4/CO6				
Mode of	Theory							
examination	-	I						
Weightage	CA	MTE	ETE					
Distribution	25%	25%	50%					
Text book/s*								
			Erach Bharucha, Pub:					
0.1		swan Pvt Ltd	G T 1 1677 75	4				
Other		-	G. Tyler Miller, JR.					
References	and Scott E.	Spoolman; Bro	oks/Cole.					



Sch	ool: SHSS	Batch : 2022-2026					
	gram: BA	Current Academic Year: 2025-2026					
	search) Psy-						
	logy						
	nch:	Semester VIII					
Psy	chology						
1	Course Code	BPY469					
2	Course Title	Environment Psychology					
3	Credits	4					
4	Contact Hours (L-T-P)	4-0-0					
	Course Type	Major					
5	Course Objec-	1. · To understand the various perspectives on human-environment inter-					
	tive	relationships.					
		2. To explore the ways in which the environment influences our feelings					
		and experiences					
		3. To understand the major theories dealing with human-environment rela-					
		tions.					
		 To analyze and build intervention behavior aiming to change environ- mental behaviour. 					
6	Course Out-	CO1: The students will be able to understand the key concepts, theories,					
	comes	and methods in the field of environmental psychology.					
		CO2: The students will be able to understand the impact of personal space					
		on environmental behaviour.					
		CO3: The students will be able to understand the role of psychological processes (people's attitudes and beliefs) in their responses to environmen-					
		tal issues.					
		CO4: The students will be able to understand the environmental degrada-					
		tion processes and their impact on human life.					
		CO5: The students will be able to appreciate pro-environment behaviour					
		and human-environment transaction, and be able to design behavioral in-					
		terventions to minimize the adverse effects of anti-environment behaviour.					
		CO6: The students will be able to reflect upon and evaluate research ques-					
_	0 0	tions in this topic area.					
7	Course De-	The study of the interaction between people and their natural and built en-					
	scription	vironments is the focus of Environmental Psychology as a discipline. On					
		the one hand, Environmental Psychology focuses on the role of physical					

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		restore people's psychological resources. It investigates how their physical environments, for example, the psychology of or the processes involved in pro-environmental action. Sin the role of Environmental Psychology has been twofold: search and to apply the findings of that research in real life, ban design, environmental sustainability, health, education fields. Today, Environmental Psychology plays a critical repeople's awareness and behaviour.	f urban designee the 1960 to conduct resuch as in uron, and other tools in shapin
_	Outline syll		CO Mappin
	Unit 1 A	Introduction Emergence of environmental psychology and its growth: Definition and scope, Roles and functions of environmental psychologists.	CO1
	В	Salient features of environmental psychology; Recent trends and future directions in environmental psychology.	CO1
	С	Indian views on human-environment relationship	CO1, CO5
	Unit 2	Human-environment transaction	
	A	Personal space, territoriality, crowding.	CO1, CO6
	В	Indian research on crowding and personal space.	CO1, CO6
	С	Theoretical models: stimulus overload, behavioural con- straint, ecological and adaptation.	CO1, CO6
	Unit 3	Environmental Perception and Cognition	
	A	Environmental perception; Spatial Cognition; Environ- mental values and attitudes	CO2, CO3, CO5
	В	Attachment and Identity; Appraisal and Assessment	CO2, CO3, CO5
	С	Personal space; Privacy and territoriality	CO2, CO3, CO5
	Unit 4	Environmental Stress	
	A	Concept and types of stress; Sources of stressors: Cata- clysmic, ambient stressors, daily hassles	CO2, CO3, CO5
	В	Pollutions: noise, air, water, chemical and their consequences.	CO2, CO3, CO5
	С	Effects of physical environment on health	CO2, CO3, CO5
	Unit 5	Pro environmental behaviour	
	A	Changing the environmental destructive mindset.	CO4, CO5
	В	Environmental education, environmental prompts and cues.	CO4, CO5



C	Reinforcemen	CO4, CO5		
Mode of ex- amination	Theory			
Weightage	IA	EA		
Distribution	25%	75%		
Text book/s*	Kaur, G.(2020).Environmen	tal Psychology. Vikas Pub-	
	lishing House:	New Delhi.		
Other Refer-	 Fisher, 	J.D., Bell, P.	A., and Baum, A.	
ences	(1984)	.Environmenta	l Psychology. NY: Holt, Rin	-
		nd Winston.		
	Jain, U			
	on Cro	wding. New I	Delhi, India: Sage.	
	3. Jain, U	J., &Palsane, N	M. N. (2004).Environment and	d l
	Behav	iour.		
	A Panda	. I (2002) Pe	ychology in India revisited:	
			discipline. Vol. 3, Applied	
	Leven	opinents in the	discipline. vol. 5, Applied	
	social			
	SAGE			
	6. Nagar.	D. (2006). En	vironmental psychology. Nev	w
		India: Concep		

POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
COs											
COI	3	2	1	1	1	2	1	1	2	1	3
CO2	3	2	1	1	1	1	2	1	1	1	1
CO3	2	2	2	2	2	1	2	1	1	2	3
CO4	2	2	2	2	2	1	2	1	1	2	3
CO5	2	2	2	1	1	1	1	1	2	1	2
CO6	2	3	2	2	2	2	1	1	2	2	1

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13 CLIMATE ACTION



13.1 University Measures Towards Research on Climate Action

Sharda University is committed in tackling climate change through research, policy and partnership. Climate change is the most devastating and catastrophic threat to our planet, and urgent action is required to mitigate its impact. The future of our planet depends upon the way we act and manage the climate change with education and research at the centre. Sustainable Development Goal 13 focuses on taking urgent action to combat climate change and its impacts. SDG 13 affects the entire global population and environment and is strongly dependent on scholarly research. The goal emphasizes the need for global cooperation to address the adverse effects of climate change and to build resilience against its impacts. Sharda University has made great strides toward environmental sustainability through demonstrating dedication in teaching and research and waste management procedures, energy conservation efforts, and environmental education.

13.1.1 Climate Action: Cite Score

Response: University research publications are in top rated journals

As sustainability becomes an increasing priority throughout global society, Sharda University are assessed on their contribution to relevant research publications. The University produces comparable quantities of publications.

13.1.2 Climate Action: FWCI

Article Field Weighted Citation Impact (FWCI) indicates how the number of citations received by an article compares to the average or expected number of citations received by other similar publications. Similar publications are determined by year, type, and discipline.

13.1.3: Climate Action: Publications

Response: Sharda University is committed to promoting sustainable practices and addressing global challenges through education, research, and collaboration.

This statement aims to highlight our partnerships, collaborative efforts, and contributions towards the achievement of Sustainable Development Goals (SDGs) through our publications in area of climate change and action.

School	Department	Title of paper	Month of Publication	Name of journal	Year of publication	ISSN number
Sharda School of Basic Sciences & Research	Environmental Sciences	Improving exergo-enviro- economic parameters and annual productivity of double slope solar desalting unit by incorporating concentrator integrated evacuated tubular collectors	September	Desalination and Water Treatment	2023	1944-3994
Sharda School of Law	Law	Predicted Impacts of Climate and Land Use Changes on Plant Diversity	February	African Journal of Biological Science	2024	2663-2187

Sharda School of Pharmacy	Pharmacy	Insights into photocatalytic CO2 reduction reaction pathway: Catalytic modification for enhanced solar fuel production	March	Journal of Industrial and Engineering Chemistry	2024	1226-086X
Sharda School of Pharmacy	Pharmacy	Photocatalytic CO2 reduction using metal and nonmetal doped TiO2 and its mechanism	March	Reaction Kinetics, Mechanisms and Catalysis	2024	1878-5204
Sharda School of Business Studies	Management	A Bibliometric Review Of Green Finance: Current Status, Development And Future Directions	December	Folia Oeconomica Stetinensia	2023	1730-4237
Sharda School of Basic Sciences & Research	Life Sciences	Wired for Energy: Electromethanogenesis Redefining Anaerobic Digestion	March	Process Safety and Environmental Protection	2024	0957-5820
Sharda School of Engineering & Technology	Civil Engineering	Sustainable construction: unveiling the potential of hempcrete in the modern era	April	Asian Journal of Civil Engineering	2024	1563-0854
Sharda School of Basic Sciences & Research	Environmental Sciences	Inroads into saline-alkaline stress response in plants: unravelling morphological, physiological, biochemical, and molecular mechanisms	April	Planta	2024	1432-2048
Sharda School of Basic Sciences & Research	Life Sciences	Microbial enzyme production: Unlocking the potential of agricultural and food waste through solid-state fermentation	June	Bioresource Technology Reports	2024	2589-014X
Sharda School of Basic Sciences & Research	Life Sciences	Biological machinery for the production of biosurfactant and their potential applications	May	Microbiological Research	2024	0944-5013
Sharda School of Basic Sciences & Research	Chemistry & Biochemistry	Investigation on water defluoridation via batch and continuous mode using Ce–Al bimetallic oxide: Adsorption dynamics, electrochemical and LCA analysis	April	Environmental Pollution	2023	0269-7491
Sharda School of Business Studies	Management	Correction to: Inequality consequences of natural resources, environmental vulnerability, and monetary-fiscal stability: a global evidence	January	Environmental Science and Pollution Research	2023	0944-1344
Sharda School of Basic Sciences & Research	Chemistry & Biochemistry	Effect of nano SiO2 on the properties of composite cements	May	Materials Today: Proceedings	2023	2214-7853
Sharda School of Basic Sciences & Research	Life Sciences	Biogas upgrading by hydrogenotrophic methanogens: an overview	Aug <mark>ust</mark>	Waste and Biomass Valorization	2022	1877-2641
Sharda School of Media, Film & Entertainment	Mass Communication	Environmental Information Policy in India feed Pro-Environment Industry Operation: A Case Study of EIA Report on Proposed	February	Macromolecular Symposia	2023	1022-1360

		Integrated Steel Complex Site,				
		Halakundi, Karnataka	<u> </u>		<u> </u>	
Sharda School of Basic Sciences & Research	Mathematics	Carbon Tax and Inflationary Conditions under Learning Effects: A Green EOQ Inventory Model	February	Macromolecular Symposia	2023	1521-3900
Sharda School of Basic Sciences & Research	Mathematics	A green realistic inventory model with preservation technology for deteriorating items under carbon emission	March	Materials Today: Proceedings	2023	2214-7853
Sharda School of Engineering & Technology	Biotechnology	Role of Polyamines in Molecular Regulation and Cross-Talks Against Drought Tolerance in Plants	September	Journal of Plant Growth Regulation	2022	0721-7595
Sharda School of Basic Sciences & Research	Life Sciences	Recent advances and challenges in the utilization of nanomaterials in transesterification for biodiesel production	April	Heliyon	2023	2405-8440
Sharda School of Design, Architecture & Planning	Architecture	Partial replacement of cement and fine aggregate in mortar material by using carbon sequestration technique	April	Materials Today: Proceedings	2023	2214-7853
Sharda School of Basic Sciences & Research	Chemistry & Biochemistry	Hydration of Portland slag cement in the presence of nano silica	June	Materials Today: Proceedings	2023	2214-7853
Sharda School of Basic Sciences & Research	Life Sciences	A critical review on nanotechnological advancement in biogas production from organic waste	June	Biomass Conversion and Biorefinery	2023	2190-6815
School of Basic Sciences & Research	Life Sciences	Recent Developments in Lignocellulosic Biofuels, a Renewable Source of Bioenergy	April	Fermentation	2022	2311-5637

13.2 Low-carbon Energy Use

Response: Newly constructed building is energy efficient and energy audit is conducted by third party to check the efficiency.

Sharda University is strongly committed to the goal of environmental sustainability and playing an impactful role to ensure compliance in terms of SDGs. The quality and scale of Sharda university efforts to transform it into a sustainable campus have been duly recognized by Indian Green Building Council (IGBC) created the GRIHA (Green assessment for Integrated Habitat Assessment). The University is meaningfully contributing to Climate Action, through the important measures and frameworks wherein Sharda University newly constructed building is energy - efficient and sustainable buildings, which can significantly reduce energy consumption to promote clean energy. The Indian Green Building Council (IGBC) created the GRIHA (Green assessment for Integrated Habitat Assessment) assessment system evaluates all Indian buildings' environmental performance where Sharda University newly constructed building is certified by GRIHA in the case of a university building means that the structure uses sustainable features and

adheres to environmentally conscious practices. GRIHA places emphasis on a number of important elements. In order to minimize energy usage, the building should include energy-efficient technology like insulation, solar panels, and energy-efficient lighting systems. To reduce water usage and handle water resources efficiently, the building should have wastewater treatment facilities, rainwater harvesting systems, and water-efficient fixtures installed. The planning and selection of the building's site should give special

consideration to the building's accessibility to public transit, waste management systems, and green spaces, all of which will lower pollution and provide a healthier atmosphere. The choice of materials for the building should take into account the building's life cycle impact, as well as the usage of low-carbon and sustainable resources and minimal waste production. To give residents a healthy and cozy environment, the building should guarantee excellent thermal comfort, natural lighting, and indoor air quality. GRIHA-certified university buildings using these ideas to provide healthier environments for workers and students, lessen their negative effects on the environment, and promote sustainable development.



Fig.1. GRIHA Certified Building

The university buildings are IGBC1 and LEED2 certified, and steps have been taken to increase energy efficiency by adding solar panels, energy-efficient lighting in new construction, lean occupancy sensors in restrooms, reviewing, analysing, and renovating laboratories for operational safety and environmental preservation, computing carbon footprints, and launching initiatives to

achieve carbon emission neutrality. To update our Energy consumption analysis and conservation strategy, we constantly evaluate how we consume energy and look for areas where we can improve. Through energy-efficient practises in campus operations, this aids in the optimisation and wise use of energy. We're dedicated to moving towards clean and green energy initiatives. With the assistance of university management, strategic activities have been launched for transition to "clean power" and lessen reliance on "fossil fuels" in order to accomplish energy efficient building. Selected hostels now have solar water heaters and a 430kwp solar power plant has been erected to switch from entirely relying on captive power to solar power.



Fig 2: ISO50001:2018 Certification for Energy Conservation

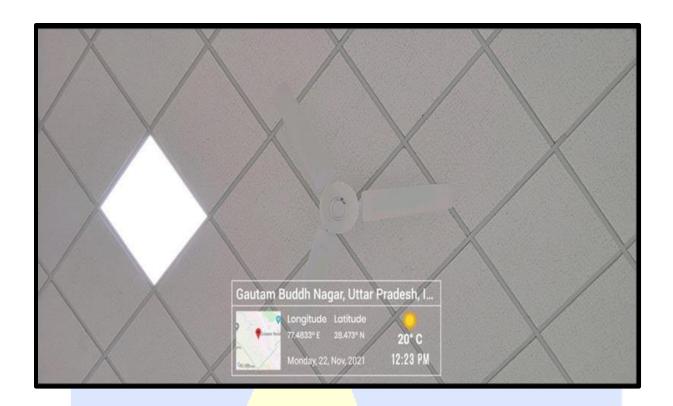


Fig.3. BLDC Fans in Building



Fig.4. LED Lights in Building





Fig. 5 & 6: Solar Lights in Buildings



Fig. 7: Sensor Lights in Washroom



Fig. 8: Heat Protected Films are used on Windows for Energy Conservation

Biogas Plant and Eco-Friendly vehicles for carbon management

To encourage carbon reduction and less carbon dioxide emission, Sharda University has started green campus projects. These programmes include energy conservation, waste management, energy-efficient building construction, and the promotion of environmentally friendly transportation choices. Indian universities conduct campaigns and outreach initiatives to inform students and the community at large about the significance of clean energy. The aforementioned programmes seek to raise awareness, facilitate behavioural modifications, and stimulate the integration of clean energy practices throughout society. Sharda University also take initiative to develop new innovation to detect and prevention of Carbon emission not only in campus also in different areas of Greater Noida. A biogas power plant is installed to facilitate undergraduate and post graduate students in the study and usage of renewable energy. The 15 cubic meter biogas plant is set up behind Mandela Hostel. Food waste of 100- 300 kgs approx per day drawn from Mess canteens and added with cow dung water mixture is used as raw material. The raw material content takes 3-4 days for biogas formation which is used to regenerate approx. 4KVA electric energy. Thus, food waste is converted into a resource and creating value in the form of electric power generation. The plant is utilizing the recent technology to generate the efficient energy.



Fig. 9: 5KV Biogas plant of the University

13.3 Environmental Education Measures

Sharda University is very much impactful to integrate the climate action perspective into its academic programs, research, and extension activities. University has an Environmental Science department that design, formulate and implement academic programs, course work, and campusbased projects in the area of Environment and sustainability. A core course of 'Environmental Studies' for all UG programs provides a basic understanding of environment and sustainability including the 'climate change and SDGs component' in their very first year, while minor degree programs like environmental management, Climate Science, Renewable Energy provide scope for more specialization.

13.3.1: Local Education Programmes in Climate

Response: Climate change related courses being taught in different schools of Sharda University and environmental events organised for educating the public

Sharda University has the policy to have fully dedicated or part of the curriculum focusing on the climate change and its impact on the survival of the human being. The University has a policy to focus on the research conducted by the faculty members and the students to address the climate change and its impact. At Sharda University, we undertake introducing students to the conceptual and theoretical aspects related to climatic change and related aspects, through various courses being taught in different schools of Sharda University.

Programme Code	Programme Name	Course Code	Name of the Course	Course Description (As Per The Course Module)
SOE0103	B.A. B.Ed.	BIA205	Climatology opics include at scale circulations, storms and cyclones, and so forecasting. Climatology topics include interaction between the atmosphere and oceal long time periods, climate classification, and potential for climatic change. Climatology Climatology This course talks about the nature and scope environmental science, about different nature resources, like water, air, minerals, food, eneroland. It also focuses upon the measures to prepare those resources.	
SOE0103	B.A. B.Ed.	EVS113		
SAS0104	Master of Science Agriculture (Agronomy)	MAG503	Agro-meteorology and crop ecology	This course is designed to impart practical knowledge crop ecology and its modification, measurement of weather parameters about agrometeorology and crop weather forecasting to meet the challenges of aberrant weather conditions.
SAS0104	Master of Science	MAG701	Dryland farming and watershed management To teach the basic concepts and practices of farming and soil moisture conservations.	

	Agriculture (Agronomy)				
SAS0104	Master of Science Agriculture (Agronomy)	MAG604	Modern concepts in agronomy	This course is designed to acquaint the students about the recent developments in agronomy and resource management	
SAS0104	Master of Science Agriculture (Agronomy)	MAG601	Principles and Practices of Weed Management	To familiarize the students about the weeds, herbicides and methods of weed control.	
SAS0104	Master of Science Agriculture (Agronomy)	MAG502	Soil fertility and nutrient management	To impart knowledge of fertilizers and manures as sources of plant nutrients and apprise about the integrated approach of plant nutritionand sustainability of soil fertility.	
SBR0501	Bachelor of Science (Hons.) Agriculture	AGL109	Agricultural Heritage	To acquaint the present day agriculture students about our ancient and traditional agricultural systems and practices. This will enable us to build the future research strategy also.	
SBR0501	Bachelor of Science (Hons.) Agriculture	AGP301	Crop production technology-I (Kharif crops) Lab	This course is designed to make students familiar with the kharif crops sowing season and their production technologies.	
SBR0501	Bachelor of Science (Hons.) Agriculture	BAG341	Diseases of Field and Horticultural crops and their Management-I	This course is designed to give knowledge about the diseases which are normally occurs in the field which damages the crop and reduces the yield of the crop and Diseases cycle and their management.	
SBR0501	Bachelor of Science (Hons.) Agriculture	AGL306	Farm Machinery and Power	This course is designed to provide basic knowledge about agricultural equipment and their application in agriculture.	
SBR0501	Bachelor of Science (Hons.) Agriculture	AGL204	Fundamental of Agriculture Economics	The course agricultural economics is an applied discipline with a broadly based application to development theory. The students will be able to relate and design the economy based on agriculture	
SBR0501	Bachelor of Science (Hons.) Agriculture	AGL208	Fundamentals of Agricultural Extension Education	This course will help the students in understanding the planning and implementation of plans at village level for increasing agricultural production	
SBR0501	Bachelor of Science (Hons.) Agriculture	AGL105	Fundamentals of Rural Sociology, Educational Psychology	This course is important for the students in order to understand the rural life and rural set up as agriculture is the basis of life there.	
SBR0501	Bachelor of Science (Hons.) Agriculture	AGL110	Introduction to Life Sciences	To understand the basic concept of nomenclature, classification, seed germination, and importance of animals in agriculture.	
SBR0501	Bachelor of Science (Hons.) Agriculture	AGL310	Introductory Soil & Water Conservation Engineering	The student will get aware of the Soil and water which are two important natural resources and the basic needs for agricultural production.	

SBR0501	Bachelor of Science (Hons.) Agriculture	BAG350	Management of Beneficial Insect	This course is designed to give knowledge about the different types of insects which help in different types of agriculture practices.	
SBR0501	Bachelor of Science (Hons.) Agriculture	AGL307	Principles of Integrated Pest and Disease Management	This course is designed to make students proficient in IPM. They also learn about certain properties of IPM, its principles and its ecological management etc.	
SBR0501	Bachelor of Science (Hons.) Agriculture	AGL205	Principles of Organic Farming	This course is designed to give knowledge about the organic farming which should be done by the farmers which are so beneficial for the environment.	
SBR0501	Bachelor of Science (Hons.) Agriculture	AGL403	Principles of Seed Technology	This course is designed to give knowledge on seed and seed testing for quality assessment	
SBR0501	Bachelor of Science (Hons.) Agriculture	AGL207	Production Technology for Vegetables and Spices	This course is designed to learn about the production technologies of vegetables and spices for increase the quality as well as productivity of crops.	
SBR0501	Bachelor of Science (Hons.) Agriculture	BAP401	Student READY Programme (Plant Clinic)	This course is designed to make students the best means to produce well trained agricultural graduates with broad based knowledge and techniques to meet the emerging challenges.	
SBR0701	Master of Science (Water Resources and Environmental Management/ Environmental Science)	MES101	Climatology and Oceanography	To develop thorough understanding of various meteorological and oceanographical components and how these components interact with each other for the formation of weather. Further with the passage of time how these factors contributes to the formation of climate.	
SBR0701	Master of Science (Water Resources and Environmental Management/ Environmental Science)	MES109	Global Climate System and Sustainable Development	To develop in-depth understanding of climate and its related components. Factors that affecting the climate and leads to climate change, Various policies, regulations and efforts taken at global level in tackling the problem of climate change. Further the course also throws light on the interrelationship between sustainable development and climate change mitigation	
SAP0102	Bachelor of Architecture	ART315	Environment, Sustainability & Services - IV	Building services engineering, technical building services, architectural engineering, building engineering or facilities and services planning engineering refers to the implementation of engineering for the internal environment and environmental impact of a building.	
SAP0102	Bachelor of Architecture	ART309	Environment, Sustainability & Services-III	Building services are the systems installed in buildings to make them comfortable, functional, efficient, and safe. Building services include Building control systems. Energy distribution. Energy supply (gas, electricity, and renewable	

				sources such as solar, wind, geothermal and biomass). This course is designed to give architects an overview and introduction to HVAC and Vertical Transportation; and architectural considerations and their coordination with other services and architectural designs. Building services are the systems installed in buildings to make them comfortable, functional,
SAP0102	Bachelor of Architecture	ART225	Environment, Sustainability and Services -III	efficient and safe. Building services might include: Building control systems. Energy distribution. Energy supply (gas,electricity and renewable sources such as solar, wind, geothermal and biomass). This course is designed to give architects an overview and introduction to Plumbing systems; and architectural considerations and their coordination with other services and architectural designs.
SAP0102	Bachelor of Architecture	ART154	Environment, Sustainability and Services-I	The course includes topics such as beliefs, meanings, values and attitudes of individuals or groups concerning various environments such as neighbourhoods, cities, transport routes and devices, or recreational areas; evaluation and effectiveness of environments designed to accomplish specific objectives; Interrelationships between human environments and behavioural systems; practises aimed at controlling environments and behaviour. • The subject will have assignments in line with the understanding obtained from design studio, building materials & construction and history of architecture.
SAP0102	Bachelor of Architecture	ART202	Environment, Sustainability Services-II	This course aims to introduce the study of climate in the built environment from an architectural point of view and establishes the link between the climate of a place, thermal comfort, and the building design. It also prepares students to design climate responsive buildings.
SAP0102	Bachelor of Architecture	AEJ201	Vernacular: Architecture without Architect	Vernacular buildings comprise 99% of the buildings of the world. They are those buildings which spring from local custom and practice, that are usually not the result of what we today consider to be mainstream architectural practice. It provides powerful insights into fundamental issues of architecture. Its study provides insights into architectural form and typology, the building process, the relationship between buildings and human activity, the connection of buildings to geography, the ways in which material culture expresses social and cultural values.

SET0301	Bachelor of Technology (Civil Engineering)	BTY371	ECOLOGY AND ENVIRONMENT	This course will cover the basics of Ecology and Environmental Sciences to students coming from different background.	
SET0502	Master of Technology (Electronics & Communication Engineering)	ECP830	Advanced Signal Processing Lab	A wireless sensor network (WSN) generally consists of compact low power sensors, which collect information and pass the information via wireless networks to achieve a high level of desired monitoring and control in coordinated manners. WSN applications can be found in areas such as environmental monitoring, smart energy systems, battle field surveillance, home automation, medical monitoring, mobile computing, etc. WSN has integrated network engineering, embedded system engineering and sensor technology.	
SET0502	Master of Technology (Electronics & Communication Engineering)	ECE838	Low Power VLSI Design	This is a course on the design and applications of low power integrated circuits. This course introduces various strategies and methodologies for designing low power circuit and systems. It describes the many issues facing designers at architectural, logic, circuit and device levels and presents some of the techniques that have been proposed to overcome these difficulties.	
SHS0116	Master of Arts (Modern History)	MAH153	History of contemporary world up to 2000CE	As our world grows smaller with each new technological advance, it becomes increasingly important to know and understand that world and our place in it. The main focus of this course is to enlighten the students with world history and global issues throughout the second half of the 20th Century. As students study Themes e significant global events, they will consider the influence of geo-graphic settings, cultural perspectives, economic systems, and vari-ous forms of government. Contemporary world history will help the students to learn the origins and history of several international or-ganization, international politics and even the conflicts that occupy the world around us. This course will provide students with a solid grounding in contemporary world history and ideally encourage then to pursue further historical interests.	
SHS0129	Bachelor of Arts (Political Science)	BPO252	ENVIRONMENT LAW AND INTERNATIONAL RELATIONS	This course traces the history and emergence of global environmental cooperation and lack thereof. We examine the actors, institutions, debates, historic moments, and crosscutting issues that shape global environmental politics. We deliberate the rise of big NGOs and multinational corporations, and the power they wield in contemporary global policy. Finally, we look	

		_		ahead at the biggest challenges facing global environmental politics in the 21st century. This includes discussions on
				environmental science and expertise, climate refugees, the rise of populism, and most recently, pandemics. Students should expect to develop an overview of key issues in global environmental politics and think critically
SHS0130	Bachelor of Arts (Geography)	BGP159	CARTOGRAPHY I	about what works and what needs work. Geography is an amalgam of physical as well as social sciences and as such, it is necessary for the students to go through laboratory exercises, particularly construction of different diagrams based on statistical data, introduction of toposheets and identification of landforms by the shapes of contour.
SHS0130	Bachelor of Arts (Geography)	BGP164	CARTOGRAPHY-II	Geography is an amalgam of physical as well as social sciences and as such, it is necessary for the students to go through laboratory exercises, particularly basic morphometric techniques.
SHS0130	Bachelor of Arts (Geography)	BGO257	CLIMATOLOGY	This paper on Climatology is structured into components of aspects of atmosphere to emphasize the constituents of the atmosphere, the dynamic nature of the processes associated with it and their contribution in making the Earth habitable. The course content also leads to the identification of climatic differentiation on the earth, and the consequences of human activities on the atmospheric processes.
SHS0130	Bachelor of Arts (Geography)	BGP158	ELEMENTS OF MAP AND SURVEYING	Geography is an amalgam of physical as well as social sciences and as such, it is necessary for the students to go through laboratory exercises, particularly construction of scale and map projections. To achieve this objective, the concepts of scale, projection and surveying are to be understood at the initial stage.
SHS0130	Bachelor of Arts (Geography)	BGO251	ENVIRONMENT, DISASTER MANAGEMENT AND CLIMATE CHANGE	The course aim is to give basic understanding of concept Environment and Disaster Management. Student will know the basic concept of appraisal of environmental problems and will also know about some efforts of Indian Government for conservation of environment and natural resources. This will help in developing understanding about various impacts of climate change. The student will be able to

				understand the global efforts to improve the environmental problems faced by mankind. The difference among disaster, hazards, Risk and vulnerability can be identified. This course introduces the basic concepts related to disaster
				Management.
SOL0101	BBA LL.B (H)	OPE204	SUSTAINABLE DEVELOPMENT AND ENVIRONMENTAL MANAGEMENT	The course objectives of Sustainable Development and Environmental Management typically focus on educating students about the principles, challenges, and strategies related to achieving sustainable development while effectively managing environmental resources.

Sr. No	Name of the event	Date of the event
1	One Day Workshop for Research Project Flood disaster resilient	27 th July,2023
	hydraulic design for bridges exposed to climate change sponsored by	
	the Coalition for Disaster Resilient Infrastructure (CDRI), New Delhi.	
2	Lecture on Innovations in Adaptation to Climate Change in Dryland	10 th January,2023
	Agriculture Sharda School of Agricultural Sciences	
3	Department of Anatomy, is organizing an event on World	6 th June, 2023
	Environment Day with the theme Beat Plastic Pollution	
4	Celebration of World Environment Day	3 rd June, 2023
5	World Environment Day celebration (Online E-Poster making	5 th June, 2023
	competition)	

In line with the same, a number of events are conducted on a regular basis which focuses on the issues related to climatic change. Sharda University was awarded by Sustainable Institutions of India Green Ranking for practicing sustainable education.

IN PURSUIT OF EXCELLENCE TOWARDS PRACTICING SUSTAINABLE EDUCATION, THIS CERTIFICATE IS AWARDED TO

SHARDA UNIVERSITY

Institutional Grade : A+

Institutional Band / Category : Diamond

R World Institutional RANKING = = =

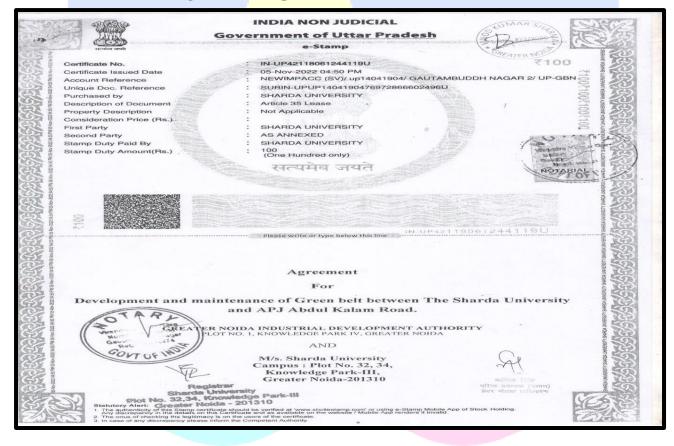
Executive President

30 March 2023

Fig. 10: Certificate of Excellence for Sustainable Education

13.3.2 Climate Action Plan, Shared

Response: Various MoUs have been signed with different academic and government bodies related to climate change and action plans.



Date of execution of agreement: ...12:06:23

Date of Effectiveness:Date of Completion:Signage & Nos. of Boards:
13: 0.6: 23

12: 0.6: 25

Signage & Nos. of Boards:-

This Agreement (hereinafter called the "Agreement") is made the day of the month of Between, on the one hand, Greater Noida Industrial Development Authority (hereinafter called "Authority" or "GNIDA") and, on the other hand, M/S. Sharda University (hereinafter called "the Adopter").

WHEREAS

- a) The Adopter has agreed to adopt the Green Area on behalf of Greater Noida Industrial Development Authority and the Scope of Work for the Adopter shall include but not limited to the following:
 - Development & maintenance of Green Area
 - · Cultivating flower beds, trees and shrubs
 - Cultivating Vegetables/Food gardens/Community Gardens
 - Raking Leaves
 - · Picking up litter
 - · Removing graffitri
 - Pulling Weeds

The Adopter shall be responsible for maintenance & development of the adopted Green Area and the entire cost thereof shall be borne by the Adopter. The Term of Agreement shall be initially for a period of 3 years. The Adoption term may be renewed or extended for another period of 2 (two) years should the performance found satisfactory by the Authority after the Authority has made its own due evaluation. NOW THEREFORE the Parties hereto hereby agree as follows:

- The following documents attached hereto shall be deemed to form an integral part of this Agreement:
 - a. Application Form
 - b. General conditions of Agreement
 - c. Annexure B: Location and Area Details of Adopted Green Area
 - d. Annexure C: Operational Plan for Adoption
- f) The mutual rights and obligations of the Authority and the Adopter shall be as set forth in the Agreement.

IN WITNESS WHEREOF, the Parties hereto have caused this Agreement to be signed in their respective names as of the day and year first above written.

For and on behalf of the Greater Noida Industrial Development Authority (GNIDA) In Charge, Horticulture Department, GNIDA
For and on behalf of << M/s Sharda University >>
<< Signing Authority for the Adopter>>

Registrar
Sharda University
Plot No. 32,34, Knowledge Park-III
Greater Noida - 201310

्रेसिया । वरिष्ठ प्रसन्देश (उद्यान) वेटर नोएडा प्राविकरण

Fig. 11 & 12: MoU with Greater Noida Industrial Development Authority

13.3.3 Co-operative Planning for Climate Change Disasters

Response: Community connect course is mandatory for visit to the local community groups

Sharda University plans visit to nearby community villages for sharing the measures with the local community groups through awareness and series of questionnaires to collect the ground data for enlightening them. The University has a policy to conduct the community outreach and awareness programs in the society to make the people about the climate change. Community connect is a part of course structure with 2 credit weightage to make it mandatory for the students to visit the village to understand their issue, connect with them and suggest proper solutions and raise awareness.

Sr.N	o S	School	Торіс		
]	Name		Place of visit	Date of visit
1		SSBS	Creating awareness about	Greater Noida	26/2/2024 to 2/3/2024
			Environment and Climate change		
			among individuals in the community		
			in general		
			/		
2	S	SSBSR	Impact of Climate Change on Crops	Kherli Hafizpur, Near	17-02-2023
			Adaptation and Strategies to Tackle	Dankaur	
			Its Outcome	, Greater Noida	
			Name of the state		
3	S	SSBSR	Role of Keystone species in	Kherli Hafizpur, Near	17-02-2023
		1	reducing global warming	Dankaur, Greater Noida	
4	S	SSBSR	Awareness about carbon footprint	Kherli Hafizpur, Near	17-02-2023
				Dankaur, Greater Noida	
5		SOL	Impact of climate change on rural	Behlopur, Greater	19-01-2024
			agriculture: Adaptation strategies	Noida	
			and resilience building		
6		SSAS	Assessment of the impact of climate	Khurshedpura village,	19-02-2024
		· ·	change on crop production and the	Greater Noida	
			management practices adopted by		
			the farmers		
					/

13.3.4 Inform and Support Government

Response: University conducts several knowledge sessions and training programmes for disaster preparedness

WHITE IN COLUMN AS ASSESSED.	by the program Secretar	riat/Program coordinator	
within 10 days of event comple SECTION A: Event Detail	enon jor recora. Reports	s should be 2-4 pages	
Event title:	Disaster Manageme	nt for Faculty and students	
Date of the event:	25-04-2023	Duration of Event (1
Name of the event organizing School		SHSS	
Name of the event organizing Department		SHSS	
Sponsor of the Event (Sharda University in case of internal sponsorship)	Sh	narda University	
	Patron	Prof (Dr.) Anviti Gupta	
Committee Members:	Convener	Dr. Shradha	
Committee Members:	Coordinators	Dr. Saurabh Shrivastava Dr. Ritu Chaku	
	Co-coordinators	Dr. Ashu Kumari	
Chief Guest/ Guest of Honor with affiliation (If any)		Shri Vinod Bharadwaj	
	Shri Dalbir Singh	Master Trainer	
Name of Speaker/s with affiliation (If	Shri Sher Singh Shri Rakesh Kumar	Trainer Trainer	-
	Shri Rakesh Kumar	Trainer	

Fig. 13

SECTION B: Event Report and Reflection

- 1. Event Objectives—This event focused on sensitizing the students and faculty to what are emergency situations which are disastrous in nature, a disaster can be natural or manmade event which results in widespread human loss, loss of livelihood, property, vegetation and so on Natural Disaster can be classified as Atmospheric, Terrestrial, Aquatic, Biological. The Chief guest and Speakers, trainers were invited from Organization of Disaster Managers, New Delhi. The organization aims to build a safer and disaster resilient India by a holistic, pro-active, technology driven and sustainable development strategy that involves all stakeholders and fosters a culture of prevention, preparedness and mitigation.
- 2. Event Description Hence it was a hunds-on, practical experience for SHSS faculty and around 250 students (youth of our country) who were sensitized to disastrous events/mishaps in which how can they handle the situations and help to five first aid, administer CPR, lifting up the casualties in various different ways and escaping from the fire area, earth quake area to bandle disastrous situations like earthquake, fire incidents, etc Ten students of SHSS volunteered in various activities during this event.
 - 1. Participants (Compulsory for Events):

S. No	Total Participants	Number of Male	Number of Female
	275	136	139

2. Budget distribution from University/any other agency: 1500 rupees

3. Appendices

Please attach the following details in the report Note that the participant contact list is a mandatory requirement.

Participants feedback on the organized program.

The summary is based on the responses received from 207 participants. 156 out of 207 who attended the webinar were students. 140 were from the Department of Psychology, rest were from history, political science, sociology and education. Many participants volunteered for physically learning the life-saving acts with their partner friends. The speaker addressed every participant's query. The participants found the session to be very interactive. Almost all the participants found the session very useful. Majority of the students reported that the session was very relevant and easy to understand. Most of them reported that the speaker had command over his subject. Two third of the participants felt that they got to know many situations which may be fatal for others but

Fig. 14

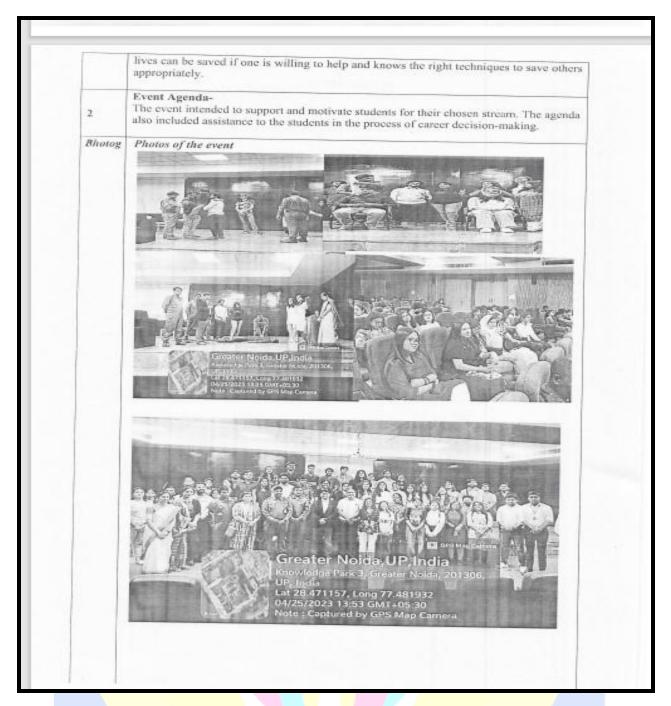


Fig. 15

13.3.5 Environmental Education Collaborate with NGO

Response: University engages students, faculty in environmental and climate awareness through academic networking with all possible stakeholders including government agencies and NGOs

The University has a vision to have collaboration with the other Universities, Government and Non-Government organizations on the matter of the Climate action. The University has the policy to have maximum involvement of the students in the Climate Action Plan and Framework developed. The University has the policy to avoid use of the Plastic on Campus. The University has a policy to encourage and educate the students to save electricity and void carbon emission. The University has the policy to keep the university activities synchronized with the research reports published by the various climates monitoring organization. Considering the changing scenario of the climate, the University has focus to update the climate change framework, as and when required and specified by the State Government, Central Government and various regulatory bodies including the guidelines given by the University Grants Commission.

University collaborates with NGOS for tree plantation drive and celebration of earth day for sensitising the public and students for environmental conservation. Several campaigns for effect of climate change such as dengue spread and their awareness for erratic rainfall and the spread of water borne diseases due to climate change has been conducted.

	Event Complet	юп керогт	
Section A: Event Details			
Event title:	Earth Day Cele	bration	
Starting date of event:	16 th April, 2023	Duration of Event (in days)	01 Da
Name of the event organizing School	Sharda School Planning	of Design, Architecture	and
Name of the event organizing Department	Architecture		
Sponsor of the Event (Sharda University in case of internal sponsorship)	Sharda University		
Event Calendar Link:	https://shorturl.at/CDEK1		
	Advisor	'Tears of Earth' - NGO	
Committee Members:	Convener	Dr. (Prof.) Dipti Parash Dean SSDAP) Associate Prof. Abhay F (HOD, Department of A SSDAP) Dr. Krishna Kumar Par coordinator, NSS Cell (S	Caushik rchitectur
	Organizing Secretary	University) Ms. Sonam Batra Dr. Nikhat Parvez Mr. Shahzeb Rahman Ms. Namita	

Fig. 16

Name of Speaker/s with affiliation and Contact Details

Mr. Rumit Walia , Manager, Youth Initiatives – India, EARTHDAY.ORG, 9654940577, walia@earthday.org

SECTION B: Event report and reflection

Program Objective:

This event had following objectives: -

- To instil social responsibility, groom overall personality and create awareness on social issues.
- To learn that Clean Up will build environmental stewardship and teach students the importance of reducing, reusing, and recycling to decrease the amount of waste we produce.

Program Description:

Department of Architecture, School of Design, Architecture and Planning (SAP), Sharda University has organized an Earth Day for 1st Year and 2st Year B. Arch Students in collaboration with NSS Cell (Sharda University) and NGO 'Tears of Earth'.

Participants:

Total No. of Participants	Number of Male	Number of Female
36	19	17

List of Faculty:

	List of Facu	lty
SR. NO.	NAME	
1	Ms. Sonam Batra	5/3/m:
2	Dr. Nikhat Parvez	Walled
3	Mr. Shahzeb Rahman	Falmon.
4	Ms. Namita	ALL

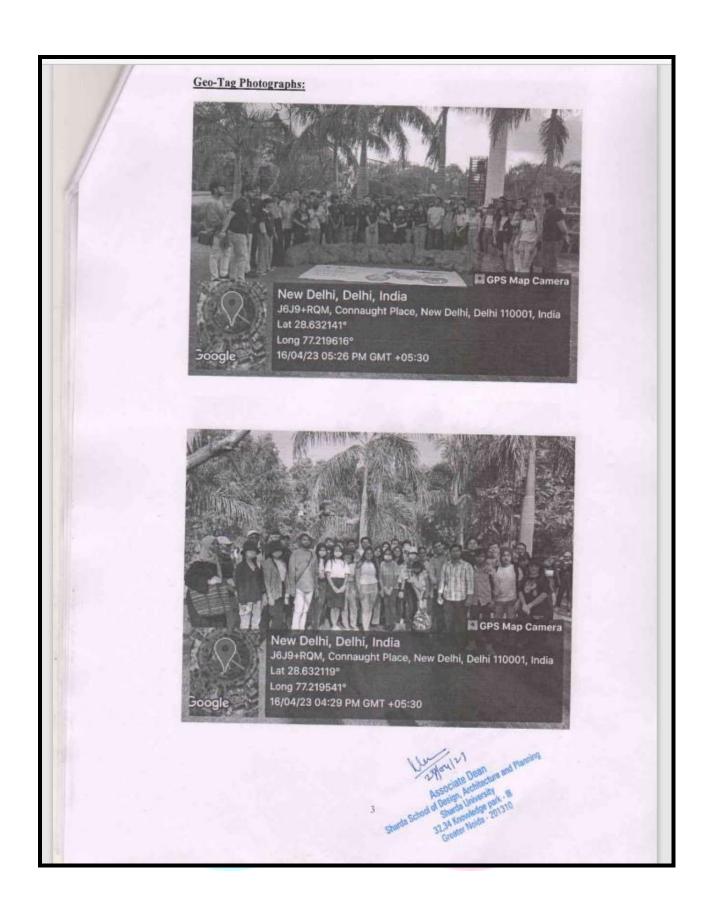
A September 50/310

		SHARDA UNIVERSITY			
	Sharda School of Design, Architecture & Planning				
	The second second	B.Arch. 1st year			
	I	Department- Architecture			
	Clean Up Drive Celebrationg Earth Day - 16-04-2023				
S.no. System ID		Name	Signature		
1	2022812406	Ahamada Houlayfat	Signature		
2	2022816648	Annah Careen Ramsey	10.14		
3	2022379988	Arhee Borkotoky	Arher		
4	2022480865	Ayushi	dry		
5	2022404402	Chinmoyee Kalita	Chinny y Kalit		
6	2022492641	Jerry Nepram	Jever N.		
7	2022473417	K Lalhruaizeli	000.		
8	2022503361	Mohd Arshad	Add		
9	2022004939	Mohd Mazin	Margain		
10	2022802889	Poni Fidencia Tombe Loro	(a)		
11	2022445861	Razi Ahmad	0 -		
12	2022003593	Rohan Kaushik	Pohen		
13	2022417075	Sameer.	Anthory		
14	2022005287	Saurabh Kumar	Supr		
15	2022005120	Shubham Kumar	Shutten		
16	2022535629	Siddharth Sharma	ABSEN		
17	2022554306	Swati Raman	Sund		
18	2022522700	Vanlalawmpuii.	1 046		
19	2022008169	Vishv Ajay Mittal	V V		
20	2022353953	Yashdeep Singh	Hong		

Fig. 18

SHARDA UNIVERSITY Sharda School of Design, Architecture & Planning B.Arch. 2nd year Department- Architecture Clean Up Drive Celebrationg Earth Day - 16-04-2023 S.No ID Roll No Name Signature Ankita Sharma Dolly Bansal Harshdeep Singh Virdi Khushi Tripathi Kostuhh Keshwan Kunal Singh Lalhmingsangi. ABSENT Mudita Mahto Priyanshu Kumar Rahul J Thachil Rehecca Lalhminemaviil Sana Shujat Sthapana Sarmah Ugyen. Utsha Chandra Das jouk Vivek Panwar Yashi Pushpgandha You he Zaid Ahmed ABSENT Abhinab Panta Alhassan Bala Jibrin ABSENT Mohd. Kamil Khaliq Ansari ALFRED LALRUATLIANA

Fig. 19



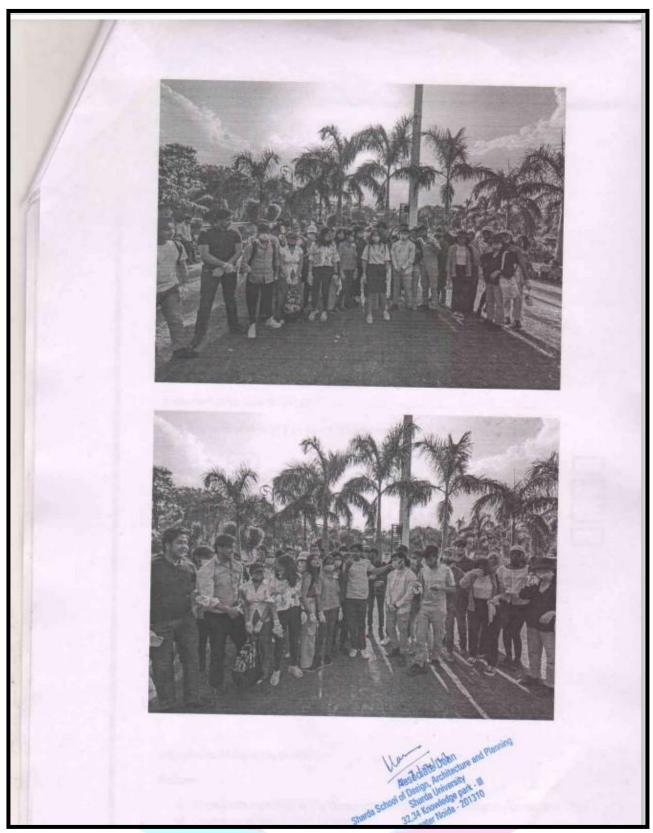


Fig. 20 & 21: Students Visit to NGO at Panchsheel Balak Inter College, Noida **SOE | 2nd December 2022**



Event Completion Report

Section A: Event Details

Event title:	Students Visit to NGO at Panchsheel Balak Inter College, Noida SOE 2nd December 2022				
Starting date of event:	2nd December 2022	Duration of Event (in days)	1 Day		
Name of the event organizing School	School of Education, Sharda University				
Name of the event organizing Department	School of Education, Sharda University				
Sponsor of the Event (Sharda University in case of internal sponsorship)	NA				
Event Calendar Link:	hardaevents.com/event/students-visit-to-ngo-at-panchsheel- balak-inter-collegenoida-a-nodal-centre-ghumantu-bacho-ki- pathshala-in-collaboration-with-youth-rocks-foundation- dehradun/?instance_id=14760				
	Advisor	NA			
Committee Members:	Convener	Prof. (Dr.) Arti Koul Kachroo, Dean, School of Education, Sharda University, arti.kachroo@sharda.ac.in, +919971992154			
	Co-Convener	Dr. Rinkal Sharma, As School of Education, S University, <u>rinkal.sharm</u> +919899754418	Sharda		

Fig. 22

	Co-Ordinator Details:
	Dr. Divya Negi Ghai, Founder Youth Rocks Foundation
	Dr. Pooja Gusain, Ex. Faculty of Amity University and member of
	Youth Rocks Foundation
Name of Co-Ordinator	Mr. Shanti Prashad, Founder, Ghumantu Bacho Ki Pathshala
	Student Co-ordinator:
	Ms. Suniti Singh, Class representative of B.A.B.Ed. Semester V.
	Dilip Kumar Maurya B.A.B.Ed. Semester V
	Abhishek Singh Baliyan B.A.B.Ed. Semester V

SECTION B: Event report and reflection

Program Objective:

- To increase awareness among the students about dengue prevention.
- To widen availability of community-based resources
- To improve the students' social skills
- · To provide kids from underprivileged backgrounds with important support

Program Description:

As part of the Community Connect Programme on 2nd December 2022, School of Education, Sharda University is organizing Student's visit to NGO at Panchsheel Balak Inter College, a nodal centre named, Ghumantu Bacho Ki Pathshala in collaboration with Youth Rocks Foundation, Dehradun. Youth Rocks Foundation is a youth driven social impact nonprofit organization operating in Uttarakhand and nearby regions. The NGO focuses on providing holistic support to youngsters battling with multiple dangerous distractions of a modern life. Their mission is to improve quality of life and outcomes for youngsters and ensure that every youngster is able to fulfil their highest potential irrespective of their background or circumstances. B.A.B.Ed. Students of School of Education have stepped forward to provide volunteer work for this noble cause. Students will conduct a dengue awareness campaign. Dengue is currently affecting a significant portion of the population in India and is the vector-borne illness with the fastest global expansion. This programme is designed to increase awareness among the students of that NGO, since there is a dearth of awareness of the problem that affects so many individuals.

Participants:

Total No. of Participants	Number of Male	Number of Female
20	3	17

Fig. 23

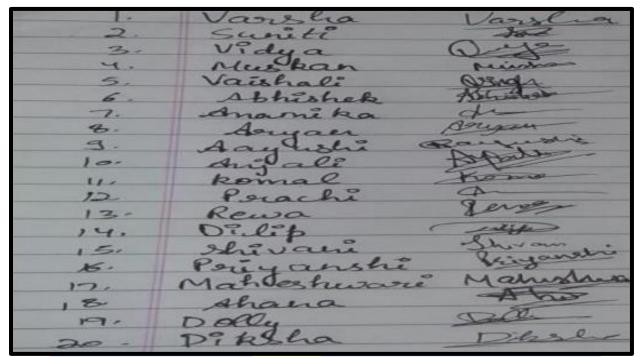
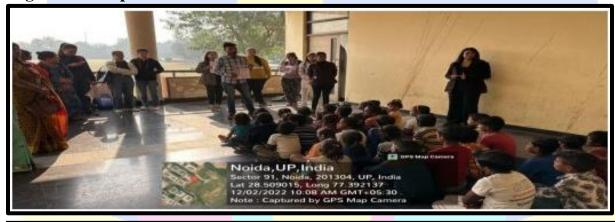
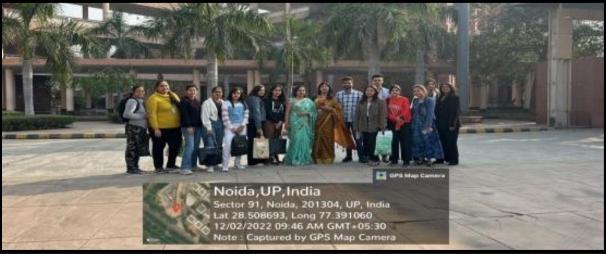
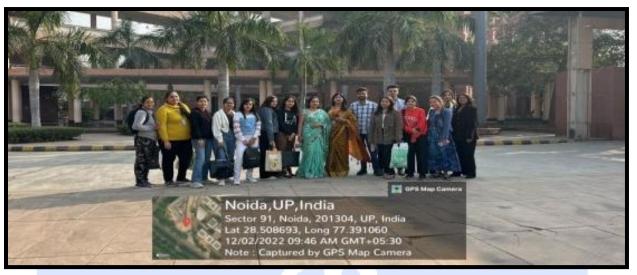


Fig. 24: Participant List

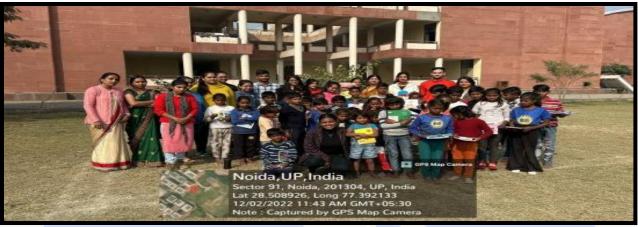
















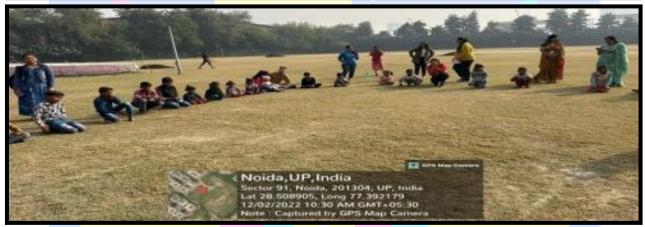






Fig. 25-35: Geo-Tag Photographs

Other Information

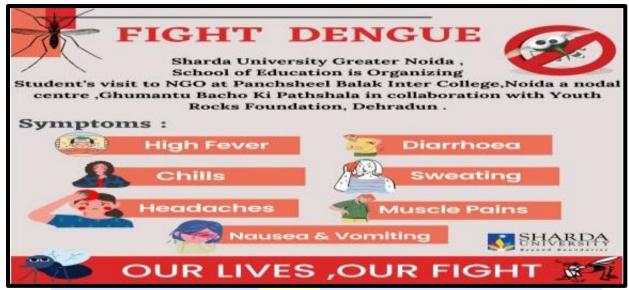


Fig. 36: Event Card

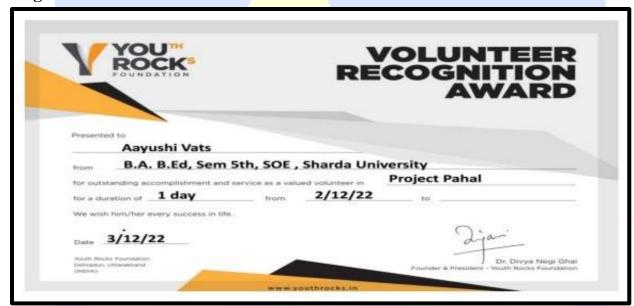


Fig. 37: All the students were provided with the certificate

13.4 Commitment to carbon neutral University

Response: Carbon Neutral target is achieved directly by Solar PV Cells and indirectly by travel, waste and water management, and material procurements.

Sharda University ensures Campus Carbon Neutrality through a series of action points including the reduction of grid energy dependence by switching to Solar PV. The policy covers major areas of climate action and adaptation and provides an opportunity for the inclusion of appropriate

aspects which help to achieve carbon neutrality. Sharda University manages direct emissions and indirect emissions through travel, waste and water management, and material procurements. University is functioning in compliance with the climate action working plan, which addresses local (i.e. rainwater harvesting plan to reduce water footprint), and global (i.e. shifting to low carbon-based energy sources to reduce the carbon footprint of campus) climate concerns.

University is performing better in terms of wastewater treatment (in-house wastewater and sewage treatment, WTP, and STP), solar energy installation, rainwater harvesting, waste management, material procurement (paperless office and e-governance), transport (community transport for faculty and students).

University also organized several such capacity building programmes and Tree Plantation Drive for achieving carbon neutrality indirectly.

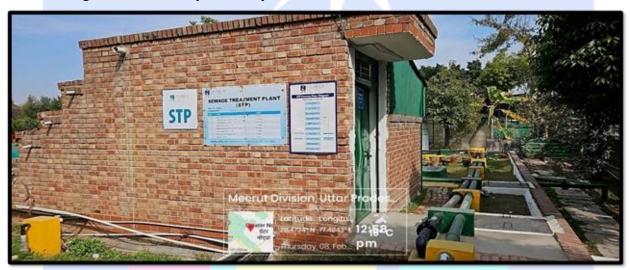


Fig. 38: Sewage Treatment Plant



Fig. 39: Rain-Water Harvesting System



Fig. 40: Earth Day Celebration



Fig. 41: Environment Club with NCC Wing of Sharda University for Swachh Bharat Abhiyan



Sustainable Development Goal 15 Life on Land

SUSTAINABLE DEVELOPMENT GOAL

15

Life on Land

Sustainable Development Goal 15 focuses on "Life on Land" and aims to protect, restore, and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and biodiversity loss.

15.4.1: Water Discharge Guidelines and Standard Year: in Place by 2022: https://ezone.sharda.ac.in/ezone-2022/attachments/naaccriterias_pdf-2024-2025/criteria_2.9.2/1729509105_671636f1c0593.pdf

15.4.2: Policy on plastic waste reduction, Year: in place by 2022: https://ezone.sharda.ac.in/ezone-2022/attachments/naaccriterias pdf-2024-2025/criteria 2.9.2/1729509105 671636f1c0593.pdf

15.4.3: Policy on hazardous waste disposal, Year in place by 2022: https://ezone.sharda.ac.in/ezone-2022/attachments/naaccriterias_pdf-2024-2025/criteria_2.9.2/1729509105_671636f1c0593.pdf

Metrics and Indicators

15.1 Research on land ecosystems

15.1.1 Life on Land: Cite Score

15.1.2 Life on land: FWCI: Number of citations

• Publications of book chapters and research articles



15.1.3 Life on Land: Publications: Life on land including land Ecosystems, biodiversity and Land sensitive waste disposal

The efforts are being taken in the areas of Agriwaste Management as well as other related Green Technologies.

The details are given as under:

Reuse and Recycle

- Utilization of bio-degradable Agri-residues for Mushroom cultivation and Vermi-composting
- Reuse of non-biodegradable items (plastic tubes) for farming practices

Other Best Practices

- Water conservation and its utilization by sprinkler irrigation system and rain gun, utilization of harvested rain water for vegetables
- Use of microbial bio-inoculants (Biofertilizers) like Blue Green Algae, *Rhizobium* and *Azotobacter* etc. for nitrogen saving and improved soil health during crop cultivation





Oyster Mushroom Production

Event: Situation Assessment Survey of Selected Greater Noida Society for Kitchen Waste Management

Location: Greenwoods Society, Phase 2, Sector Omega -1, Greater Noida

Date of Event: 14.2. 2023

Number of participants: 06

Program Objective

To assess the amount of Kitchen Waste generation and its disposal options in an urban society of Greater

Noida

Program Description

Sharda School of Agricultural Sciences organized a survey visit for the Situation Assessment of Kitchen

Waste Management in a residential society of Greater Noida. During this survey visit, the team of 3

faculty members from SSAS interviewed the visited Greenwoods Society in Greater Noida to witness the

waste management facilities in the society. Society members and officials of the society's Resident

Welfare Association were interviewed to understand the various practices adopted in society for managing

their kitchen waste, in which the standards and norms related to waste disposal were discussed. The

faculty team also suggested feasible alternatives for the management of kitchen wastes and their

conversion into compost for the residents of the society.

It was found out from the discussion that the residents of society diligently segregated their kitchen daily

into wet and dry waste. The society has hired 7-8 waste workers who collect this segregated garbage.

These workers then dump the wet waste into two beds, slowly decomposing and mixing with the soil. The

soil on the lower layers of these beds is then put into tanks and mixed with a decomposer chemical to turn

the waste into fine manure. This manure is then used in gardens within the society. This whole process of

kitchen waste management is done by society with the help of a local startup company that applies the

decomposer chemicals and regularly monitors the manuring process.

The team of faculty suggested to the society officials to spread awareness about the process and

importance of kitchen waste management through posters, folders and other interactive mediums. This

will help in increasing the participation of society members and improve the quality of waste segregation.

Web link:

http://shardaevents.com/event/situation-assessment-survey-of-selected-greater-noida-societies-for-

kitchen-waste-managementsharda-school-of-agricultural-sciences14th-february-2023

Convener: Prof. Dolly Wattal Dhar, Contact: 9868047781, dolly.wattal @sharda.ac.in

Coordinators

Dr. Palak Mishra, Contact: 6265543566

Dr. Swati Hazra, Contact: 8918420059

Dr. Pradip Tripura, Contact: 7734969150



15.2: Supporting land ecosystems through education

Inclusive Curriculum

SDG 15 addresses the interconnected challenges related to land, biodiversity, and ecosystems and emphasizes the need for collective action to preserve the planet's natural resources for future generations. In view of this, attempts have been made to address the challenges mentioned under SDG 15 through courses related to the concept of nature, land, biodiversity, ecosystems and their preservations at **Sharda School of Agricultural Sciences**, **Sharda University**.

Highlights about the School

- Highly accomplished faculty
- Students from all parts of India and foreign countries
- Well-equipped laboratories
- Students' Experiential Learning and Innovation Centre
 Hydroponics and Plant Tissue Culture lab, Automated Polyhouses, Mushroom Centre, Crop Cafeteria,
 Bio- fertilizer Unit, Vermi-Compost Unit
- Instructional Research Farm and Seed Production
 Cultivation practices, production, processing, grading, packaging and marketing of farm produce
- On-campus placements and higher education
- Interdisciplinary research collaborations
 The detailed course contents are structures based upon

- Fifth Dean's Committee Report- Education Department, Indian Council of Agricultural Research (ICAR), Govt. of India. (National level)
- District Agriculture Plan given for Gautam Budh Nagar (Local needs)
- Sustainable Developmental Goals (Food safety and security 2.4.1) (Global thrust)

School offers Research Based Learning (RBL) Courses for UG and PG Programmes as under

B.Sc. (Hons.), Agriculture

- Practical Crop Production I (Kharif crops) Lab; AGP 512 (2 Credits); V Semester
- Project Work/ Dissertation; AGP 609 (2 Credits); VI Semester
- Project Report Preparation, Presentation and Evaluation; AGP 703(2 Credits); VII Semester
- Dissertation-III, AGP 803 (2 Credits); VIII Semester

M.Sc. (Agriculture), Agronomy

Term Paper-I; MPA 508; 2 Credits

Term Paper-II; MPA 607; 2 Credits

Research Project-I; MPA 703; 10 Credits

Research Project-II; MPA 801; 20 Credits

MOOC/NPTEL Course "Organic Farming for Sustainable Agricultural Production" (ONS700), offered

for B.Sc. (Hons.) Agriculture, Sem-7 students. 39 students registered in Term-2301

Event: Outreach Programme: Visit to Krishi Vigyan Kendra (KVK), Shikohpur, Gurgaon

Date of Event: October 17. 10.2022

Number of participants: 57

Program Objectives

To instill practical knowledge about various agricultural activities in the students and to encourage them for self-employment through development of entrepreneurial skills.

Program Description

Sharda School of Agricultural Sciences has organized an exposure visit to KVK, Shikohpur-Gurgaon. Students observed the research facilities and agricultural activities being carried out at Krishi Vigyan Kendra. Some of the main facilities that the students witnessed were related to Soil testing lab, Beekeeping demonstration unit, Vermi-compost unit, Dairy unit, Value addition unit, Bio-control lab, Low-cost mushroom production unit, Poly/Shed Net house, Bio-gas plant, and Information Technology unit.

Number of Participants: 57

Weblink:

http://shardaevents.com/event/sharda-school-of-agricultural-sciencesoutreach-programme-visit-to-krishi-vigyan-kendra-kvk-shikohpur-gurgaon17th-october-2022

Convener: Prof. Dolly Wattal Dhar, Contact: 9868047781, dolly.wattal @sharda.ac.in

Coordinator: Dr. Palak Mishra, Contact: 6265543566







Event: Felicitation of Dr. William Dar, Former Minister of Agriculture and Ex Director, ICRISAT and Special Lecture

Date of Event: 11.11.22

Program Objectives:

- To felicitate Dr. William Dar, Former Minister of Agriculture and Ex-director, ICRISAT on being conferred with First MS Swaminathan Global Award for Sustainable Development.
- To organize special lecture on Enhancing Science and Innovation to Feed the World

Title: Climate Crisis, Covid-19 Pandemic and Conflict in Ukraine with relation to Food Security

Programme description:

Sharda University felicitated Dr. William Dar, Former Minister of Agriculture and Ex-director, ICRISAT on being conferred with First MS Swaminathan Global Award for Sustainable Development. A lecture was organized by Sharda school of Agricultural Sciences at Anand Swaroop Auditorium from 11:30 AM Onwards. Dr. William Dar achieved outstanding impact in agricultural research for development and guiding crucial periods of renewal in major national, regional and international institutions.

Convenors:

- Dr. Parmanand, Dean of Academic Affairs
- Dr. Dolly Wattal Dhar, Dean, SSAS

Co-Convenor: Dr. HS Gaur, Professor Emeritus, SSAS

Coordinators:

- Dr. Uzma Manzoor, Assistant Professor, SSAS, 9873973749
- Dr. Ashutosh Pandey, Assistant Professor, SSAS, 9839177120

Number of participants: 60-80

Web link:

https://www.sharda.ac.in/connect/news-details/felicitation-of-dr-william-dar-former-minister-of-agriculture-and-ex-director-icrisat-and-special-lecture-on-11th-november-2022

Arrival, Presentation and Felicitation of Prof. William Dar, Student's interaction





Tree sapling plantation (Sustainable Utilization of land)



Event : Boot Camp Workshop to sensitize students for "Entrepreneurship in Agriculture & Allied Sectors"

Name of the event organizing School: Sharda School of Agricultural Sciences (SSAS) and Sharda School of Engineering and Technology (SSET) in collaboration with Institution Innovation Council (IIC)

Sponsor of the Event: PUSA KRISHI, ICAR-IARI, India

Advisor: Manisha Mani, Innovation Lead; PUSA KRISHI, ICAR-IARI, India

Conveners: Dolly Wattal Dhar (Dean, SSAS)

Dr. Saleem Siddiqui

Coordinators: Dr. Pallavi Gupta

Dr. Astha Gupta

Name of speaker with contact details: Manisha Mani, Innovation Lead

PUSA KRISHI, ICAR-IARI, India

Program Objective: To provide basic and applied training and sensitization for entrepreneurship and employability

<u>Program Description:</u> In this workshop, attempts will be made to sensitize students and the faculty who are interested in initiating entrepreneurship in any Agriculture & Allied Sectors about the two funding-cum-empowering schemes of MoA&FW, GoI run through PUSA Krishi. Workshop will enhance the thinking skills of students and the faculty for entrepreneurship and employability.

No. of Participants: 59

Weblink

http://shardaevents.com/event/boot-camp-workshop-to-sensitize-students-for-entrepreneurship-in-agriculture-allied-sectors-9th-may-2023ssas/







Any other information: (Winners of the competition)



Saleem Siddiqui (SBSR Professor) <saleem.siddiqui@sharda.ac.in>

Winners of the Student Business Idea Competition during the PUSA Krishi Boot Camp at Sharda University on 9th May 2023

Manisha Mani <innovation.manager@pusakrishi.in> Wed, May 10, 2023 at To: "Saleem Siddiqui (SBSR Professor)" «saleem.siddiqui@sharda.ac.in> Cc: vivek.gupta@sharda.ac.in, "dolly.wattal@sharda.ac.in" <dolly.wattal@sharda.ac.in>, "amit.sehgal@sharda.ac.in" <amit.sehgal@sharda.ac.in>, mani.shields@gmail.com Wed, May 10, 2023 at 4:25 PM

It was indeed a great day, well spent at Sharda's campus and we feel delighted & are so thankful for your gracious hospitality & welcome, that too on such a short notice.

Special thanks to Dean Mam for such a warm welcome, grateful to Registrar Sir for sparing time to meet us and are indebted to you for the whole hearted cooperation for the conduct of the event, this all made it a successful event.

We are grateful for the support and enthusiasm of the Sharda University and look forward to continuing our future collaborative events with your team, as both of our teams are committed to empowering young entrepreneurs and supporting them in their journey towards success. Even got a chance to visit your startup Launchpad and met Dr. Amit to discuss any prospective lines of collaboration.

We had an amazing time conducting the bootcamp and would like to share the names of the winners for yesterday's bootcamp:

1. First- Sadhna

2. Second- Rudraksh and Aman

3. Third- Kabrel

Please announce the same & share the news with the winners and present them the prizes (goodies) we left with you, yesterday. Also, please do share pictures while presenting them with the prizes and share any pictures taken from yesterday's boot camp as well.

Kindly encourage the students to apply for the pre-seed funding grant (upto 5 lakhs INR) at ARISE – Pusa Krishi and for the seed stage funding grant (upto 25 lakhs INR) at UPJA – Pusa Krishi as the last date is approaching (14th May 2023).

For more details, please visit pusakrishi.in

Do reach out to us, if any student, needs any clarity for the application process.

Manisha Mani

15.2.1 Sustainable use of land

Year: 2022-2023

The Courses taught under Environment and Sustainability concept are as under

B. Sc. (Hons.), Agriculture

- ✓ Introductory Agro-meteorology
- ✓ Renewable Energy and Green Technology
- ✓ Disaster Management
- ✓ Agro-meteorology and Crop Ecology

Event: Lecture on Innovations in Adaptations to Climate change in Dry land Agriculture

Convener: Dr. Dolly Wattal Dhar

Coordinator: Dr. H S Gaur

Organizing Secretary: Dr. Uzma Manzoor

Date of event: 10.1.23.

Name of speaker: Prof. Kadambot Siddiqui, Hackett Professor, Chair and Director, UWA Institute of Agriculture, The University of Western Australia

Objectives of event:

To understand the implications of climate change and adaptation strategies in relation to future improvements in water use efficiency and food production in dry land ecosystems.

Event description

Sharda School of Agricultural sciences and IIC, Sharda University organized a lecture on "Innovations in Adaptations to Climate change in Dery land Agriculture by Prof. Prof. Kadambot Siddiqui, Hackett Professor, Chair and Director, UWA Institute of Agriculture, The University of Western Australia. Dr. Uzma commenced the programme. Dr. Dolly Wattal Dhar welcomed the Guest and Dr. H S Gaur presented his remarks. The speaker laid emphasis on the fact that despite constraints, agricultural production increased during the 20th century due to improved agronomic practices, new varieties and diversification of farming systems. However, climate change threatens future production levels in the region through increased risk of prolonged drought, higher average temperatures, particularly during the critical stages of flowering and grain filling and more extreme temperatures. With high seasonal variability, it is essential that maximum grain yields are achieved in average and better seasons. The implications of climate change and adaptation strategies such as agronomic management and crop

breeding were discuseed in relation to future improvements in water use efficiency and food production in dryland ecosystems. The event ended with vote of thanks by Prof. Saleem Siddiqui.

No. of participants: 47

Weblink: https://ezone.sharda.ac.in/ezone-2022/admin/naaccriteria/getpdfdetails/naaccriterias_pdf-2022-2023:criteria_3.3.2:SCAN0001.pdf

Photographs of the event





15.2.2 Sustainably Farmed Food on Campus

Promotion of Research and Facilities at Sharda School of Agricultural Sciences

- Crop diversification for food security and sustainability
- Cultivation of cereals and vegetables in fields
- Seed production for wheat, rice and mustard
- Use of low cost technologies (polyhouse, micro-irrigation system, biofertilizers)
- Cultivation and production of *Cordyceps militaris*
- Utilization of agricultural wastes for value addition (Mushroom cultivation) and vermicomposting
- Tissue culture technology and hydroponics
- Trainings for skill enhancement and entrepreneurship



Outcome

- Delivery of knowledge and farm management
- Production and distribution of quality seeds
- Cultivation of *Cordyceps militaris*

Title of event: Awareness programme on eat millets as nutricereals and stay healthy

Date of event: 20.11.22

Key Highlights

To elevate awareness of the contribution of millets for food security, sustained nutrition and livelihood

Event description:

In view of the international Year of Millets, 2023, Sharda School of Agricultural Sciences organized an awareness programme on "Eat Millets as Nutricereals and stay Healthy" to create an involvement and sense of participation for sustained nutrition, livelihood and wellbeing of communities in an "On-line Mode" for the forgotton golden grains. The speaker gave insights of the use and significance of millets in diet and overall export scenario in the country.

Number of participants: 58

Convener: Dr. Uzma Manzoor

Organizing Secretary: Dr. Sunil jaiswal

Name of the speaker: Dr. Sangappa, IIMR, Hyderabad

Web link:

https://ezone.sharda.ac.in/ezone-2022/admin/naaccriteria/getpdfdetails/naaccriterias_pdf-2022-2023:criteria 3.3.2:18 Awareness programme on eat millet.PDF



Agricultural Sciences Products on display for Awareness and Revenue Generation











Fish Farming in Harvested Water Storage Tank



Hands on Training and Knowledge outside classroom teaching

- Cultivation practices
- Flori-culture and landscaping
- Soil testing
- Protected cultivation

- Mushroom cultivation
- Vermi-composting
- Farm management
- Value addition



Mushroom House, High-tech Horticulture and Vermicomposting



15.2.3 Maintain and extend current ecosystems biodiversity Integrated Farming System

Integrated Farming System (IFS) combines crops, livestock, aquaculture, and agroforestry to enhance productivity and sustainability. It can optimize resource use and promotes biodiversity. The practice can improve soil health, reduces waste, and supports nutritional security, fostering more resilient agricultural practices.

Fish- Poultry Farming under Integrated Farming System







15.2.4 Educational programmes on ecosystems

Wild flora, fauna for local and national communities

Event: Visit to Amrit Udhyan (Mughal Garden) and Buddha Jayanti Park, New Delhi

Date of Event: 22.2.2023

Program Objective

To create knowledge amongst the agriculture students regarding the identification of ornamental plants, medicinal aromatic plants, and landscaping architect design for Career, Agri-industry prospects in agriculture and skill development.

Program Description

Sharda School of Agricultural Sciences planned a tour for Amrit Udhyan (Mughal Garden) and Buddha Jayanti Park for the identification of the ornamental plants, medicinal aromatic plants, and landscaping architect design for the students of B. Sc. (Hons.) Agricultural Sciences.

Number of participants: 30

Weblink:

http://shardaevents.com/event/visit-to-amrit-udhyan-mughal-garden-and-buddha-jayanti-park-new-delhi-22nd-february2023-ssas/

Convener: Prof. Dolly Wattal Dhar, Contact: 9868047781, dolly.wattal @sharda.ac.in

Coordinators:

Dr. Chandan Singh, Contact: 9109625474

Dr. Raghvendra Singh, Contact:7800936000

















Amrit Udhyan (Mughal Garden) New Delhi











Buddha Jayanti Park, New Delhi

15.2.5: Sustainable management of land for agriculture and tourism (educational outreach)

Educational programmes/outreach for local or national communities on sustainable management of land for agriculture and tourism

The farmer is the only man in our economy who buys everything at retail, sells everything at wholesale, and pays the freight both ways. – **John F. Kennedy**

Cleaning of Green Belt areas and planting perennial avenue tree species under Noida Authority Area facilitates control of the environment pollution. Sharda School of Agricultural Sciences organized an event on **Environmental Cleaning under Swachh Bharat Mission** along with Horticulture Unit of the University.

- 15.3 Supporting land ecosystem through action
- 15.3.1: Sustainable use, conservation and restoration of land (Policy)
 - Sustainable use of land through fruit trees, rice wheat cropping systems, vegetables and oil seed crops at Crop Cafeteria under the supervision of Dean SSAS.
 - Cultivation of Dhaincha for green manuring

Sustainable Land Use under Different Crops







Terrace Farming under Sustainable Land Use



Event: World Bio Protection Summit-India 2022

Date of event: 1.12.22

Convener: Prof. H S Gaur, Emiratus Professor, SSAS

Co-convener: Dr. Dolly Wattal Dhar

Organizing Secretary: Dr. Uzma Manzoor

Names of speakers: Dr. Minhsad Ansari, Chairman WBF

Dr. H P Singh; Former DDG, ICAR

Key highlights of the event:

To connect the BioAg industry for successful commercialization

Event description

Sharda School of Agricultural Sciences, Sharda University in collaboration with The Wirld BioProtection Forum organized the world bioProtection Summit, India, 2022 on December, 1, 2022. The summit gave an International Platform for Collaboration, Partnership and Advancement of the Industry and Academia. The summit was attended by Industry, Academia, Researchers, Investers, Regulators, Policymakeers.

Government Organizations, NGOs and IPM Practitioners to discuss the pressing need to develop alternatives to chemicals for Crop Protection.

Dr. H P Singh, Former Deputy Director General (Horticulture), Indian Council of Agricultural Research was the Guest of Honour. Dr. Minshad Ansari was the chairman of the summit. Exhibitions by more than 10 International Industries was organized during the summit. 450 delegates and students attended the summit.

The main aim of the summit was to outline the urgent need to develop novel products and application technologies to not only fill gaps in the market due to pesticide removal but also to anticipate future requirements as pests and diseases are developing resistance to chemical products.

No. of participants: 176

Web link:

https://ezone.sharda.ac.in/ezone-2022/admin/naaccriteria/getpdfdetails/naaccriterias_pdf-2022-2023:criteria_3.3.2:World_Bioprotection.PDF

Photographs of the event





- 15.3.2 Monitoring IUCN and other conservation species (Policies)
- 15.3.3: Local Biodiversity included in planning and development
- **15.3.4**: Alien species impact reduction
- **15.3.5**: Collaboration for shared land ecosystem

Collaboration

Land was taken from the local farmer **Sh. Baljeet Singh**. Safipur, Greater Noida on lease by Sharda School of Agricultural Sciences, SU and the experiment was set up at farmer's field.

Quality Seed Production of High Yielding Disease Resistant Wheat Varieties

- Procurement of Breeder Seeds: One quintal each, two wheat varieties (DBW 187 and DBW 222), developed by ICAR-IIWBR, Karnal, Haryana
- Cultivation: Standard agronomic practices
- Seed production unit was setup at Instruction Farm, of local farmer and the land was on lease. Approx. 100 quintal seeds of two variety *viz*. DBW187 and DBW222 was produced. After harvesting, the seeds were processed at ICAR-IARI, New Delhi. 60 quintals (Truthfully labelled) seeds were packaged (pack of 20 kg) for distribution among the farmers of NCR Region. To provide training to farmers, a workshop was organized for improved cultivation techniques of rabi crops and to distribute the quality seeds of wheat produce at Sharda University on 08.10.2021. The students of B. Sc. (Hons.) Agriculture were also trained for seed production technologies of wheat. 56 quintal seeds was sold to farmers @Rs.35/kg. Four quintal grain was used to prepare Multigrain Atta and sold to staff at the Sharda University. A revenue of Rs. 55,698/-was generated through the sale of Truthfully labelled seed









Workshops / Trainings



Coverage of Extension Activities











PEACE, JUSTICE AND STRONG INSTITUTIONS



"Sustainable Development Goal 16 focuses on promoting peaceful and inclusive societies for sustainable development, providing access to justice for all, and building effective, accountable, and inclusive institutions at all levels."

1. Inclusive Curriculum

Education and awareness are crucial for creating a more sustainable and equitable world. With a view to advance with the objectives of SDG 16 and building societies that are more peaceful, just and inclusive, a number of related subjects are taught to our students at Sharda University. Some of them are as follows:

- Concepts of Human Rights(MAL134)
- Legal Environment Framework (MCN102)
- Cyber Law (MAL123)

Additionally, a number of related events have been conducted for the overall exposure of the students to the concept of SDG 16 and allied areas.

A guest lecture was conducted on the topic "Freedom of speech and expression"". The main

Objectives of the event were

- To provide students with valuable insights and exposure in Freedom of speech as a conduit of dispensation of information promoting peace and dialogue.
- To acquaint the participants with the contemporary issues and challenges in the legal profession.
- To provide an excellent opportunity for networking and establishing connections with professionals who have made significant contributions to their respective domains.
- To have a good understanding of developing research areas and academic growth in future career prospects of our students.

Sharda University's unwavering commitment to the United Nations' Sustainable Development Goal 16: Peace, Justice, and Strong Institutions is exemplified by a series of impactful initiatives and events held throughout the year 2023. SDG 16: Peace, Justice, and Strong Institutions is crucial for fostering a society where all individuals can live without fear, in a just and inclusive environment, and with strong institutions that uphold the rule of law. Sharda University recognizes the significance of these principles and is committed to addressing the root causes of conflict, promoting the rule of law, and providing access to justice for all.

In 2023, Sharda University made significant strides in its commitment to the Sustainable Development Goal. The year was marked by a series of initiatives and events that showcased the institution's unwavering dedication to promoting a better world through education, community involvement, and the pursuit of peace and justice.

1. Academic Excellence and Transformative Social Impact through Conferences, Seminars, and Workshops:

Sharda University is actively engaged in promoting peace and conflict resolution, and academic excellence through academic research and community involvement. The university hosts seminars, conferences, and workshops that bring together experts, scholars, and practitioners to explore innovative approaches to conflict resolution. Students and faculty members are encouraged to participate in these activities to enhance their understanding.

Throughout the year 2023, Sharda University played a pivotal role in preparing the next generation of legal professionals through preparatory sessions for Judiciary and UGC-NET (Law) examinations. These sessions empowered students with the knowledge and skills required to contribute to a just and legally sound society.

The institution's dedication to promoting justice was evident in various international and national guest lectures, and panel discussions. One notable event was an International Guest Lecture on "Introduction to Interplay between Global Investment Regime & Global Minimum Tax" organized in 2023. The resource person Prof. BłazejKuzniacki, Lazarski University (Warsaw), highlighted the interaction between the global investment regime and the growing global minimum tax framework which signals a watershed moment in international economic justice and governance. It was emphasized that finding a healthy interaction between these two regimes will be critical in establishing a fairer and more sustainable global economic environment as conversations and negotiations progress.

In September 2023, the university organized the International Conference on "Prospects and Challenges for Innovative Ideas in Intellectual Property Rights", showcasing its dedication to ensuring a secure digital environment—a vital component of SDG16. Issues related to particularly vulnerable senior citizens were not overlooked as evidenced by National Conference on "Critical Issues & Challenges of Elderly in India-The Path Ahead", reflects a commitment to building an inclusive and just society.

Sharda University toolkits commitment to justice further by empowering students with the essential skills required to contribute effectively to the legal field. The Workshop on "Use of SCC & HEIN Online Database for exceptional Legal Research' laid the foundation for future legal professionals, further solidifying its dedication to a just society. In September 2023, the National Youth Parliament Competition, organized in collaboration with Yuvak Foundation provided another testament to the university's commitment to achieving objectives of SDG 16.

2. Justice & Legal Education

Sharda University's commitment to justice is evident through its rigorous legal education programs. The university offers a diverse range of courses in law, empowering students with the knowledge and skills needed to become advocates for justice.

The year kicked off with an "Educational Visit 31st Foundation Day event of National Commission for Women" on 31 January2023. This visit provided students within sights in to the vision, mission, legal procedures and practices followed by NCW necessary for ensuring

justice for women thus aligning with SDG 16's emphasis on justice. World Day of Social Justice was celebrated 20th February 2023 was organized to promote gender equality, indigenous peoples and migrants' rights. This event underscored Sharda University's commitment to ensuring protection of weaker sections of the society.

The 7th Anand Swaroop Gupta Memorial International Moot Court Competition organized in March 2023, showcased the university's global outlook and commitment to preparing students for international legal challenges. Moot court competitions play an essential role in fostering the skills required for advocating justice and contributing to SDG 16.

The Intra Moot Court Competition organized on 25th and 26th October 2023 was a vital stepping stone for law students. Such competitions equip future legal professionals with the skills and knowledge needed to excel in their careers, contributing to the development of strong institutions. The organization of this event was another testament to the university's dedication to nurturing future legal professionals. Moot court competitions are instrumental in preparing students to contribute effectively to the legal landscape, promoting justice and strong institutions.

Sharda University continued its commitment to fostering knowledge and understanding by organizing Joint National Conference on Emerging Trends in Education, Management, Social Sciences and Law" was organized from 18th April 2024 to 19th April 2024. The conference provided a platform to the budding researchers and industrial practitioners to deliver their research in presence of eminent expert and renowned industrialist and to publicize their novel findings in front of the big forum. It provided an opportunity to participants to upgrade their knowledge in context of emerging issues and trends.

3. Championing Justice and Community Well-being through Legal Aid and Community Connect Initiatives

Social Engagement lies at the heart of Sharda University's core values. The university passionately encourages its students and faculty to actively engage with communities and civil society organizations. This commitment not only fosters a profound sense of responsibility towards society but also plays a pivotal role in promoting justice. Through a myriad of outreach programs and initiatives, Sharda University tirelessly strives to address pressing social issues and fortify the very fabric of communities. This enduring dedication is evident throughout the various events and endeavors in which the university has partaken in the year 2023.

On Saturday, February 11, 2023, a student visit to Lok Adalat at District & Sessions Court, Gautam Budh Nagar was organized to give a firsthand experience to the students regarding the functioning of Lok Adalats. Also, Community Connect cum Legal Awareness Visit was organized for students to Bisrakh village February 2023. The aim of visit was to raise awareness among villagers in relation with free legal aid and make them aware of existing legislation that is, Legal Services Authorities Act,1987.

As the year continued, the university further underscored its dedication to SDG 16 with impactful 'Awareness Events.' Legal Talk Show on the topic "Lok Adalat" on 90.8 FM Sharda Community Radio was organized on Monday, 06th February 2023 - Saturday, -11th February 2023 to sensitize students about Alternative Dispute Resolution Mechanism.

Subsequently, "Empower Her: Gender Sensitization and Hygiene Drive" at Jagshanti Udyan Care Home, Greater Noida was organized in August 2023 exemplifying university's active involvement in care and protection of vulnerable sections of the society.

4. Famity Dispute Resolution Clinic: A Transformative Force for Peace and Justice in Collaboration with Gautam Budh Nagar Police and Sharda University School of Law

FDRC, the Family Dispute Resolution Clinic, stands as a remarkable initiative born from a collaborative partnership between the Gautam Budh Nagar Police and the School of Law at Sharda University. Dr. Ritu, the visionary founder and coordinator of FDRC, has been at the helm for the past three years, leading this unique endeavor since its inception in July 2020. The clinic's track record is nothing short of inspiring, having positively impacted over 900 families to date and remaining steadfast in its commitment even during the tumultuous times of the three waves of the Covid-19 pandemic. This unwavering dedication earned FDRC recognition as one of the innovative initiatives by the Uttar Pradesh Government.

Under the guidance of Dr. Ritu , the clinic has conducted an impressive 3500+ counseling sessions, achieving a remarkable success rate of 86% and above for three consecutive years. Dr. Ritu's exemplary performance has not gone unnoticed, as she received commendations twice in 2020, 2021, and 2022 from the Commissionerate of Police, Gautam Budh Nagar. Her contributions have extended beyond regional boundaries, with accolades from the National Commission for Women and the prestigious ITC Nari Shakti Award. Her dedication also earned her appreciation from luminaries like CJI Justice N.V. Ramanan and Law Minister Kiran Rijiju. Remarkably, the clinic boasts an 83.44% success rate in resolving family disputes over the past two and a half years. The team's dedication and exceptional results have garnered attention and praise from various quarters, making FDRC a prominent and influential entity in the field of family dispute resolution.

In conclusion, Sharda University's multifaceted efforts in 2023 underscored its holistic commitment to making a positive impact on society and the world. These activities demonstrated the institution's dedication to creating a world marked by peace, justice, and strong institutions.

















PARTNERSHIPS FOR THE GOALS



17.2 Relationships to support the goals

In addition to imparting quality education to the society, Sharda University strives to achieve the SDGs through a number of meaningful initiatives by means of MoUs signed with NGOs and other stakeholders of the society.

17.2.1 Relationships with regional NGOs and government for SDG policy

MoU with MonAmi Foundation

Sharda University is dedicated to maintain and promote the activities related to vocational skills for the sustained livelihood among the citizens including its employees. In this spirit the University has memorandum of understanding with Mon Ami Foundation so as to have regular activities in the area of knowledge sharing, mentoring, guidance for livelihood skills among the community members. The Foundation under its CSR model is having rich experience to cultivate the quality life oriented skills among men and women which enables the University to organize regularly skill oriented activities and to establish the channels of communication and cooperation among the stakeholders. The union of the University and Mon Ami foundation provides good opportunities for vocational skills, sustained livelihood, prevention and implant the health care services for the people on the campus and of the campus.

Link:

https://ezone.sharda.ac.in/admin/naaccriteria/getpdfdetails/naaccriterias_pdf:criteria_3.7.2:Mon_ Ami_Foundation.pdf

Health Chaupals

Sharda University has signed an MoU with Raj Kumari Foundation, for the purpose of conducting health awareness campaigns through "Health Chaupals" across 8 intervention villages. Raj Kumari Foundation is an ISO 9001:2015 certified non-profit organization, having a mission to contribute to the Sustainable Development of society by playing the role of catalyst in the process of generation and dissemination of knowledge. The initiative involves visiting the nearby village to create awareness of health and hygiene and conduct health camps where individuals will be delivered health awareness sessions screened for the basic diseases wherever necessary and referred for further treatment in case of requirement of any surgery / additional treatment. Through this MoU SDG 3 and SDG 11 have been addressed.

Link:

https://ezone.sharda.ac.in/ezone-2022/admin/naaccriteria/getpdfdetails/naaccriterias_pdf-2022-2023:criteria_3.7.2:MOU__2_.PDF

Training for Health Care Workers

Sharda School of Medical Sciences and Research, Sharda University has a well-equipped skill lab with basic and advanced simulators for Basic Life Support (BLS) training and First Aid Programme. The same has been offered to the upcoming Naveen Hospital, through an MoU, for imparting training for health care workers (nursing staff, technical staff and other support staff). Through this MoU SDG 8 has been addressed.

Link:

https://ezone.sharda.ac.in/ezone-2022/admin/naaccriteria/getpdfdetails/naaccriterias_pdf-2022-2023:criteria_3.7.2:MOU_with_Naveen_Hospital_0001.pdf

• Voluntary blood donation camp on Mega Blood Donation Drive _ "रक्तदान अमृत महोत्सव"

In order to build solidarity and bonding among social masses, Sharda Hospital has collaborated with Fortis Hospital, Greater Noida, through a technical agreement towards securing the provisions of blood components and related services (to a level that satisfies the requirements of Blood Safety and Quality Regulations, 2005), wherein build solidarity and blood bank operating at Sharda Hospital will be assisting Fortis to meet the requirements of **social and physical well-being.** This initiative addressed **SDG 3 and SDG 8.**

Link:

https://ezone.sharda.ac.in/ezone-2022/admin/naaccriteria/getpdfdetails/naaccriterias_pdf-2022-2023:criteria_3.7.2:MOU_21.pdf

Mission Niramaya

Nursing is considered to be the backbone of any healthcare institute, without which the very purpose of healthcare institutions will be defeated. In line with the pursuit of Uttar Pradesh Government to instill quality in nursing education, Sharda School of Nursing Science and Research has undertaken to **support low-performing institutes by mentoring them to perform better**. This initiative addressed **SDG 4 and SDG 10.**

Link:

https://ezone.sharda.ac.in/ezone-2022/admin/naaccriteria/getpdfdetails/naaccriterias_pdf-2022-2023:criteria_3.7.2:MOA_BETWEEN_UPSMFAC__SSNSR.pdf

17.2.2 Cross Sectoral Dialogue about SDGs:

By fostering collaboration and communication with various sectors, valuable expertise, research findings, and practical knowledge can be shared and applied to address complex social, environmental, and economic challenges. Here are some initiatives wherein Sharda University has engaged in meaningful dialogue and collaboration:

Industry Academia Partnerships

Sharda University is a keen observer of the philosophy that quality education rests on delivery of updated knowledge base to the students. In order to address this motive, Sharda University has entered into several Industry Academia Partnerships focusing on provision of Internship opportunities, trainings,

placement assistance, guest lectures, workshops, short term courses, student exchange programs, etc. both for upgrading students and faculty members.

✓ Through an MoU with APN News India Legal and N1, Sharda University intends to assist the students for becoming industry ready.

Link:

https://ezone.sharda.ac.in/ezone-2022/admin/naaccriteria/getpdfdetails/naaccriterias_pdf-2022-2023:criteria 3.7.2:20230523223023.pdf

✓ Industry - academic partnership between Sharda School of Engineering and Technology and Xebia IT Architects India Pvt. Ltd. For incorporating the emerging technologies and specializations in CSE programme to provide relevant and upgraded industry specific education and knowledge to students pursuing career in Computer Science Engineering.

Link:

https://ezone.sharda.ac.in/ezone-2022/admin/naaccriteria/getpdfdetails/naaccriterias_pdf-2022-2023:criteria 3.7.2:Sharda MoU Final.pdf

✓ Sharda University has signed an MoU with KM.MAYAWATI GOVERNMENT GIRLS PG COLLEGE, Badalpur, Greater Noida for conducting FDPs, Ph.D Supervision, Projects, Joint Research, Exhibitions, etc. The MoU is faculty centric and aims for the mutual overall development of the associated faculty members.

Link:

https://ezone.sharda.ac.in/ezone-2022/admin/naaccriteria/getpdfdetails/naaccriterias_pdf-2022-2023:criteria 3.7.2:MOU with Mayawati Govt_college 1 .pdf

✓ Through an esteemed MoU with Ramanujan College, University of Delhi, Sharda University aims to assist faculty members through knowledge transfer initiatives using varied platforms.

Link:

https://ezone.sharda.ac.in/ezone-2022/admin/naaccriteria/getpdfdetails/naaccriterias pdf-2022-2023:criteria 3.7.2:TLC Ramanujan signedMOU 03-21-2023 14 19.pdf

✓ Sharda University not only believes in imparting good education, but also strives to assist its students to procure career advancements in terms of securing higher education from institutions abroad. In order to cater to this motive, Sharda University through its department of Sharda Skills has signed an MoU with Admitas Advisory Services, wherein the students will be assisted through a software to connect with, explore and take admission in institutions abroad.

Link:

https://ezone.sharda.ac.in/ezone-2022/admin/naaccriteria/getpdfdetails/naaccriterias_pdf-2022-2023:criteria 3.7.2:20230314040747.pdf

✓ To promote financial literacy among students, Sharda University has entered into an MoU with NSE Academy (NAL), a wholly owned subsidiary of National Stock Exchange of India. Under the initiative, conducting and delivering short term courses to enhance the skills of the students to better understand the financial markets and its operations.

Link:

https://ezone.sharda.ac.in/ezone-2022/admin/naaccriteria/getpdfdetails/naaccriterias_pdf-2022-2023:criteria 3.7.2:Sharda University agreement.pdf

✓ Through an MoU with Export Promotion Industrial Park Welfare Association, Sharda University has taken the initiative to identify and provide solutions to the issues and challenges of the industrial units in Greater Noida, by means of specially devised training and developing linkages with governmental bodies

Link:

https://ezone.sharda.ac.in/ezone-2022/admin/naaccriteria/getpdfdetails/naaccriterias_pdf-2022-2023:criteria 3.7.2:EPIP MoU.pdf

✓ Sharda University and Kalasalingam Academy of Research and Education (KARE) have signed an MoU for cooperation in the form of assisted joint research and development activities with an inclusion of professional language teaching and cultural exchange programs.

Link:

https://ezone.sharda.ac.in/ezone-2022/admin/naaccriteria/getpdfdetails/naaccriterias_pdf-2022-2023:criteria_3.7.2:Agreement_Sharda_and_KARE.PDF

✓ In order to contribute towards dealing with the burning social issue of Juvenile Delinquents, through a collaborative and mutually beneficial MoU with The District Probation Officer, Gautam Budh Nagar, Sharda School of Law has initiated motivational counselling and skill enhancement sessions for juvenile delinquents, who are emotionally volatile and vulnerable to societal rejection. Special care is needed to influence them positively and to curb the development of anti-social behaviour.

Link:

https://ezone.sharda.ac.in/ezone-2022/admin/naaccriteria/getpdfdetails/naaccriterias_pdf-2022-2023:criteria_3.7.2:MOU_with_District_Probabation_Officer.pdf

17.2.3 International collaboration data gathering for SDG

International collaboration for gathering data to support the United Nations Sustainable Development Goals (SDGs) is crucial for understanding global progress, identifying challenges, and formulating effective policies.

 With a view to develop the premises for global exposure for the students and associated faculty members, Sharda School of Humanities and Social Sciences, Sharda University has signed an MoU with International University of Innovative Technologies, Kyrgyzstan, wherein the students will be facilitated with provision of Collaborative Training Programs in the field of mutual interest.
 Link:

https://ezone.sharda.ac.in/ezone-2022/admin/naaccriteria/getpdfdetails/naaccriterias_pdf-2022-2023:criteria_3.7.2:MoU_document_of_International_University_of_Innovation_Technologies.pdf

 An MoU has been signed with MGM Implants, Germany, to enter into an academic partnership for acquiring knowledge regarding German implant system which will help the post graduate students in learning implantology.

Link:

https://ezone.sharda.ac.in/ezone-2022/admin/naaccriteria/getpdfdetails/naaccriterias_pdf-2022-2023:criteria 3.7.2:hindistan 1 .pdf

17.2.4 Collaboration for SDG best practice

Collaboration for Sustainable Development Goals (SDGs) best practices involves bringing together diverse stakeholders, sharing knowledge, and working collectively to achieve common goals. Details of such initiatives from the end of Sharda University are as follows:

Name of the Activity	<u>Link</u>
COMMUNITY CONNECT WITH	https://ezone.sharda.ac.in/ezone-
SPECIAL CHILDREN	2022/admin/naaccriteria/getpdfdetails/naaccriterias_pdf-2022-
	2023:criteria 3.6.3.x:Disability Day.PDF
COMMUNITY CONNECT FOR	https://ezone.sharda.ac.in/ezone-
GIRL CHILD SAFETY AND	2022/admin/naaccriteria/getpdfdetails/naaccriterias_pdf-2022-
EMPOWERMENT	2023:criteria 3.6.3.x:3Drswati.pdf
COMMUNITY CONNECT WITH	https://ezone.sharda.ac.in/ezone-
LGBTQ+ SOCIETY	2022/admin/naaccriteria/getpdfdetails/naaccriterias_pdf-2022-
	2023:criteria 3.6.3.x:EVENT REPORT World Oral Healt Day1.PDF
TREE PLANTATION DRIVE	https://ezone.sharda.ac.in/ezone-
	2022/admin/naaccriteria/getpdfdetails/naaccriterias_pdf-2022-
	2023:criteria 3.6.3.x:ECR Tree Plantation Drive April 23.PDF
EARTH DAY CELEBRATION IN	https://ezone.sharda.ac.in/ezone-
COLLABORATION WITH NGO	2022/admin/naaccriteria/getpdfdetails/naaccriterias_pdf-2022-
	2023:criteria_3.6.3.x:Activity-
	10 Earth Day Celebration in Collaboration with NGO 2022-
	2023.PDF

17.2.5 Collaboration with NGOs for SDGs

Collaboration with non-governmental organizations (NGOs) is essential for achieving the United Nations Sustainable Development Goals (SDGs). NGOs play a vital role in implementing projects, mobilizing communities, and advocating for policies that contribute to sustainable development.

Student Volunteering Programmes

Name of the Activity	Number of Students	<u>Link</u>
	Participated	
Students Visit to NGO at Panchsheel Balak Inter	20	https://ezone.sharda.ac.in/ezone-
College, Noida		2022/admin/naaccriteria/getpdfdetai
		Is/naaccriterias pdf-2022-
		2023:criteria_3.6.3.x:ECR_NGO_VISIT
		<u>.pdf</u>
Walk for Water Conservation	36	https://ezone.sharda.ac.in/ezone-
		2022/admin/naaccriteria/getpdfdetai
		ls/naaccriterias_pdf-2022-
		2023:criteria 3.6.3.x:1 WATER CO
		NSERVATION_23-2-231.pdf
Oral Health Awareness Program	38	https://ezone.sharda.ac.in/ezone-
		2022/admin/naaccriteria/getpdfdetai
		ls/naaccriterias_pdf-2022-
		2023:criteria_3.6.3.x:April_2023_Mo
		nth 2 .PDF
Awareness march on World malaria Day	61	https://ezone.sharda.ac.in/ezone-
		2022/admin/naaccriteria/getpdfdetai
		ls/naaccriterias_pdf-2022-
		2023:criteria_3.6.3.x:Activity-
		11 Awareness march on World
		malaria Day 2022-2023.pdf
Earth Day Celebration in Collaboration with	15	https://ezone.sharda.ac.in/ezone-
NGO		2022/admin/naaccriteria/getpdfdetai
		ls/naaccriterias_pdf-2022-
		2023:criteria_3.6.3.x:Activity-
		10 Earth Day Celebration in Colla
		boration with NGO 2022-
		<u>2023.PDF</u>
International Women's Day Celebration with	45	https://ezone.sharda.ac.in/ezone-
The Theme "Mission Shakti: Women's Safety,		2022/admin/naaccriteria/getpdfdetai
Women's Respect & Women Self Reliance"		ls/naaccriterias_pdf-2022-
		2023:criteria 3.6.3.x:INTERNATIONAL
		WOMEN DAY-
		MISSION SHAKTI.pdf

International Women's Day with the Theme	232	https://ezone.sharda.ac.in/ezone-
Gender Equality Today for A Sustainable		2022/admin/naaccriteria/getpdfdetai
Tomorrow		Is/naaccriterias_pdf-2022-
		2023:criteria_3.6.3.x:INTERNATIONAL
		WOMEN DAY-
		GENDER_EQUALITY.pdf

Research Programmes

Name of the Research Programme	<u>Link</u>
	http://shardaevents.com/event/sharda-university-
The Science Behind the Study: Understanding the	caramp-organizing-an-invited-lecture-on-the-science-
Anatomy of Research Methodology	behind-the-study-understanding-the-anatomy-of-
	research-methodology-13th-june-2023/
	http://shardaevents.com/event/sharda-university-
Training Session on Use of SCC & HEIN Online	school-of-law-is-organizing-a-training-session-on-use-
Database for exceptional Legal Research	of-scc-hein-online-database-for-exceptional-legal-
Database for exceptional Legal Nescaren	research-on-friday-26th-february-2021-from-0300-
	pm/
2nd International Forensic Forum 2022, Quality	http://shardaevents.com/event/2nd-international-
Evidence In CSI- Research, Innovation And Challenges	forensic-forum-2022-quality-evidence-in-csi-research-
Evidence in est hesearch, innovation / the chancinges	innovation-and-challenges/?instance_id=14160
National workshop on Systematic review and Meta-	http://shardaevents.com/event/national-workshop-
analysis	on-systematic-review-and-meta-analysis-ii-28th-29th-
unarysis	april-2023-ii-ssnsr/
	https://www.sharda.ac.in/happenings/5-day-faculty-
Insight into Research Methodology	development-programme-onlsquo-insight-to-
	resesarch-methodologysmsr24th28th-april-2023
FDP on Outcome-Oriented Teaching Learning Practices & Research A Multi- Dimensional Approach	http://shardaevents.com/event/one-week-faculty-
	development-programme-on-outcome-oriented-
	teaching-learning-practices-research-a-multi-
	dimensional-approach-hybrid-from-monday-11th-july-
	to-saturday-16th/

Development of Educational Resources

Collaborating with non-governmental organizations (NGOs) for Sustainable Development Goals (SDGs) initiatives and the development of educational resources is a powerful way to address social and educational challenges. The faculty members at Sharda University have been at the forefront in developing impactful educational resources.

Title of Educational Resource Developed	Link
E-Commerce Ke Samajik Aur Naitik Pahelu	https://onlinecourses.swayam2.ac.in/nou21_ge39/course
Shadi Dot Com Ka Vyashti Addhyan	https://onlinecourses.swayam2.ac.in/nou21_ge39/course
	http://heecontent.upsdc.gov.in/ViewPdf.aspx?Type=7e%2fM9rItOkCOU
Monobloc In Endodontics	bJtRLe5RSqgrdf25ntCRRn99FGDnR4%3d&Content_ID=JHKpBYVtwxkDtlG

b1V9/3ad http://heecontent.upsdc.gov.in/ViewPdf.aspx?Type=7e%2fM9rltOkCOU b1RLesfkSggrdf25ntCRRn99FGDnR4%3d&Content_ID=5imQ1eFmbz2Pk7 DmIjEulw%3d%3d&GeFlag=N8On8ic7axf2tid%2bb00NJBEyq02z4SKSDPXbL N4b1VV83d http://heecontent.upsdc.gov.in/ViewPdf.aspx?Type=7e%2fM9rltOkCOU b1RLesfkSggrdf25ntCRRn99FGDnR4%3d&Content_ID=VQCxr47si95SNB3 ATrH2bg%3d%3d&Flag=N8On8ic7axf2tid%2bb00NJBEyq02z4SKSDPXbL N4b1VV83d http://content.upsdc.gov.in/ViewPdf.aspx?Type=7e%2fM9rltOkCOU b1RLesfkSggrdf25ntCRRn99FGDnR4%3d&Content_ID=VQCxr47si95SNB3 ATrH2bg%3d%3d&Flag=N8On8ic7axf2tid%2bb00NJBEyq02z4SKSDPXbLN 4b1VV83d https://convepository.s3.ap-south-1.amazonaws.com/sharada_repository/file_1632126713_0005503_EPIS ODE-1DCRURALDEVELOPMENT.mp3 https://convepository.s3.ap-south-1.amazonaws.com/sharada_repository/file_1632126876_0005503_EPIS ODE-2DCMASSMEDIATECHENOLOGIES.mp3 https://convepository.s3.ap-south-1.amazonaws.com/sharada_repository/file_1632126876_0005503_EPIS ODE-2DCMASSMEDIATECHENOLOGIES.mp3 https://convepository.s3.ap-south-1.amazonaws.com/sharada_repository/00058574928_20210108_15244 O1.mp4 https://convepository.s3.ap-south-1.amazonaws.com/sharada_repository/00058574928_20210108_15244 O1.mp4 https://convepository.s3.ap-south-1.amazonaws.com/sharada_repository/file_1644387586_0005575_file_164431202_4005575_Ph3erbalAll-3derialInfections.mp4 https://convepository.s3.ap-south-1.amazonaws.com/sharada_repository/file_1644387586_0005575_file_164431373_0005575_Ph3erbalAll-3derialInfections.mp4 https://convepository.s3.ap-south-1.amazonaws.com/sharada_repository/file_1644388140_0005575_file_164431355_0005575_DrSheebalAll-3derialInfections.mp4 https://convepository.s3.ap-south-1.amazonaws.com/sharada_repository/file_1644388147_0005575_file_164431355_0005575_DrSheebalAll-3derialInfections.mp4 https://convepository.s3.ap-south-1.amazonaws.com/sharada_repository/file_1644388140_0005575_file_164431355_0005575_DrSheebalAll-3derialInfections.mp4 https://convepository.s3.ap-south-1.amazonaws.com/sharada_repository/file_1644388166_0005575_file_164431		00 1: 100/2 10/2 10/2 10/5
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17.4 Education for the SDGs

Securing a sustainable future calls for a well-designed set of commitments and targets, which can be developed through delivery of effective educational programs which will inculcate the tendency to think and behave responsibly towards replenishing the balance on Earth leading to a secured future for the coming generations.

17.4.1 Education for SDGs commitment to meaningful education

In order to mend together the students with the concept of sustainability, Sharda University marches ahead with its specifically devised teaching approaches, research initiatives and University practices. We provide a platform for the holistic development of our students by sensitizing them towards various societal aspects such as ethics, values, gender centric issues, etc.

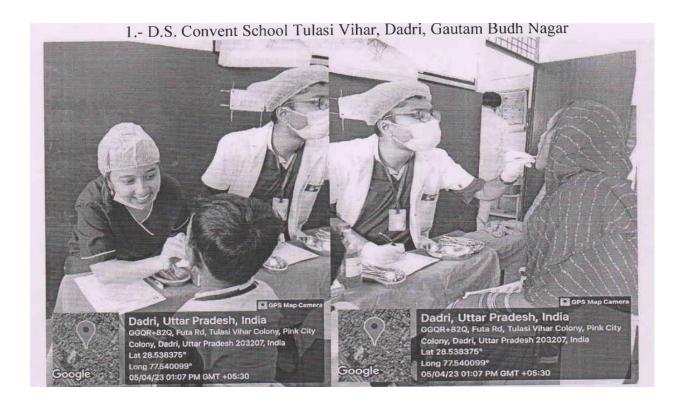
17.4.2 Education for SDGs specific courses on sustainability

Sharda University has incorporated the concept of sustainability into the curricula through various subjects focusing on sustainability issues, to be taught at both the graduate and post graduate students, across the University. Renewable Energy (PHB337), Environment and Society (BSO309), Solid, Biomedical And Hazardous Waste Management (CVL642), Responsible & Sustainable Marketing (DSC084), Water Treatment And Purification Techniques (MES201), Ground Water Quality And Management (MWE206), Water Sanitation And Health (MWE205), Environmental Sciences (BSP206T), Human Value & Ethics (HMM111).

17.4.3 Education for SDGs in the wider community

Sharda University has been actively engaged in providing education for SDGs in the wider community through its meticulously developed outreach activities. Some of them are as follows:

• In order to spread the message of good oral health and hygiene among the community, an awareness camp was organized by Sharda University. The aim of the camp was to motivate the community towards the value of maintain sound oral health.



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 An awareness programme was organized to address the issue of "Nutrition during Pregnancy" by Sharda School of Medical Sciences and Research, wherein almost 100 patients in the OPD along with their attendants were educated on the matter.



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• The Legal Aid Society- Sharda School of Law organized and event on "Good Touch and Bad Touch" at Bahlolpur Village, New Delhi, in order to address the dark realities of child abuse and molestation.



Sharda University

Plot No. 32, 34, Knowledge Park-III, Greater Noida- 201306, UP



Visit of Legal Aid Camp on "Awareness on Good Touch and Bad Touch" at Bahlolpur Village, New Delhi, 29th November, 2021

Link: https://ezone.sharda.ac.in/ezone-2022/admin/naaccriteria/getpdfdetails/naaccriterias-pdf-2022-2023:criteria-3.6.3.x:29-11-2021-Free Legal Awareness cum Community Connect Camp.pdf

 Sharda University keenly organizes frequent interaction of the students with Alumni from various schools in order to acquaint the students with the latest developments in the multi-faceted industry and to gear them up for future endeavous.





