



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.

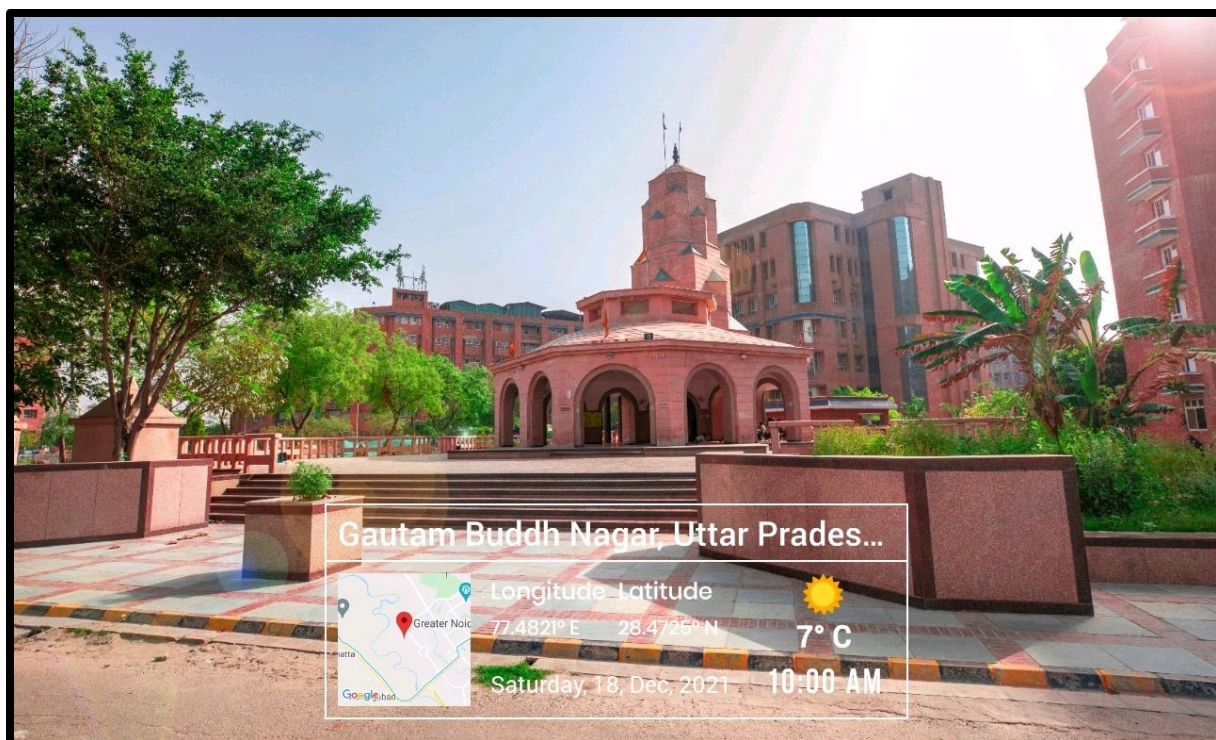


Figure-1: University Temple Complex

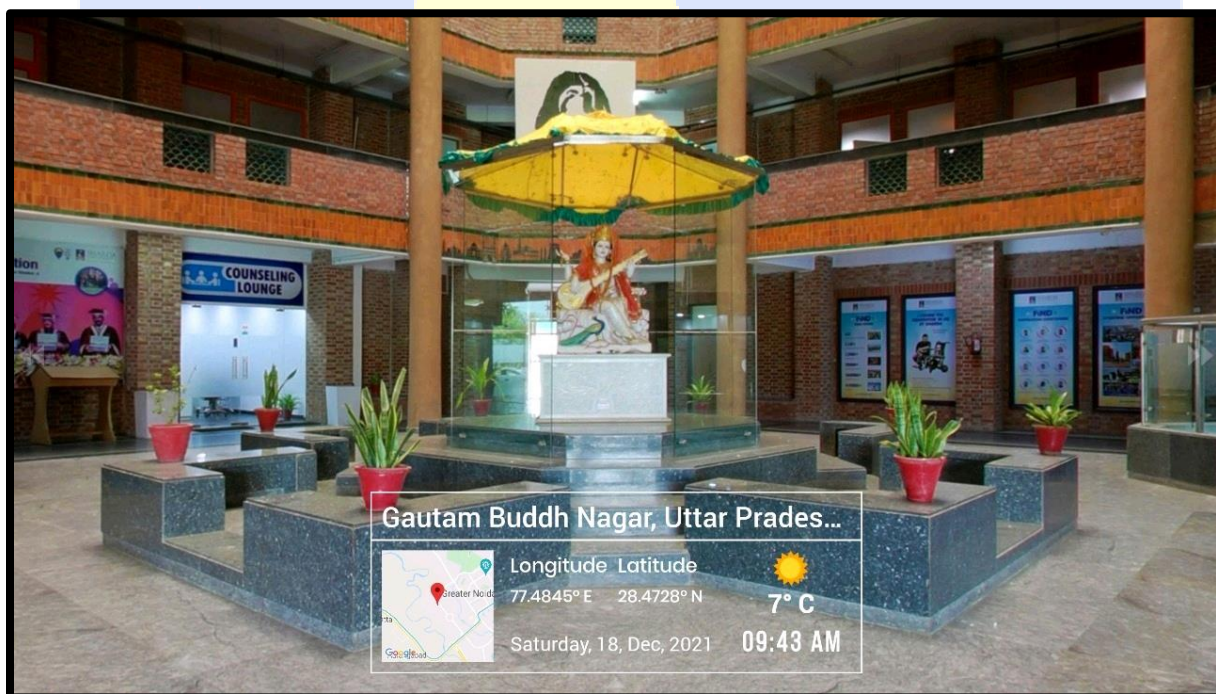


Figure-2: Goddess Saraswati - The Goddess of Education at Block-2

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

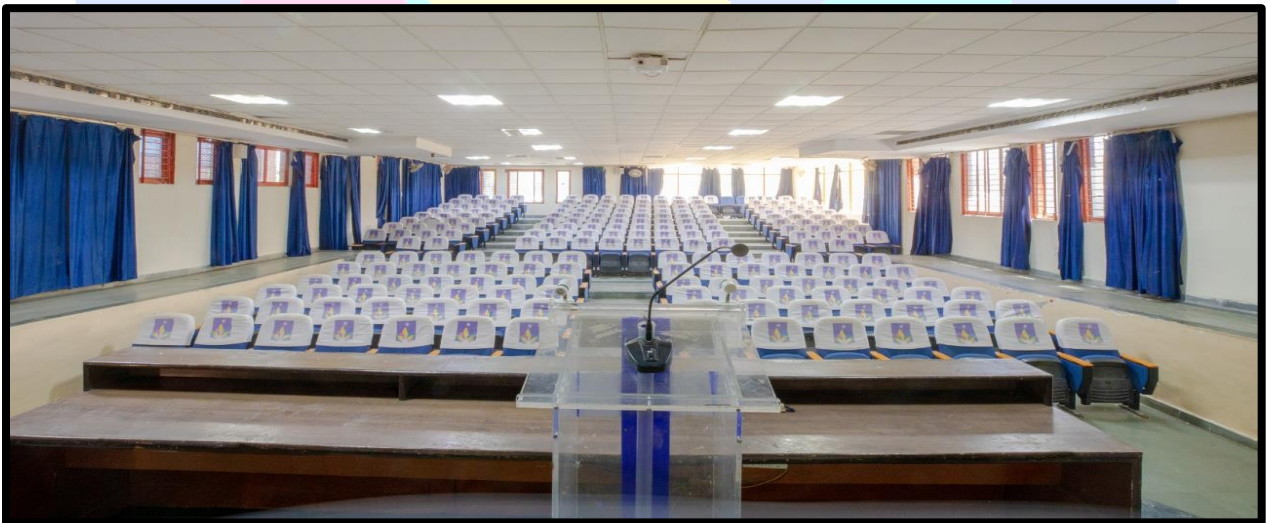


Figure-4: Vishveshwaraiya Auditorium

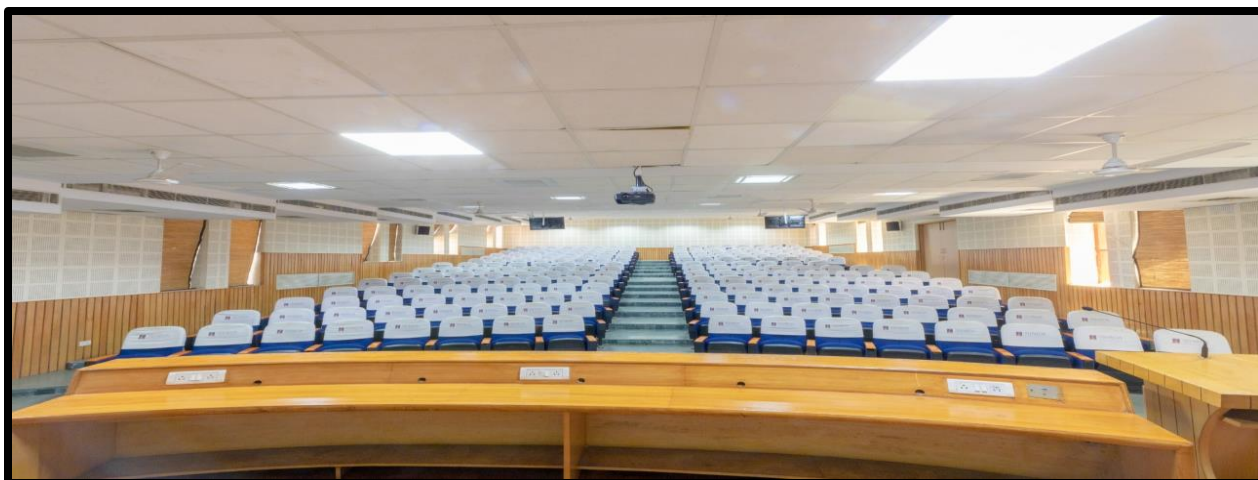


Figure-5: APJ Abdul Kalam Auditorium

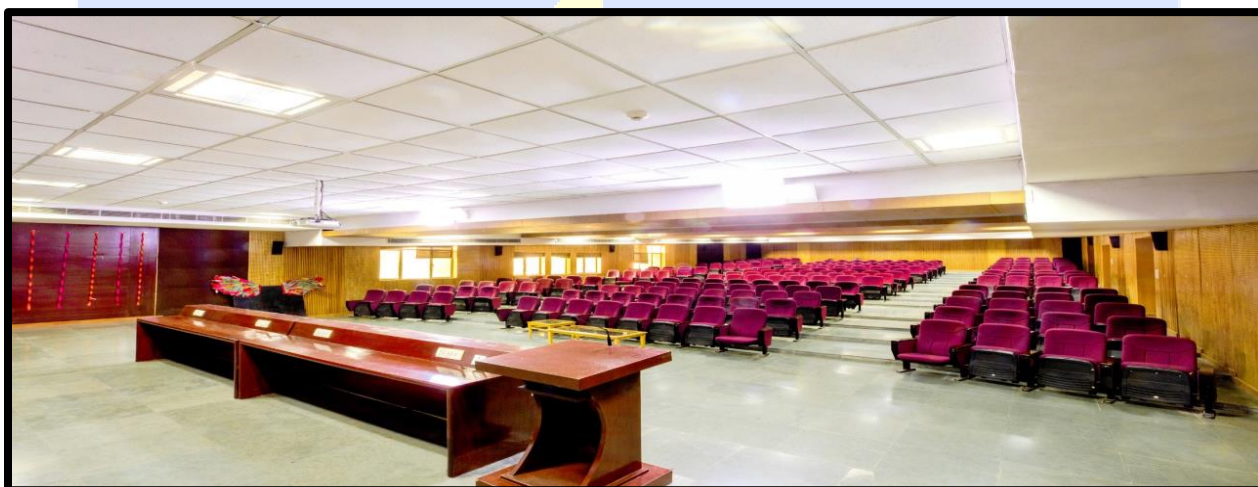


Figure-6: Auditorium at Sharda School of Business Studies



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.

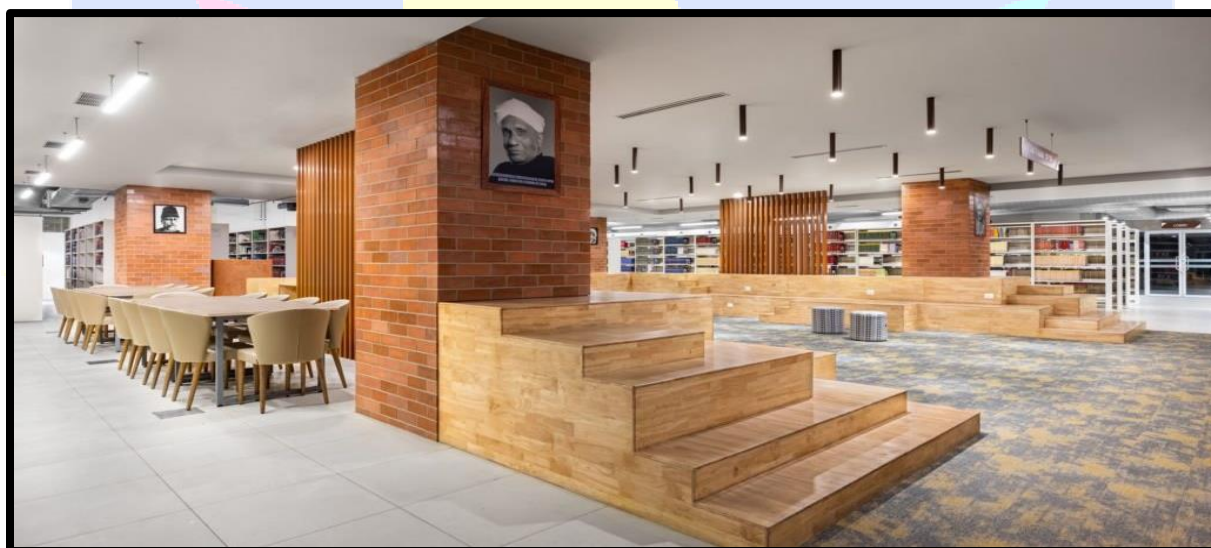


Figure-8: Central Library, Sharda University

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.

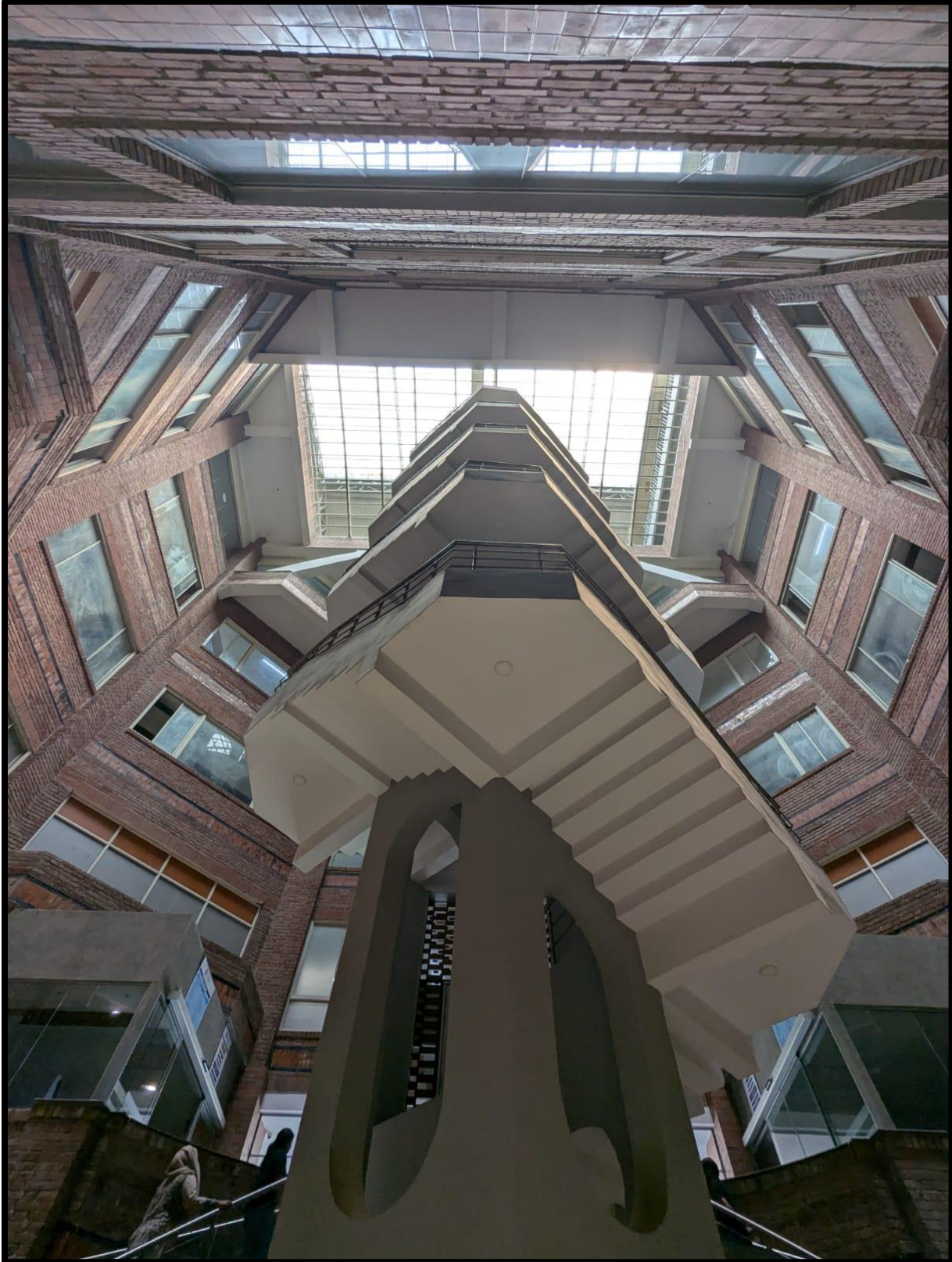


Figure-10: Interior View of the Library's Atrium

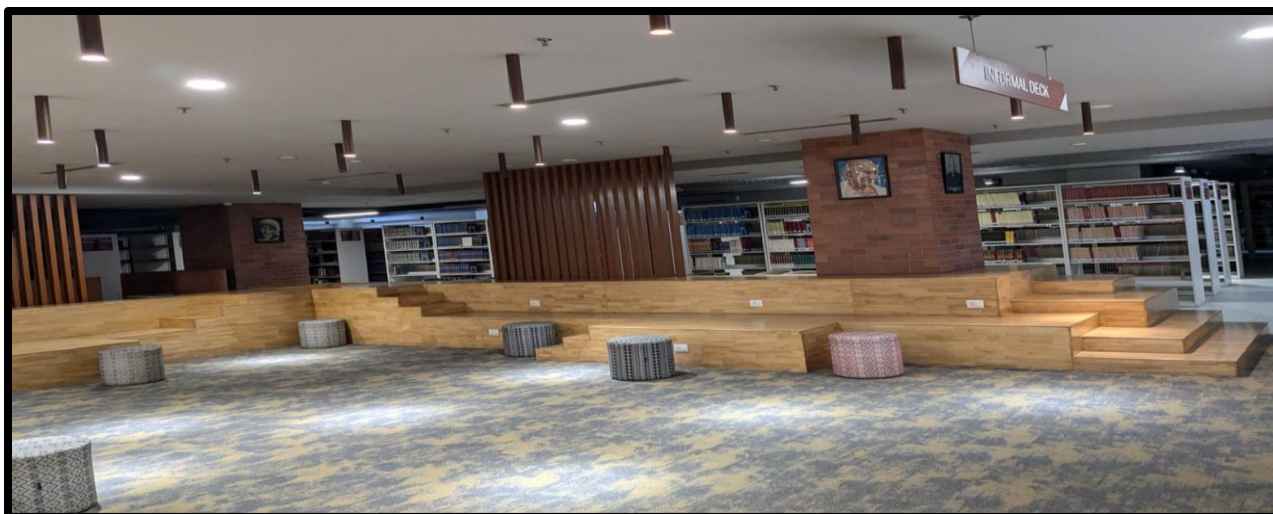


Figure-11: Central Library_Informal Reading Zone

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:

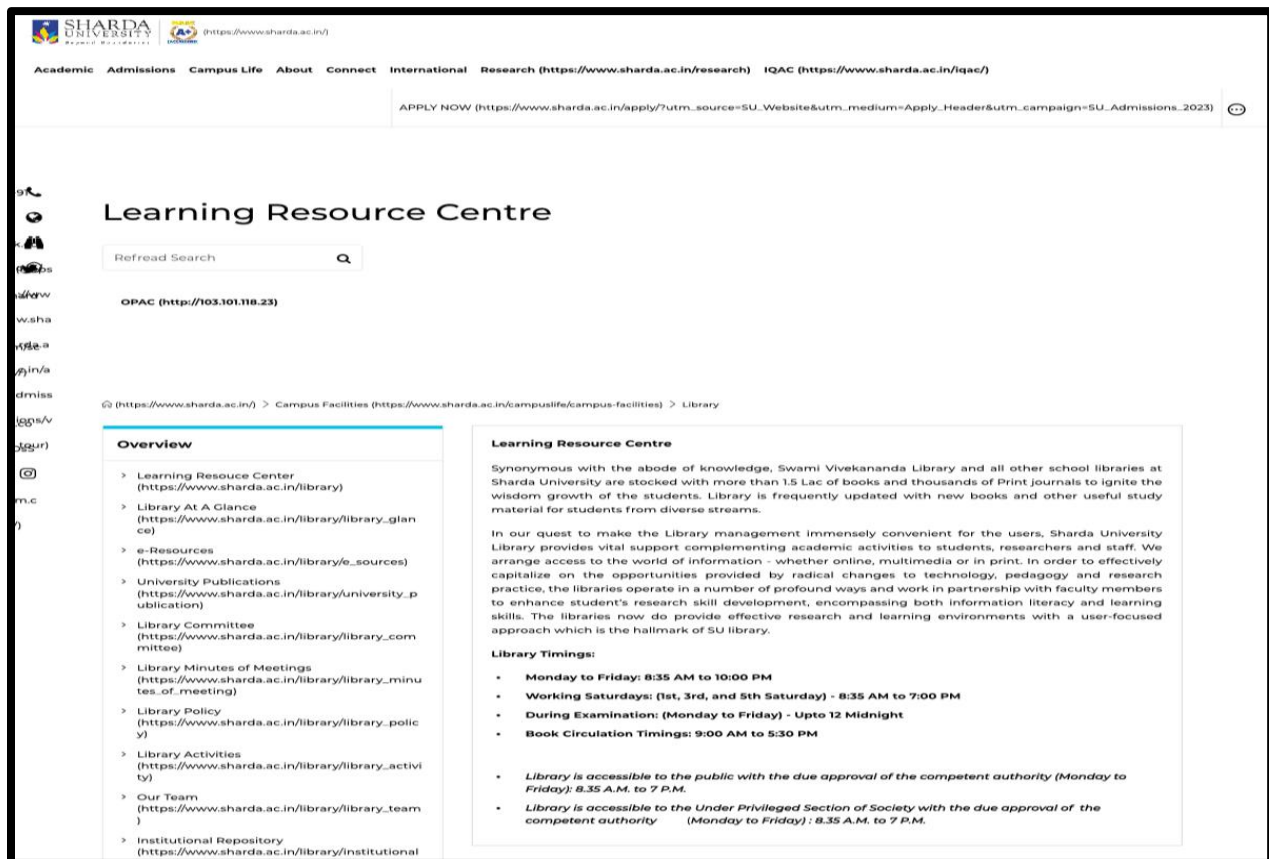


Figure-12: Library Webpage with Public Access Details



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

The university regularly hosts **workshops** that focus on various artistic and cultural practices. 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



SHARDA UNIVERSITY
Beyond Boundaries



Fine Arts Club & Student Council
Presents

Colors Of Joy

"Best Out Of Waste"

Prizes worth **50K**

Last date of submission :- **5th September 2022**

Convenors

Dr. Nirupma Gupta, Dean of Students Welfare SU

Dr. Mohit Sahni, Associate, Dean Students Welfare SU

Dr. Rachna Bansal, SUSBS Assistant Professor and Fine Arts Club Coordinator
(rachna.bansal@sharda.ac.in)

Coordinators

Mr. Vikrant (DSW Office)

Ms. Rashmi (DSW Office)

Student Coordinators

Devpratap Tomar (7409536357)

Divyanshi Kapoor (8595033900)

Scan the QR for
registration




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

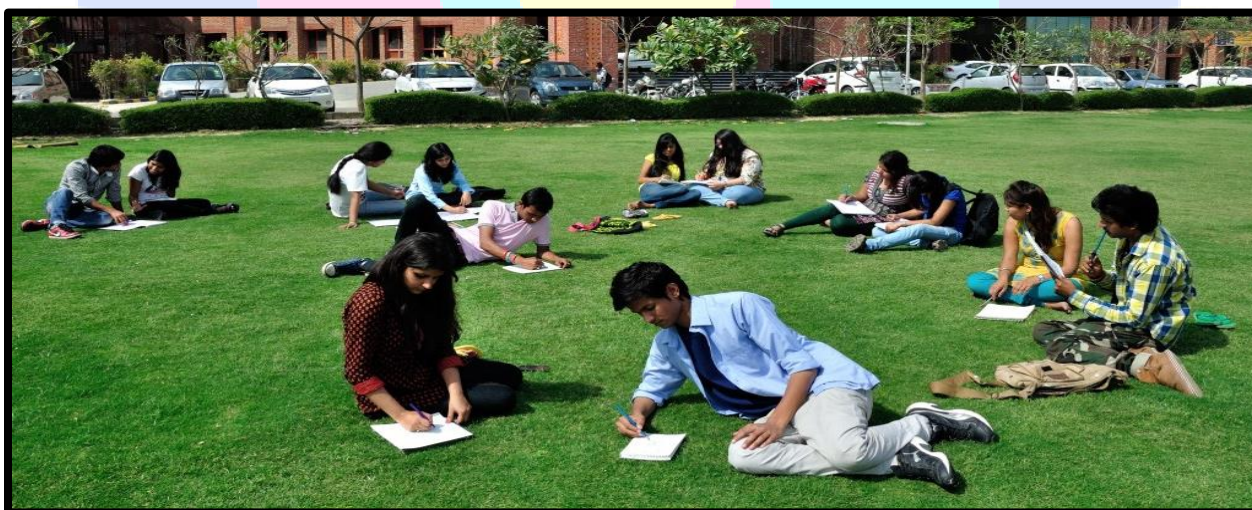


Figure-23: Lawn in front of Block-2

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 personal 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.com/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.com/event/ncc-fest-vasudev-kutumbakam/
3	Independence Day Parade “Bharat ka Gaurav”	11-08-2022	http://15.206.4.234/shardaevents.com/event/independence-day-parade-bharat-ka-gaurav/
4	Unsung Heroes of India’s freedom struggle	11-08-2022	http://15.206.4.234/shardaevents.com/event/unsung-heroes-of-indias-freedom-struggle/
5	Colors of Joy	25-08-2022	http://15.206.4.234/shardaevents.com/event/colors-of-joy/
6	Teachers' Day Celebration	10-09-2022	http://15.206.4.234/shardaevents.com/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.com/event/the-society-for-cultural-activities-sharda-school-of-law-sharda-university-is-organizing-ethnic-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.com/event/mata-ki-chawki-and-dandiya-night/

9	ALUMINI MEET- CONVERGE AGAIN- 22	10-10-2022	http://15.206.4.234/shardaevents.com/event/alumini-meet-converge-again-22/
10	Deepawali Celebration	19-10-2022	http://15.206.4.234/shardaevents.com/event/deepawali-celebration/
11	School of Humanities & Social Sciences organised an Ethnic Day 2022	21-10-2022	http://15.206.4.234/shardaevents.com/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.com/event/freshers-party-roses-rookies-figt/
13	Annual Media Fest “MEFT FEST 2022” •	21-11-2022	http://15.206.4.234/shardaevents.com/event/annual-media-fest-meft-fest-2022/
14	SOE- Freshers' Talent Hunt 2022	29-11-2022	http://15.206.4.234/shardaevents.com/event/soe-freshers-talent-hunt-2022/
15	Fresher party	30-11-2022	http://15.206.4.234/shardaevents.com/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.com/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.com/event/navotsav-22-celebrity-night/
18	WINTER CARNIVAL	07-12-2022	http://15.206.4.234/shardaevents.com/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.com/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.com/event/5th-inter-university-qawwali-competition-on-16th-17th-february-2023/
22	Chorus 2k23- Symphony of Senses	13-03-2023	http://15.206.4.234/shardaevents.com/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.com/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.com/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.com/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.com/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.com/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.com/event/mega-cultural-event-on-17th-april-2023-ssbsr-department-of-physics/
29	Kalakriti to celebrate world art Day	20-04-2023	http://15.206.4.234/shardaevents.com/event/kalakriti-to-celebrate-world-art-day/
30	SOE Farewell 2023	24-04-2023	http://15.206.4.234/shardaevents.com/event/soe-farewell-2023/

31	Â Farewell 2023 â€ Hasta La Vistaâ€™Â Â	03-05-2023	http://15.206.4.234/shardaevents.com/event/farewell-2023-hasta-la-vista/
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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.com/event/azadi-ka-amrit-mahotsav-2022/
2	Poem Recitation	10-08-2022	http://15.206.4.234/shardaevents.com/event/poem-recitation/
3	Fine Art Event (A tribute to celebrate 75 years of Independence)	24th January, 2022	http://shardaevents.com/event/fine-art-event-a-tribute-to-celebrate-75-years-of-independence/
4	Independence Day Parade "Bharat ka Gaurav"	11-08-2022	http://15.206.4.234/shardaevents.com/event/independence-day-parade-bharat-ka-gaurav/
5	School of Humanities & Social Sciences is organising an event "Cross Examination" A pan Sharda debate competition as a part of	26-08-2022	http://15.206.4.234/shardaevents.com/event/school-of-humanities-social-sciences-is-organising-an-event-cross-examination/

	celebrations on the occasion of “Azadi ka Amrit Mahotsav”		
6	Remembering Gandhi - A Protagonist of Peace	29-09-2022	http://15.206.4.234/shardaevents.com/event/remembering-gandhi-a-protagonist-of-peace/
7	Webinar on French Language Program Sharda Skills	06-10-2022	http://15.206.4.234/shardaevents.com/event/webinar-on-french-language-program-sharda-skills/
8	Webinar on SPANISH LANGUAGE PROGRAM Sharda Skills	01-10-2022	http://15.206.4.234/shardaevents.com/event/webinar-on-spanish-language-program-sharda-skills/
9	The Society for Cultural Activities, Sharda School of Law, Sharda University is organizing Ethnic Day Celebration • on Friday, 30th September 2022, 01.30 PM onwards.	30-09-2022	http://15.206.4.234/shardaevents.com/event/the-society-for-cultural-activities-sharda-school-of-law-sharda-university-is-organizing-ethnic-day-celebration-on-friday-30th-september-2022-01-30-pm-onwards/
10	Mata Ki Chawki And Dandiya Night	03-10-2022	http://15.206.4.234/shardaevents.com/event/mata-ki-chawki-and-dandiya-night/
11	Awareness/ Outreach Programme on Save Soil Mission	12-10-2022	http://15.206.4.234/shardaevents.com/event/awareness-outreach-programme-on-save-soil-mission/
12	Deepawali Celebration	19-10-2022	http://15.206.4.234/shardaevents.com/event/deepawali-celebration/
13	School of Humanities & Social Sciences is organising an Ethnic Day 2022	21-10-2022	http://15.206.4.234/shardaevents.com/event/school-of-humanities-social-sciences-is-organising-an-ethnic-day-2022/
14	Live Movie Screening Series Called Flames 11th November 2022	10-11-2022	http://15.206.4.234/shardaevents.com/event/live-movie-screening-series-called-flames-11th-november-2022/
15	Sharda School of Law, Sharda University in Collaboration with Indigenous, a part of project I-Leads is organizing a lecture cum suggestion drive on India's G-20 Presidency - Vasudhaiva Kutumbakam: Our Cultural Approach on Friday, 18th November from 10:00 AM onwards.	17-11-2022	http://15.206.4.234/shardaevents.com/event/sharda-school-of-law-sharda-university-in-collaboration-with-indigenous-a-part-of-project-i-leads-is-organizing-a-lecture-cum-suggestion-drive-on-indias-g-20-presidency-vasudhaiva-kutumbakam-ou/
16	TRADITIONAL HOUSE - VERNACULAR BUILDING DESIGN WORKSHOP	16-01-2023	http://15.206.4.234/shardaevents.com/event/traditional-house-vernacular-building-design-workshop/

17	Sharda School of Law (SSOL) Cultural organizing â€œEXPRESSIONS # 2023 - Sing, Dance and Express with your Heartâ€• 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/
18	Remember 23rd January, the birthday, of Netaji Subhash Chandra Bose , as Prakram Divas	23-01-2023	http://15.206.4.234/shardaevents.com/event/remember-23rd-january-the-birthday-of-netaji-subhash-chandra-bose-as-prakram-divas/
19	5th Inter University Qwwali Competition on 16th -17th February 2023	14-02-2023	http://15.206.4.234/shardaevents.com/event/5th-inter-university-qwwali-competition-on-16th-17th-february-2023/
20	Study visit/Workshop on Historical Research and Photography B. Arch - SSDAP 25th February 2023	24-02-2023	http://15.206.4.234/shardaevents.com/event/study-visit-workshop-on-historical-research-and-photography-b-arch-ssdap-25th-february-2023/
21	Inauguration ceremony of Chorus 2023 SPIC MACAY performance by Guru Geeta Mahalik	22-03-2023	http://15.206.4.234/shardaevents.com/event/inauguration-ceremony-of-chorus-2023-spic-macay-performance-by-guru-geeta-mahalik/
22	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.com/event/celebrating-tradition-day-on-auspicious-festival-navratri-and-ramadan-month-for-teaching-non-teaching-staff-and-students-of-architecture/

Following is the list of publications contributing in recording and preserving heritage –

Year	School	Department	Title of Book/Book Chapter	Name of the author/s	ISBN/ISSN
2022-2023	Sharda School of Design, Architecture & Planning	Art & Design	Green Manufacturing in Apparel Industry: Future Trends and Scope	Ankita Shukla Pandey, Vasundhara Saluja	978-981196106-9
2022-2023	Sharda School of Humanities & Social Sciences	Humanities & Social Sciences	Hope and Religious Practices: Predictors of Good Mental Health among Elderly People	Priya Choudhary and Hariom Sharma	978-93-94779-14-3

2022-2023	Sharda School of Humanities & Social Sciences	Humanities & Social Sciences	Sarat Chandra Chattopadhyay and his Portrayal of Female Protagonists: Progressive or Patriarchal	Srishti Jalal and Pramod Kumar	978-93-94779-14-3
2022-2023	Sharda School of Humanities & Social Sciences	Humanities & Social Sciences	Revisiting Hindu Mythology and Redefining Femininity in Chitra Banerjee Divakaruni's The Place of illusions	Pallavi Thakur	978-93-94779-14-3
2022-2023	Sharda School of Humanities & Social Sciences	Humanities & Social Sciences	Adaptations of the Indian Epic Mahabharata in Films and Television Shows	Ayushi Jaiswal, Niraj Raj, Pramod Kumar	978-93-94779-14-3
2022-2023	Sharda School of Humanities & Social Sciences	Humanities & Social Sciences	Culture and Identity in Amitav Ghosh's 'The Shadow Lines' and Rohinton Mistry's 'Such a Long Journey'	Km. Anjana and Rafrat Shakil	978-93-94779-14-3
2022-2023	Sharda School of Humanities & Social Sciences	Humanities & Social Sciences	Women and Partition: Dehumanised Feminine Self Surmised by "Lajwanti" and "Pinjar"	Shreya Bhardwaj and Mukuta Borah	978-93-94779-14-3
2022-2023	Sharda School of Humanities & Social Sciences	Humanities & Social Sciences	Resistance against Caste and Gender Oppression in Bama's Sangati and Baby Kamble's The Prison We Broke	Rafrat Shakil Ansari	978939000000
2022-2023	Sharda School of Humanities & Social Sciences	Humanities & Social Sciences	Representation of Kashmiri Pandits' Trauma and Alienation in Siddharth Gigoo's Garden of Solitude	Simran Koul, Pallavi Thakur	979-8889750710
2022-2023	Sharda School of Humanities & Social Sciences	Humanities & Social Sciences	Repercussions of Caste Violence on Indian Dalit Women: Acknowledging Dalit Women's Solidarity and Unity	Meghna Mathur and Pallavi Thakur	979-8889750710

			against Caste Violence in Bama's Vanmam		
2022-2023	Sharda School of Humanities & Social Sciences	Humanities & Social Sciences	वो जो था ख्वाब-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 Saxena, Abhay Kaushik	978-93-90567-69-0

2022-2023	Sharda School of Design, Architecture & Planning	Architecture	Exploring The Potential Of Adaptive Façade Systems	Samiullah Abdullah, Sonam Batra and Satvinder Singh Walia	978-93-90567-68-3
2022-2023	Sharda School of Design, Architecture & Planning	Architecture	History Of Museums: A Timeline	Paras Jain , Krishan Kumar and Bhupesh Garg	978-9390567683
2022-2023	Sharda School of Humanities & Social Sciences	Humanities & Social Sciences	Women's Identity and Representation in History & Literature	Rafrat Shakil & Shachee Agnihotri	978-93-5764-862-0
2022-2023	Sharda School of Design, Architecture & Planning	Architecture	Market as Public Space	Kirti Rawat, Abhay Kaushik and Sonam Batra	978-9390567683
2022-2023	Sharda School of Design, Architecture & Planning	Art & Design	From Screen to Streets: How Bollywood Fashion Influences the Masses	Vasundhara Saluja & A.B.M Tanvirul Islam	978-93-91248-63-5
2022-2023	Sharda School of Design, Architecture & Planning	Art & Design	To Reuse the Fabric Waste: Implementing the Japanese Technique of Kintsugi	Vasundhara Saluja & Utsav Bharadwaj	978-93-91248-63-5
2022-2023	Sharda School of Design, Architecture & Planning	Art & Design	A Research On Repositioning Khadi As A Sustainable Fashion Textile	Vasundhara Saluja & Vibha Kapoor	978-93-91248-63-5
2022-2023	Sharda School of Humanities & Social Sciences	Humanities & Social Sciences	Unveiling Resilience: Maternal Love And The Pursuit Of Justice In Shahnaz Bashir'S 'Half Mother'	Qurat -ul -aen, Rafrat Shakil ANSARI	978-625-367-232-4
2022-2023	Sharda School of Design, Architecture & Planning	Art & Design	A bibliometrics analysis of the evolution and trends in ergonomics in garment industry	Aakanksha, Vibha Kapoor	978-93-91535-43-8
2022-2023	Sharda School of Humanities	Humanities & Social Sciences	Rambuai And Human Suffering In Malaswami Jacob'S	Lallianmawia Lianhna & Dr. Rafrat Shakil Ansari	978-625-367-026-9

	& Social Sciences		„Zorami: A Redemption Song“		
2022-2023	Sharda School of Design, Architecture & Planning	Art & Design	Kashmir Textiles and Embroidery	Neelam Agrawal Srivastava	9789390000000
2022-2023	Sharda School of Design, Architecture & Planning	Art & Design	The Impact of Knitted Structure in the Shoe	Aditya Prasad and Neelam Shrivastava	9789390000000
2022-2023	Sharda School of Humanities & Social Sciences	Humanities & Social Sciences	A Postcolonial Study of Trauma in The Lost Homestead: My Mother Partition and Punjab	Shreya Bhardwaj, Mukuta Borah	978-9951-764-72-8
2022-2023	Sharda School of Humanities & Social Sciences	Humanities & Social Sciences	Samhita Arni's Sita's Ramayana: Deconstruction of Binaries	Khushi Sharma and Gurpyari Bhatnagar	978-9392459368

Following is the list of MoU's signed contributing towards recording and preserving intangible heritage –

Year	School	Department	Name of the Organization OR Institution OR Industry with whom MoU is signed	Duration (Yrs)	MoU Document
2022 - 2023	University	University	Greater Noida Industrial Development Authority	03 Years	https://ezone.sharda.ac.in/ezone=2022/admin/naaccriteria/getpdfdetails/naaccriterias_pdf-N2022-2023:criteria_3.7.2:MOU_Greater_Noida_Authority_1_.pdf
2022 - 2023	Sharda School of Media, Film & Entertainment	Mass Communication	Ravi Sarin Motion Pictures Pvt Ltd	01 Day	https://ezone.sharda.ac.in/ezone=2022/admin/naaccriteria/getpdfdetails/naaccriterias_pdf-N2022-2023:criteria_3.7.2:MOU_with_Ravi_Sarin_Motion_Pictu.PDF

2022 - 2023	Sharda School of Media, Film & Entertainment	Mass Communication	Ravi Sarin Motion Pictures Pvt Ltd	03 Days	https://ezone.sharda.ac.in/ezone-2022/admin/naaccriteria/getpdfdetails/naaccriterias_pdf-N2022-2023:criteria_3.7.2:MOU_with_Ravi_Sarin_Pataalok.PDF
2022 - 2023	Sharda School of Media, Film & Entertainment	Mass Communication	Reel touch Production	02 Days	https://ezone.sharda.ac.in/ezone-2022/admin/naaccriteria/getpdfdetails/naaccriterias_pdf-N2022-2023:criteria_3.7.2:MOU_with_Reel_Touch_Production_College_Romance.PDF
2022 - 2023	Sharda School of Media, Film & Entertainment	Mass Communication	Yansh Entrainment, Ghaziabad	01 Day	https://ezone.sharda.ac.in/ezone-2022/admin/naaccriteria/getpdfdetails/naaccriterias_pdf-N2022-2023:criteria_3.7.2:MOU_with_Yansh_Entertainment_Bajaj_Avenger.PDF
2022 - 2023	University	University	Roaming Souls Technologies Pvt Ltd, Hardoi UP	03 Years	https://ezone.sharda.ac.in/ezone-2022/admin/naaccriteria/getpdfdetails/naaccriterias_pdf-N2022-2023:criteria_3.7.2:Roaming_Souls.pdf

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:

Faculty Development Exps.	51,60,279	39,55,189
Professional Charges (Dns)	8,97,99,343	9,56,48,408
House Keeping Expenses	12,36,52,064	9,57,99,169
Security Exp.	4,13,05,044	2,74,59,891
Insurance of Staff	54,191	1,01,323
Gratuity Expenses	1,72,71,669	2,43,03,537
Gratuity Provision Expenses	4,98,28,261	4,64,64,636
Total	2,01,45,29,888	1,74,65,98,987

Schedule-N : Financial Expenses

Particulars	For the year ending 31st March, 2023	For the year ending 31st March, 2022
	Amount (in Rs.)	Amount (in Rs.)
Bank Charges	42,63,558	43,48,034
Interest on term loans from banks and others (secured)	7,33,93,890	10,87,27,617
Interest on Vehicle & Equipment Loan (secured)	36,18,533	19,27,030
Interest to Others	2,99,702	4,44,065
Interest on Unsecured Loan	1,86,82,123	1,67,83,948
Total	10,02,77,806	13,72,30,696

Schedule-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	17,70,798	17,13,912
Property, Plant & Equipment Insurance Exp.	72,82,278	67,05,685
Charity & Donation	10,17,409	17,25,300
Conveyance Exp.	1,69,45,069	1,49,84,891
Travel & District Exp.(Vehicle)	1,48,04,194	81,22,533
Electricity Exp.	14,65,89,044	13,69,88,195
Function & Festival Exp.	3,86,23,824	3,66,88,910
Meeting Exp.	52,53,622	25,30,478
Webinar Exp.	6,762	1,38,292
Conference Exp.	41,23,234	12,30,415
Invited Talks Exp.	92,947	72,252
Workshop Exp.	11,04,990	4,43,365
Cultural Event Exp.	18,65,368	1,07,022
Seminar Exp.	3,21,116	3,13,579
MDP Exp.	-	81,727
Training Program Exp.	1,23,105	1,10,390
Games & Sports Exp.	17,70,909	14,45,249
Generator Diesel & Rent Exps.	2,66,17,501	1,95,76,358
Cloth & Uniform Exp.	1,49,15,172	70,23,105
Hostel Exp.	2,23,86,049	43,81,499
Horticulture And Plantation Exp.	1,96,83,824	78,64,780
Medical Programme Exp.	13,74,19,168	21,32,22,381



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Internet Exp.	10,38,401	1,05,903
Journal & Subscription Exps.	1,80,84,173	2,08,56,307
Lab & Workshop Exp.	5,73,85,784	5,09,16,344
Legal Aid Exp	18,58,088	60,57,330
Library Exp.	2,27,214	1,10,716
Meal & Diet to Patient	4,37,28,216	2,39,40,428
Office & Misc. Exp.	23,57,130	17,42,923
Rent	98,70,402	1,04,64,349
Postage And Courier Exp.	2,78,692	2,49,414
Consultancy Charges Paid	2,26,73,609	2,09,37,749
Repairs And Maint. Furniture	3,31,02,704	1,22,81,375
Repairs And Maint. building	17,91,49,037	15,30,35,663
Repairs And Maint. Computer	45,02,500	24,72,626
Repairs And Maint. Equipments	8,20,17,093	6,20,58,860
Stationary & Printing Exp.	2,97,14,294	1,38,80,120
Scholarship to Students th. University	20,89,42,162	14,80,53,861
Student Welfare Exp.	13,70,179	10,99,852
Career Counseling Exp.	2,34,79,054	1,16,64,446
Books for Students Exp.	2,84,56,753	2,56,45,237
synergy waste exp.	9,32,457	12,19,600
Telephone Exp.	71,75,062	43,36,339
Training & Placement Exp.	12,67,065	79,522
Study Tours & Travelling Exp	3,07,20,521	1,88,27,110
Visit And Affiliation Fees	1,02,70,832	1,23,74,746
Visit And Affiliation Exp.	48,72,155	1,55,070
Ric Charge Expenses	2,24,23,730	27,44,141
Membership Fees	25,41,768	21,78,455
Staff Recruitment Exp.	32,58,631	34,52,719
Examination Exp.	1,78,83,094	1,34,54,206
Admission Cell & Promotion Exp.	9,29,69,897	4,72,85,215
Research & Development Exp.	4,73,95,215	3,71,51,530
Insurance of students	24,73,740	44,81,104
Software Maintenance Exps.	3,33,98,417	3,65,37,532
Rebate & Discount	13,09,466	7,20,509
Parking Expenses	17,84,089	-
Medical Camp Expenses	67,02,110	-
Water Exp.	96,01,532	-
GNIDA Lease Exp	79,42,745	79,42,746
Advertisement & Publicity Expenses	24,59,66,809	19,19,29,301
Total	1,76,18,62,900	1,41,83,20,665
Total Expenses	3,87,66,70,594	3,29,71,50,348
Surplus Before Depreciation	1,33,33,82,570	1,21,63,70,719
Depreciation	39,12,94,820	39,55,54,372
Surplus of Incomes over Expenditure	94,20,87,751	82,08,16,347



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Figure-38 & 39: University Expenditure Report 2022-23

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	UP16BT1549	Petrol	Ambulance
32	Eco. Ambulance	UP16BT1978	Petrol	Ambulance
33	Eco. Ambulance	UP16BT8805	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	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

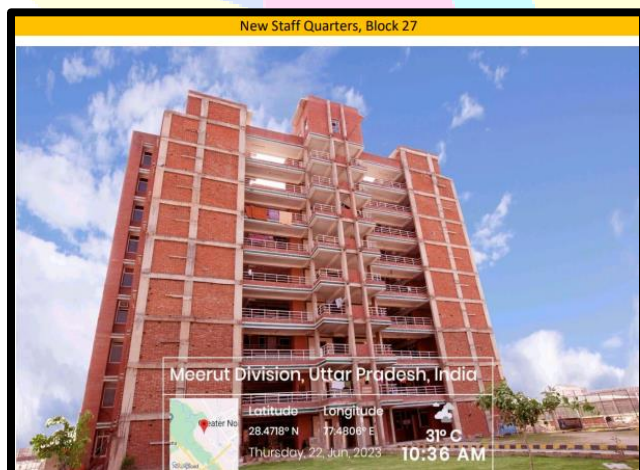


Figure-45: New Staff quarters Block 27

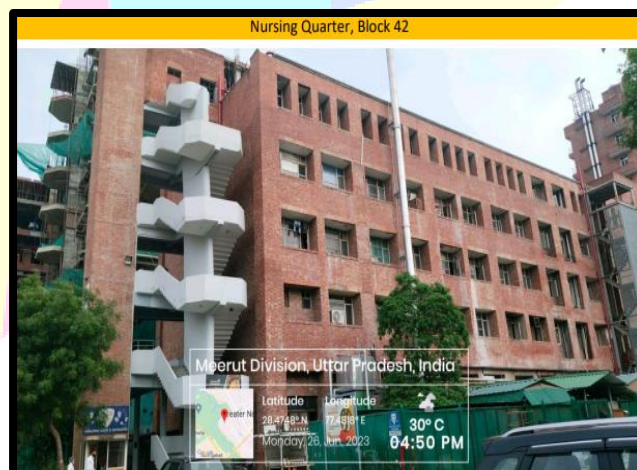


Figure-46: New Staff quarters Block 27

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
1	Vivekanand 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
Total			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
Total			1078	1966	1971
11	PG Hostel	Common	120	370	329
Total			1987	3972	3798

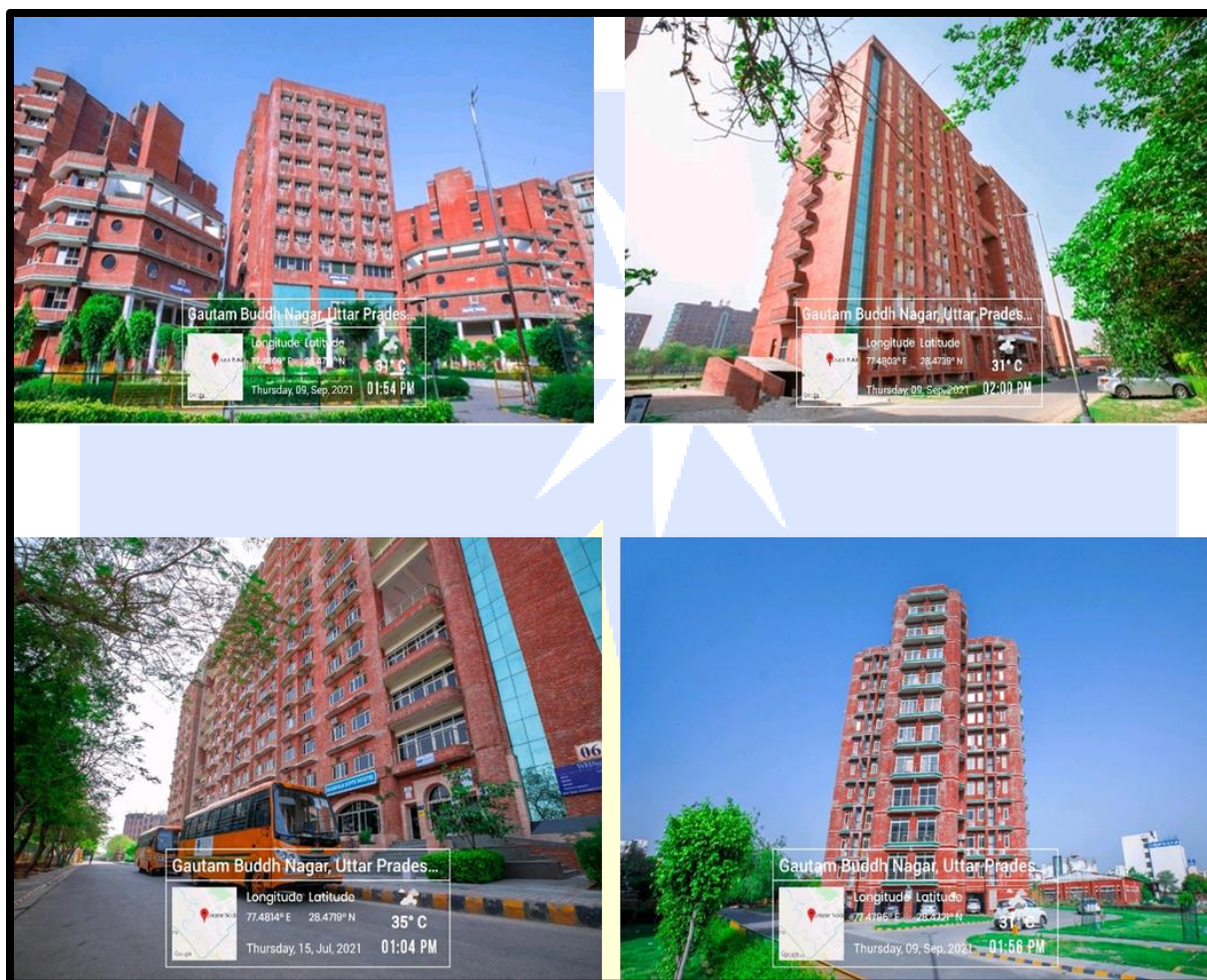


Figure-47: University student residences

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.ac.in/ezone-2022/admin/naaccriteria/getpdfdetails/naaccriterias_pdf-N2022-2023:criteria_3.7.2:MOU_Greater_Noida_Authority_1.pdf
2022-2023	Sharda School of Business Studies	Management	Laghu Udyog Bharti, MSME, Greater Noida	03 Years	https://ezone.sharda.ac.in/ezone-2022/admin/naaccriteria/getpdfdetails/naaccriterias_pdf-N2022-2023:criteria_3.7.2:LBU_MSME-MOU.pdf
2022-2023	Sharda School of Law	Law	The District Probation Officer, Gautam Budh Nagar	01 Year	https://ezone.sharda.ac.in/ezone-2022/admin/naaccriteria/getpdfdetails/naaccriterias_pdf-N2022-2023:criteria_3.7.2:MOU_with_District_Probation_Officer.pdf

Following are the collaborative events done by the university with local authorities –

Year	School	Department	Name of the Activity	Collaborating Agency	Event Document
2022-2023	School of Dental Sciences	Dental Sciences	Community Oral Health Awareness Program	SDS Sharda University & Gram Panchayat of nearby Villages	https://ezone.sharda.ac.in/ezone-2022/admin/naaccriteria/getpdfdetails/naaccriterias_pdf-2022-2023:criteria_3.6.3.x:1st_August_to_30_September_2022-Oral_Health_Awareness.pdf
2022-2023	School of Nursing Science	Nursing Sciences	world diabetes day	panchayat village, Gautam Buddh Nagar	https://ezone.sharda.ac.in/ezone-2022/admin/naaccriteri

	and Research				a/getpdfdetails/naaccriterias_pdf-2022-2023:criteria_3.6.3.x:World_Diabetes_Day.pdf
2022-2023	School of Nursing Science and Research	Nursing Sciences	World Aids Day	Rauni Village, Greater Noida	https://ezone.sharda.ac.in/ezone-2022/admin/naaccriteria/getpdfdetails/naaccriterias_pdf-2022-2023:criteria_3.6.3.x:Worlds_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/naaccriteria/getpdfdetails/naaccriterias_pdf-2022-2023:criteria_3.6.3.x:ECR_07-01_2023_Free_Legal_Aid_cum_Literacy_Camp_at_Patwari_Local_Village_GB_Nagar.pdf
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/naaccriteria/getpdfdetails/naaccriterias_pdf-2022-2023:criteria_3.6.3.x:ECR_11-01-23_Free_Legal_Aid_cum_Warm_Cloth_donation_drive_at_Old_Age_Home_Village_Dhankaur_GB_Nagar.pdf
2022-2023	School of Nursing Science and Research	Nursing Sciences	NATIONAL IMMUNIZATION DAY	ANGANWADI SCHOOL PANCHAYATAN VILLAGE	https://ezone.sharda.ac.in/ezone-2022/admin/naaccriteria/getpdfdetails/naaccriterias_pdf-2022-2023:criteria_3.6.3.x:Event_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 –

apave
Certification

Audit report

SHARDA UNIVERSITY

Auditee's address : 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

Email : amar.maheshwari@gmail.com

Apave Certification – 5 Rue du Général Audin 93 801 23 - 93 812 Gagny – 565 Records in 20 0015 - 143 Nations ISO 125 298 – 2015 : 500 230 396 0009 – 495 - 11038
Apave Certification est une marque déposée – Apave Certification – le respect nous inspire

AC-DOP-022-03

Summary

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Presentation.....	2
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Background.....	5
Closing meeting.....	8
Appendices.....	10

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AC-003-03-18

Organization reference: 932532-13498

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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 auditedProviding 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

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, Bio-medical waste, Oily rags and ETP sludge) waste management through the outsource agencies approved by UPPCB. Air & water consent valid till 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

Type of audit: ☒ On-site audit ☐ Remote audit

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

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 UPPCB 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	§	Findings
Site-Infrastructure	ISO 14001	10.3	Increased Solar power generation area
Site - Infrastructure	ISO14001	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	Ref	§	Findings
Operations	ISO 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	§	Findings
			NIL

Background

Justification for exclusion requirements : NA

Information about the outsourced processes: Facility maintenance, Catering, Security , House Keeping

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
Evidence :

☐ yes ☐ no

Handling of client and/or interested parties claims/complaints sent to Apave Certification.

No complaint recd so far

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 indicated in the audit plan have been reached:

- ☒ yes
☐ no

Comment(s) :

Scope of certification

The scope of certification is accurate with activities and audited site(s):

- ☒ yes
☐ no

Comment(s) :

In case of remote audit

Adequacy of the tools used and audit duration: NA

- ☐ yes
☐ no

Comment(s) :

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, campus management, 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

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 : <input checked="" type="checkbox"/> Modification :
Activities to appear on the certificate / scope - in english language (if different)	
	Confirmed : <input checked="" type="checkbox"/> Modification :
Corporate name covered by the certificate	SHARDA UNIVERSITY
	Confirmed : <input checked="" type="checkbox"/> 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 : <input checked="" type="checkbox"/> Modification :

Closing meeting (2/2)

Number of deviations found :	
[0] Major Nonconformity(ies)	[0] Minor Nonconformity(ies)
Comments of audited organization	
The audit has been value adding process	
The organization representative acknowledges having read the content of the present minutes and the content of nonconformity report(s) and may mention his possible disagreement knowing that only the Certification Committee can decide a certificate is awarded or maintained or renewal or extended.	
Audited organization representative's initials : SS	
Taking into account documents presented, sites visited, and answers provided to questions asked, the auditors declare, if such is the case, that they have completed their assignment in satisfactory conditions.	
The signature of the auditors don't make members of the audit team or the employer responsible for incidents, accidents or errors made by the organization after the certificate(s) is awarded.	
Auditee(s) initial(s): Dr Amar Maheshwari 	
Date :	18/4/2023

Appendices

Principles: YES

Nonconformity report(s) : NA

Presence sheet: YES

Audit plan done: YES

Review of the duration calculation elements: YES

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-fulfilment 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-fulfilment 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 non-conformities.

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:

- 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

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.