



SHARDA
UNIVERSITY
Beyond Boundaries

FROM ALGORITHMS TO ACHIEVEMENTS

make it

happen@Sharda



SHARDA SCHOOL OF COMPUTING SCIENCE & ENGINEERING

 www.sharda.ac.in

SHARDA UNIVERSITY

ONE CAMPUS—A WORLD OF POSSIBILITIES

Since its inception in 2009, Sharda University has emerged as one of the premier centers for education, research and innovation in the Delhi NCR region. With a steadfast commitment to academic excellence, Sharda has been honored as one of South Asia's top institutions by the QS Asia University Rankings 2024. Its prestigious A+ accreditation from NAAC and a remarkable NIRF ranking of 86 in India affirm Sharda's position among the nation's elite Universities.

But Sharda is more than rankings—it's a global community. with students from over 95+ countries, Sharda fosters an inclusive, multicultural campus that goes beyond traditional learning. This vibrant community is a melting pot of cultures, ideas, and perspectives, preparing students for a future where global collaboration is a key.

Driven by the motto, *"The World is Here, Where are You?"* Sharda University invites you to join a thriving environment that celebrates diversity, nurtures curiosity, and empowers students to become leaders on the world stage. Here, students are not just educated, they are transformed!!



PRESTIGIOUS RECOGNITIONS & ACCREDITATIONS



SHARDA UNIVERSITY
NIRF RANKING 2024

86th
IN UNIVERSITY
CATEGORY

11–50th
in
INNOVATION

101–150th
in
ENGINEERING



National Ranking 2024

RESEARCH

4 | 12 | 7

OVERALL PLACEMENT RESEARCH



Times
Higher
Education

59th

WORLD UNIVERSITY
NATIONAL RANKING
2025



NATIONAL
BOARDS OF
ACCREDITATION
TIER 1

B.TECH. PROGRAMMES:

• CSE • Civil • ME • Biotech. • EEE • ECE



RANKED

#219

* SOUTH
EAST ASIA



SHARDA-IIC

is listed among top 10 Universities
FOR THE NORTH REGION (NRO)



ARIIA RANKING 2021

PROUD TO BE PLACED IN
EXCELLENT BAND



World University
Rankings 2025
Asia

401–500

ASIA RANK



SHARDA SCHOOL OF COMPUTING SCIENCE & ENGINEERING

Sharda School of Computing Science and Engineering is an open platform for diverse voices where teaching runs parallel to the real world and students are groomed to join the global workforce.

This school is distinguished as one of the top-ranked engineering schools in India.

The school stands as a pioneer in higher education, research and innovation.

School of Computing Science Engineering is envisioned to prepare competent, creative and innovative computer technocrats who would be capable of meeting the challenges in the global competitive environment.

Key Facts & Figures

Accreditations & Rankings:

- » A+ Grade by NAAC
- » Times Engineering Rank 15
- » NBA accreditation to Engineering Programmes of CSE, BT, CE, EEE, ECE & ME
- » NIRF Ranking 2024: Ranked 101-150 in Engineering Category, Ranked 11-50 in Innovation
- » QSI-Gauge Gold Rating | QS- Advanced E-Lead Certificate

Research:

- » 2000+ publications with Highest Impact Factor (42)
- » 70+ startups Incubated
- » 359 patents published
- » 35+ grant patents in different areas
- » 60+ designs grant
- » Research funding of Rs. 4 Crores (approx.) from Govt. Agencies like DST, DBT, INSA, ICMR etc.

Placements: Highest Package: 1.6Cr

Industry Academic Collaboration (MoUs):

MoUs with key industries like Aries Communications, Oracle, AWS Educate, Huawei, IBM, Tech Mahindra, Texas Instruments, Cosmo Stem Institute of Regenerative Aesthetic Medicine, ALTTC BSNL, National Institute of Hydrology Roorkee, RSPL, Advance Valves Private Limited, Voltrans Energy Private Limited, Lelogix Design.

Product designed by Students:

- » Humanoid Robot, MediBot Robot
- » An automatic sanitizer dispenser to fight against COVID 19
- » Printer: 3D Printer, Laser Engraving, Drill head
- » Divya Shakti: Electrical Vehicle for disabled and elderly people
- » Electric Sports bike (VISION), Electric hubless bike (VAAAN), Regenerative Electric vehicle (Electron V.1)
- » Hybrid Electric + Solar Vehicle, Mountain Climber Bike
- » Smart Air Purifying Droid (S.A.P.D)
- » Developed Robots named Delta 3.0. Government funded & supplied to various hospitals to help doctors during pandemic.

Students pursuing higher studies abroad:

- » Students received prestigious full Erasmus Mundus Scholarship of 49,000 Euros
- » Selected at reputed International Research Institutes/ Universities for higher studies like Max Planck Institute, LMU Munich, University of Akron, Oregon State University, Tongji University, University of Texas, University of Bristol, University of Montreal.

Events:

- » 5th Technovation Hackathon hosted: India's one of the biggest Hackathon with 2500+ National and International Students participation
- » Organized Annual IEEE & Springer International Conferences with Eminent Speakers and Exposure.

StartUp Opportunities:

- » Business Incubation Centre accredited by Ministry of MSME for Student's Live Projects.
- » Sharda University Seed Fund Grant for Student's Product and Prototype Development.

FACULTY THAT'S TRULY INSPIRING



Prof. (Dr.) Parma Nand

Dean, Professor & Pro-Vice Chancellor
Sharda School of
Computing Science & Engineering
B.Tech (IIT-D), M.Tech (IIT-D), Ph.D. (IIT-R)



Prof. (Dr.) Sudeep Varshney
Head of Computer Science & Engineering
Ph.D. (IIT Dhanbad)



Dr. Amrit Suman
Department of Computer Science & Engineering
Ph.D. (IIT Dhanbad)



Prof. (Dr.) Bhawna Mallick
Department of Computer Science & Engineering



Prof. (Dr.) Shajee Mohan B. S.
Department of Computer Science & Engineering
Ph.D.(IIT Madras)



Dr. Rani Astya
Department of Computer Science & Engineering
Ph.D. (Banasthali Vidyapit)
M.Tech. (IIT Roorkee)



Prof. (Dr.) Vasudha Arora
Department of Computer Science & Engineering



Prof. (Dr.) Sandeep Gupta
Department of Computer Science & Engineering
Ph.D. NIMS University, Jaipur



Prof. (Dr.) Anil Kumar Sagar
Department of Computer Science & Engineering
Ph.D. (Jawaharlal Nehru University)



Dr. Amit Bhola
Department of Computer Science & Engineering
Ph.D. (National Institute of Technology, Patna)



Prof. (Dr.) Jayant Shekhar
Department of Computer Science & Engineering
Ph.D. MJP University
Ruhelkhand



Dr. Subrata Sahana
Department of Computer Science & Engineering
Ph.D. (Jawaharlal Nehru University)



Prof. (Dr.) Velayudham Sathiyasuntharam
Department of Computer Science & Engineering



Prof. (Dr.) Ambuj Kumar Agarwal
Department of Computer Science & Engineering



Dr. Anubhava Srivastava
Department of Computer Science & Engineering
Ph.D. (Rajiv Gandhi Institute of Petroleum Technology)



Dr. Keshav Gupta
Department of Computer Science & Engineering
Ph.D. (Delhi Technological University)



Dr. Pushpendra Kumar Rajput
Department of Computer Science & Engineering
Ph.D. (Dr. B. R. Ambedkar NIT, Jalandhar)



Prof. (Dr.) Vishal Jain
Department of Computer Science & Engineering

FACULTY THAT'S TRULY INSPIRING



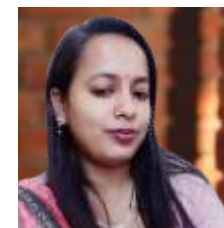
Dr. Rajneesh Kumar Singh
Associate Professor & Head
of the Department,
Computer Science &
Applications (CSA)



Prof. (Dr.) Shri Kant
Professor,
Computer Science &
Applications (CSA)



Prof. (Dr.) Anurag Rai
Professor,
Computer Science &
Applications (CSA)



Dr. Anu Bala
Assistant Professor,
Computer Science &
Applications (CSA)



Prof. (Dr.) Ajay Shriram Kushwaha
Professor,
Computer Science &
Applications (CSA)



Dr. Anand Pandey
Associate Professor,
Computer Science &
Applications (CSA)



Prof. (Dr.) Kuldeep Chouhan
Professor,
Computer Science &
Applications (CSA)



Prof. (Dr.) Khushboo Tripathi
Professor, Computer
Science & Applications
(CSA)



Dr. Pardeep Kumar Mishra
Assistant Professor,
Computer Science &
Applications (CSA)



Prof. (Dr.) Shiv Kumar Verma
Computer Science &
Applications (CSA)



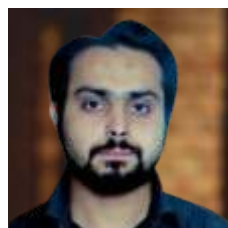
Prof. (Dr.) Sanju Tiwari
Professor,
Computer Science &
Applications (CSA)



Dr. Samta Rani
Assistant Professor,
Computer Science &
Applications (CSA)



Prof. (Dr.) Swati sah
Professor,
Computer Science &
Applications (CSA)



Dr. Mohd. Shaliyar
Assistant Professor,
Computer Science &
Applications (CSA)



Dr. Sharik Ahmad
Assistant Professor,
Computer Science &
Applications (CSA)



Prof. (Dr.) Sudhir Kumar Sharma
Professor, Computer
Science & Applications
(CSA)



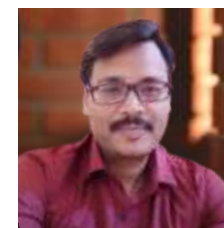
Dr. Syed Arshad Ali
Assistant Professor,
Computer Science &
Applications (CSA)



Dr. Mohd. Tajammul
Assistant Professor,
Computer Science &
Applications (CSA)



Mr. Tarun Kumar Sharma
Professor of Practice,
Computer Science &
Applications (CSA)



Prof. (Dr.) Yogesh Singh Rathore
Professor,
Computer Science &
Applications (CSA)

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

- **B.Tech. Computer Science & Engineering**
 - Block Chain Technology
 - Augmented and Virtual Reality
 - Artificial Intelligence & Machine Learning
 - Artificial Intelligence & Data Science
 - Human Computer Interaction
 - Health Informatics
 - Artificial Intelligence for IoT Applications in association with **Aeris Communications**
 - Cyber Security & Forensics in association with **EC Council**
 - Cloud Technology and Virtualization in association with **AWS**
 - AI Enabled **Fintech**
 - Data Science & Analytics in association with **Oracle**
 - Full Stack Development in association with **Xebia Academic Alliance**
- **M.Tech. - Computer Science & Engineering (Working Professional)**
 - Networking & Cyber Security • Software Engineering • Data Science
- **Ph.D Computer Science & Engineering**

DEPARTMENT OF COMPUTER SCIENCE & APPLICATIONS

- **Bachelor of Computer Applications (BCA)**
 - Artificial Intelligence and Machine Learning
 - Cloud Computing and IoT
 - Cyber Security
- **B.Sc. - Computer Science**
 - Artificial Intelligence and Machine Learning
 - Cyber Security • Cloud Computing and IoT
- **B.Sc. Information Technology**
- **B.Tech. Information Technology**
- **Master of Computer Applications (MCA)**
 - Artificial Intelligence & Machine Learning
- **M.Sc. (Computer Science)**
 - Artificial Intelligence & Machine Learning
- **Ph.D. (Computer Science & Applications)**

PROGRAMMES OFFERED





COMPUTER SCIENCE & ENGINEERING

The Department of Computer Science & Engineering is envisioned to produce competent, creative and innovative Computer professionals capable of meeting up the challenges of ever growing industry.

Milestones:

- Introduced a new academic procedure to bridge industry- academic gap using CAMPUS CONNECT programmes.
- Industrial partnership towards application development in the area of SMART TECHNOLOGIES.
- Qualified and skilled faculty with specialization in distinctive fields exploring and extending contributions to various parts of the world.
- Exploring new endeavors in the area of Cyber Security at under- graduation, post-graduation and doctoral levels.
- Students are critically involved in industry collaborated projects at various levels

Research Projects:

- Smart Dustbin
- AI based Soil Monitoring System
- Smart Parking and street lighting projects with ST Micro-electronics.
- MSME sponsored project "Development of Intelligent System as Graphology Expert"
- Drone based Surveillance
- Delta 3.0 Robot

Industry Partners Programme:

- Xebia Academic Alliance
- ORACLE
- EC Council
- AERIS Communications
- Fintech
- Cloud Technology & Virtualization (AWS)

Infrastructure and Facilities:

- Quantified labs to handle large student load.
- Vast software base for visualization and skill enhancement of conceptual knowledge.
- Ambient environments for classes and lab facilities.
- Student consultation and support services for nurturing young minds.
- Skill exploration and enhancement with collaboration of other departments and schools.

Student Chapter:

- CSI-Computer Society of India
- IEEE-Students Chapter

Products Developed by Students:

- UVC Disinfection Robot
- Autonomous Humanoid Robot
- MediBot Robot for delivering medical essentials in COVID wards
- Delta 3.0 for Automatic dispensing of medicines and sanitizers
- Trinter, Brain Control Drone, AntiTheft Alarm
- Trash Splitter Absolute Zero System
- 2Wheeler Micro Mobility Electric Vehicle
- Smart Indoor AQI prototypes for GNIDA

Top Recruiters:



Benefits:

- **High Demand & Career Opportunities:** Blockchain technology is one of the fastest-growing fields, with increasing job opportunities in industries like finance, healthcare, supply chain, cybersecurity, and government sectors.
- **Integration with AI & IoT:** Students learn how blockchain can be combined with Artificial Intelligence (AI) and the Internet of Things (IoT) to create secure and intelligent systems.
- **Industry-Relevant Skills:** Gain expertise in machine learning algorithms, deep learning, natural language processing, and AI-powered solutions.
- **AI & ML Certifications:** Opportunity to earn globally recognized AI and ML certifications, enhancing career opportunities.
- **High Career Demand:** With the exponential growth of data and AI technologies, there's a soaring demand for skilled professionals in AI and Data Science across various industries like healthcare, finance, e-commerce, and robotics.
- **Innovation & Automation:** AI enables automation of repetitive tasks, enhances productivity, and opens doors to innovation in fields like smart assistants, self-driving cars, and personalized recommendations.
- **Empathetic Design Thinking:** Understand user behavior, cognitive science, and emotional UX.
- **Personalized Tech for all:** Learn to build inclusive, adaptive, and accessible interfaces that serve diverse populations.

- **Industry-Relevant Curriculum:** Developed with industry experts to match current trends and technologies.
- **Hands-on Learning:** Practical projects, workshops, and case studies provide real-world experience.
- **Career Guidance:** Resume building workshops and interview preparation.
- **Expert Faculty:** Learn from seasoned professionals offering mentorship and practical insights.

Artificial Intelligence (AI)

- Introduction to AI • Machine Learning (ML) and Deep Learning
- Computer Vision • Natural Language Processing (NLP) • AI Ethics & Responsible AI

Internet of Things (IoT)

- Embedded Systems • IoT Architecture & Components
- Cloud Computing for IoT • Sensor Networks • IoT Security

Data Science & Analytics

- Data Preprocessing • Big Data Technologies • Predictive Analytics
- Data Visualization Techniques

Robotics & Automation

- Autonomous Systems • Robotics Process Automation
- Intelligent Automation in IoT

Smart Systems and Devices

- Smart Home Technologies • Industrial IoT (IIoT) • Smart Healthcare Solutions
- Wearables and IoT-Enabled Devices

Key areas of Scope:

- **Blockchain Developer:** Designs and implements blockchain-based applications and smart contracts.
- **Smart Contract Developer:** Writes, tests, and deploys smart contracts on platforms like Ethereum, Hyperledger, and Solana.
- **Deep Learning & Computer Vision:** Advanced AI models empower applications like facial recognition, autonomous systems, and medical diagnostics, driving innovation across industries.
- **AI Ethics & Responsible AI Development:** As AI adoption grows, understanding ethical considerations, bias mitigation, and transparency in AI systems becomes essential.
- **Career Opportunities:** Graduates can pursue high-demand roles such as Data Scientist, AI/ML Engineer, Business Intelligence Analyst, Data Engineer, NLP Engineer, and Research Scientist.
- **Entrepreneurship and Startups:** With the ability to harness data and build intelligent systems, graduates are well-positioned to create innovative startups in sectors like health tech, fintech, edtech, and more.
- Design interactive systems with intuitive UX.
- Build immersive environments using AR/VR frameworks.
- Apply AI/ML to understand and predict user behavior.
- Growing Demand for AI & IoT Professionals
- High Salary and Career Growth Potential
- Emerging and Evolving Fields
- Impactful and Rewarding Career

Career Opportunities:

- Blockchain Developer/Architect/Project Manager/Security Engineer/Consultant/Researcher/Auditor • Supply Chain Blockchain Specialist
- Smart Contract Developer • AI/ML Engineer • AI Ethics Consultant
- Machine Learning Researcher • Smart City Engineer • Technical Architect
- Natural Language Processing (NLP) Specialist/Engineer
- Data Scientist/Analyst • Computer Vision Engineer • Robotics Engineer
- Big Data Engineer • Computer Vision Engineer
- Artificial Intelligence Engineer • AI Research Scientist • UX/UI Designer
- Embedded Systems Engineer • AR/VR Interface Developer
- HCI Researcher & Usability Expert/Product Designer • AI Interaction Designer
- Accessibility Technology Consultant • IoT Solutions Architect/Developer
- Game Interface Developer • Brain-Computer Interaction Engineer

Programmes Offered:

B.Tech. Computer Science & Engineering

- Block Chain Technology
- Augmented and Virtual Reality
- Artificial Intelligence & Machine Learning
- Artificial Intelligence & Data Science
- Artificial Intelligence for IoT Applications in asso. with **Aeris Communications**
- Cyber Security & Forensics in association with **EC Council**
- Cloud Technology and Virtualization in association with **AWS**
- Data Science & Analytics in association with **Oracle**
- Full Stack Development in association with **Xebia Academic Alliance**
- Health Informatics
- Human Computer Interaction
- AI Enabled **Fintech**





M.TECH IN COMPUTER SCIENCE & ENGINEERING

SPECIALIZATIONS IN • SOFTWARE ENGINEERING • DATA SCIENCE • NETWORKING & CYBER SECURITY

Program Overview:

The M.Tech in Computer Science & Engineering (CSE) program at Sharda University is research-driven and industry-aligned, designed to equip students with advanced problem-solving skills in three specializations:

Software Engineering

- Agile Development & DevOps
- Software Testing & Quality Assurance
- Cloud Computing & Microservices
- Full-Stack & Mobile App Development

Data Science

- Machine Learning & Deep Learning
- Data Visualization & Business Intelligence
- Big Data Analytics & AI Applications
- Natural Language Processing & Predictive Modeling

Networking & Cyber Security

- Advanced Network Architectures
- Cryptography & Blockchain Security
- Ethical Hacking & Digital Forensics
- Cloud Security & IoT Threat Management

Key areas of Scope:

- **Software Engineering:** Agile methodologies, cloud computing, software architecture.
- **Data Science:** Machine learning, big data analytics, AI-powered applications.
- **Networking and Cyber Security:** Cryptography, ethical hacking, network defense strategies.

The department has strong industry collaborations with AWS, Microsoft, Oracle, IBM, Google, and many more. Students benefit from global research exposure, participation in international conferences, and state-of-the-art labs.

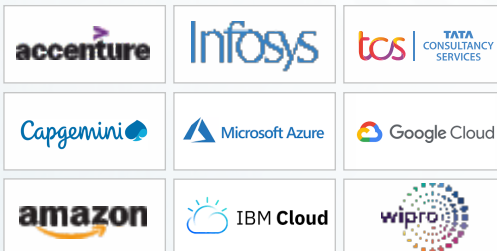
Program Benefits:

- **Industry-Aligned Curriculum:** Designed with leading IT firms.
- **Hands-on Training & Certifications:** AWS, Google Cloud, and Microsoft certifications.
- **Internships & Placement Support:** Strong partnerships with top recruiters.
- **State-of-the-Art Labs:** Cloud Computing, Cyber Security, AI & Data Science Labs.
- **Capstone Projects & Research:** Work on real-world problems and publish research papers.

Career Opportunities:

- Software Architect/ Full-Stack Developer
- Cyber Security Analyst/ Ethical Hacker
- Academician/ Research Scientist
- Data Scientist/AI Engineer
- Cloud Security Consultant / Network Engineer

Top Recruiters:





Top Recruiters:

COMPUTER SCIENCE APPLICATIONS

In the current digital landscape, computers have seamlessly integrated into the fabric of our daily lives and the operational frameworks of businesses, spanning diverse scales. From modest enterprises to multinational corporations, the significant influence of technology has witnessed in an era where computer applications are indispensable. This omnipresence extends to critical business functions encompassing banking, finance, team communication and management, data storage, and business automation. The advent of technology has propelled computers into pivotal roles, handling tasks such as payroll calculations, budgeting, sales forecasting and analysis, financial scrutiny, employee database management, and stock maintenance. Considering the burgeoning Information Technology (IT) industry, the demand for experts proficient in computer applications is palpable both domestically in India and on the global stage. The government's ambition of digitalization initiatives further underscores the escalating importance of individuals skilled in this domain. This growing demand positions professionals in the field to command competitive salaries. Recent graduates in computer applications are finding themselves in diverse roles such as Graphics Designers, Digital Marketers, Software Developers, Technical Writers, and more.

The Department of Computer Science & Application stands as a pioneer in higher education, research, and innovation within key realms of computer science and application. The mission of the department is to foster excellence in the realm of computer science and application through the impartation of higher education and cutting-edge research. The department boasts an accomplished faculty with a stellar academic track record and proficiency in cutting-edge technologies. The faculty members bring diverse specializations to the fore, ensuring the fulfilment of teaching and research needs.

The commitment is to install a spirit of ingenuity, innovativeness, and technical competence in our students through rigorous competition and consistent guidance. Additionally, the department caters to regional needs by organizing programs for teaching and research communities. Beyond the regular curriculum, the department hosts workshops, technical seminars, faculty development programs (FDP), short-term training programs (STTP), and conferences, exposing students to real-world problems aligning with industrial and societal needs.

A testament to the success of the department is the fact that many of the alumni are now thriving in esteemed companies such as IBM, American Express Bank, Wipro, Infosys, Samsung, Microsoft, GlobalLogic, CISCO, and HCL, both in India and abroad.

Career Opportunities:

- Computer Programmer • App Developer • Software Developer • Web Designer • Database Administrator
- System Administrator • Software Consultant • Technical Writer • System Analyst • Ethical Hacker

Programmes Offered:

Bachelor of Computer Applications (BCA)

- Artificial Intelligence and Machine Learning • Cloud Computing and IoT • Cyber Security

B.Sc. - Computer Science

- Artificial Intelligence and Machine Learning • Cyber Security • Cloud Computing and IoT

B.Sc. Information Technology

B.Tech. Information Technology

Master of Computer Applications (MCA): • Artificial Intelligence & Machine Learning

M.Sc. (Computer Science): • Artificial Intelligence & Machine Learning

Ph.D. (Computer Science & Applications)

SHARDA LAUNCHPAD FEDERATION

Supporting Entrepreneurs

Sharda Launchpad Federation, a sec 8 entity established in year 2013 promoted by Sharda University aims to support the shared vision of Government of India and University towards building a bit more vibrant culture of innovation and entrepreneurship for campus, city and nation. With a house of thousands of learners, researchers, academicians and practitioners of several disciplines of learning, Sharda Launchpad Federation as a dedicated professional platform enables potential individuals, teams and early stage start-ups to access need based resources, domain expertise, Technology and business mentorship, vast entrepreneurial stakeholders network and a dynamic ecosystem to advance the entrepreneurial journey and build scalable market ready sustainable ventures of future.

SLPF as an entrepreneurial ecosystem is a dedicated facility with approx. 7000 sq.ft of area, contemporary working space with necessary technology infrastructure led by a dedicated full time leadership team to consistently advance the purpose of the incubator and design platforms to encourage, mentor and support promising ideas/early stage start-ups. The incubator as an entrepreneurial ecosystem, is working towards expanding to sector agonistic support system though prime focus areas of start up support are-Agriculture, Healthcare, Drones, EV's, Block Chain, IoT Application and SDG aligned innovations.

Ecosystem partners and associates

The incubator is widely connected to vast pool of internal and external ecosystems, organisations, Experts, Mentors, Investors and Funds to accelerate the start-up success.

Ecosystem Partners:



Learn more about current projects, stakeholders and programmes at <https://launchpad.sharda.ac.in/events-list>



An Early Stage Incubator and Entrepreneurial Ecosystem

EVENTS

During Academic Year 2024-25



► **Techfusion:**
A Code-A-Thon
Success Story



► **BrainWave:**
The Ideathon
Competition



► **Talkathon:**
A Remarkable
Tech Talk Show



► **Technovation
Hackathon**

SHARDA UNIVERSITY SEED FUND GRANT

for student's product /prototype development

STUDENTS HAVE DESIGNED:

- » Divya Shakti: Electrical Vehicle for disabled and elderly people
- » Electric Sports bike (VISION); Electric hub less bike (VAAAN)
- » Dog-bot for surveillance across varied terrains
- » India's first 3D printed WALL-E: a home surveillance robot
- » Hybrid Electric+Solar Vehicle
- » Mountain Climber Bike
- » Ambu Vent- A low cost mechanical ventilator
- » An automatic sanitizer dispenser to fight against COVID 19
- » Smart Air Purifying Droid (S.A.P.D)
- » UVC BOX which is capable of killing COVID 19 virus by using UVC germicidal lamp
- » Commercial Air Purifying Tower Named 'Atom' to Fight Against Covid 19

SHARDA SKILLS - ENHANCING COMPETENCIES TO EXCEL

Sharda Skills imparts life skills to students and professionals in problem solving, multitasking, crisis management, team skills, communication skills and personality development etc. Sharda Skills also imparts specific skills which can be pursued either as a hobby or for employment, business, and entrepreneurial reasons. Sharda Skills also provides coaching and mentoring to students who want to prepare for various competitive exams like UPSC, CAT, GRE, GMAT, SSC, IBPS etc within the campus after University hours.



Students of Sharda University Receive Highest **Grant of 15 Lacs by MSME** for developing a heat alert device for electric vehicle's batteries

After seeing various incidents of sudden fire in electric cars & bikes, engineering students at Sharda University have developed a heat alert device for the vehicle's battery. Two students studying in their fourth year of B.Tech, Sudhanshu Sharma and Pranjal Kumar have developed a smart battery management system integrated with the CAN Bus interface in which the driver will get an alert before fire starts. The device was presented at the Ideation Hackathon, organized by the Ministry of Micro, Small, and Medium Enterprises. The project received the highest grant of 15 Lakh in the MSME innovative scheme which was announced by Shri Narendra Modi, Hon'ble Prime Minister of India on the occasion of International MSME Day at Vigyan Bhawan.



**Mr. Pranjal
Kumar**

**Mr. Sudhanshu
Sharma**



STUDENT PROJECTS

At Sharda, Engineering students get ample opportunity to apply their technical knowledge on projects throughout the duration of the programme. Students get to practise real engineering through project-based learning, project to product development, providing them with a concrete foundation of both theory and hands-on experience.



▶ **Mr. Dermite Fabrice, Mr. Adhiraj Chauhan, Ms. Nishi Kumari** are working on Drone for Green Belt Monitoring



▶ **Mr. Nishant Sharma** developed UVC Disinfection Robot



▶ **365 BMW Twin Power Turbo** In-Line 4 Cylinder Diesel Engine designed by students



▶ **Students designed Divya Shakti Scooter** for physically disabled persons



▶ **Mr. Nishant Sharma** from CSE has created a robot named **Delta 3.0** for automatic dispensing of medicines and sanitizers

STUDENTS ENGINEERING PRODUCT Innovations

CREATOR OF SMART AIR PURIFYING DROID/AUTOMATIC SANITISER DISPENSER/SMART UVC BOX (capable of Killing COVID-19 virus)

Mr. Sudhanshu Sharma, has won first prize in Technovation Hackathon 2. His project was based on 'Smart City & Governance' (Smart Healthcare) and the title of the project was "Smart Air Purifying Droid (S.A.P.D)". The purifier can move on its own while purifying the air with the help of HEPA filters and activated carbon filters substituted with UV lamp.



INDIA'S FIRST 3D PRINTED HOME SURVEILLANCE ROBOT

Mr. Vasu Dev, has developed India's first 3D printed home surveillance robot inspired by the movie WALL-E. Mr. Vasudev alongwith his team members participated in Technoxician, World Robotics Championship.



DRONE FOR GREATER NOIDA AUTHORITY

Mr. Manthan Gandhi has developed a fully autonomous drone for Greater Noida Authority. GNIDA had requested for a drone which can do surveillance of the green belt of GNIDA and has a range of 15km with more flight time.



Department collaborated with Department of Design has completed five Automotive and two Robotics projects



ELECTRIC TWO WHEELER VEHICLE

Students have featured in the Cover Page of India Today Magazine for their innovative design Smart Electric Two Wheeler Vehicle. Students showcased their talent in Auto Expo, 2024 by designing an Electric Hybrid Two Wheeler Vehicle. The design and the model attracted lot of attention and appreciation from the visiting peers of Automotive Industry as well as all other visitors.



ADVANCED RESEARCH FACILITIES

- Centre for Artificial Intelligence in Medicine & Imaging Forensics
- Augmented Reality/Virtual Reality Lab
- Internet of Things & Super Computer Lab
- Cyber Security/Big Data Analytics Lab
- Android Application Development Lab
- Data Structure and Analysis of Algorithm Lab
- Cloud Computing/Database Management Lab
- OOPs Lab using Java/Python Programming Lab
- Problem Solving Using C Programming Lab
- Unix Shell Programming Lab



FACULTY RESEARCH EXPERTISE

- **Artificial Intelligence & Machine Learning:** Deep Learning, Natural Language Processing, Computer Vision, AI-driven Applications
- **Data Science & Big Data Analytics:** Predictive Analytics, Data Mining, Business Intelligence, IoT Data Processing
- **Cyber Security & Block Chain:** Cryptography, Network Security, Ethical Hacking, Decentralized Systems
- **Cloud Computing & Distributed Systems:** Edge Computing, Virtualization, High-Performance Computing
- **Software Engineering and Development:** Agile Methodologies, DevOps, Full-Stack Development
- **Internet of Things (IoT) & Embedded Systems:** Smart Devices, Wireless Sensor Networks, Automation
- **Human-Computer Interaction (HCI) & UI/UX Design:** User Experience Research, Virtual/Augmented Reality
- **Robotics & Automation:** Autonomous Systems, AI-driven Robotics, Industrial Automation
- **Quantum Computing & Emerging Technologies:** Quantum Algorithms, Next-Generation Computing



TECHNOVATION HACKATHON, 2025



ALUMNI WHO INSPIRE



Nilisha Pokhrel
Laronde, USA
1.15 CR

laronde



Aditya Singh
Dominus Labs, USA
51 LPA



R.K. Polishetty
Vaco, USA
1 Cr. PA



Prof. Diwakar Vaish
Entrepreneur
Founder

AgVa Healthcare



Subhasmita Swain
CIVO Ltd., UK
\$50,000 PA



Khushi Kapoor
Microsoft
48 LPA



Vedangi Agarwal
Amazon
35 LPA



RISE★RS OF SHARDA



Krish Soni
B.Tech. CSE

Product Based Company
(Romania)
32 LPA



Vinay Chaudhary
B.Tech. CSE

30 LPA



Ashutosh Srivastava
B.Tech. CSE

18 LPA



Tushita Bishnoi
B.Tech. CSE

10 LPA



Bittu Kumar
BCA

8.5 LPA



Faizaan Saifi
MCA



Pratulya Sharma
BCA



Rohit Yadav
B.Tech. CSE



Sarthak Singh

B.Tech.-CSE
Silicon Valley
Startup, U.S.

1.6 CR.



Neha Airan
MCA



Mohit Sharma
B.Tech. CSE



Paritosh Thakur
B.Tech. CSE



Abhi Akshat



Three Meadows Software
B.Tech. CSE (Students)

8.5 LPA

Divyank
Lokesh Mishra
Neha Sharma
Mohit Saraswat
Sunny Chaudhary



Pranjal



Software Developers
B.Tech. CSE (Students)

7.68 LPA

Aqdas Zishan
Aman Verma
Shubhangi Singh
Aryan Dixit
Deepti Rajput



HCL Tech
BCA (Students)

Akshita Rastogi
Aastha Sharma
Abhigyan Sharma
Manthaj Jaiswal
Gurnoor Khurana



Muskan Gupta

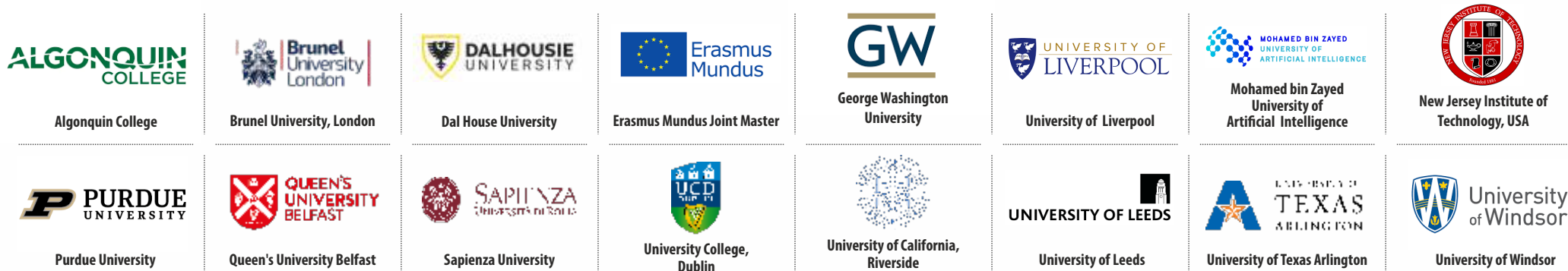
GLOBAL COLLABORATIONS & MoU



Memorandum of Understanding (MoU) Signed

- Aries Communication India Private Limited, Noida
- Hakate Technologies Private Limited, Hyderabad
- MIDAS School of Entrepreneurship, Pune
- Neuphony Pankhtec India Pvt Ltd., Delhi
- Amphisoft Technologies Private Ltd., Greater Noida
- Aviocian Technologies Private Ltd., New Delhi
- CodeTantra Tech Solution Private Limited, Hyderabad
- EZ Training and Technologies Private Ltd., Hyderabad
- Navriti Technologies Private Limited, Bangalore
- Lowa State University of Science and Technology, USA
- The Trustees of Indiana University, USA
- Soebit BV pvt Ltd Bikkerspolder 23, Utrecht Netherlands, UK
- Innodesk Designovation Services, Ahmedabad India
- Astana IT University LLP, located at Mangilik Yel av. 55/11, Astana, 010000, Kazakhstan
- GULF University, Bahrain, UK

GLOBALED VISIBILITY OF ALUMNI



PLACEMENT PARTNERS



THE LARGEST INTEGRATED HEALTHCITY IN THE REGION

Sharda Care - Healthcity (A Unit of Sharda University, Sharda Hospital) is a cutting-edge, Multi-Super-Specialty Hospital delivering World-Class Medical Care. With 600+ beds and state-of-the-art facilities, we stand as a beacon of excellence in healthcare. Our commitment to innovation and Patient-Centric Care ensures that every individual receives the Highest Standards of Treatment. At Sharda Care - Healthcity, we redefine healthcare with compassion and expertise.

KEY FACILITIES & SERVICES:

- 600+ Bedded Quaternary Care Facility
- 240 ICU Beds
- Most Advanced NICU & PICU
- Cardiac Catheterization Lab Labour, Delivery & Recovery Suite (LDR)
- Largest Level 1 Emergency in the Country (in Collaboration with Sing Health Singapore)
- 125 Critical Care Beds
- 43 Operation Theatres
- 24X7 Ambulatory Services



Healthier World Together



Legacy of 18+ Years | Doctors with 40+ Years of Experience | 100000+ Surgeries | Trust of Patients from 80+ Countries

CUTTING EDGE EMERGENCY & TRAUMA CARE CENTRE

One of the nation's largest 60-bedded Emergency & Trauma Care Units, established in collaboration with SingHealth Singapore-one of the world's leading healthcare institutions.



ADVANCED & COMPREHENSIVE ONCOLOGY CARE

Medical, Surgical & Radiation Oncology, Radiotherapy, Gamma Camera, Interventional Radiology & Nuclear Medicine facilities by experienced oncologists.

NEXT GEN FACILITIES FOR HOLISTIC CARE

600+ bedded super-speciality hospital equipped with 160+ ICU beds and 24+ modular operation theatres, ensuring advanced critical care and precision in surgical procedures.

ENHANCED RADIOLOGY AND IMAGING

AI enhanced MRI, CT scans, and X-rays, enabling faster, more accurate diagnosis of complex conditions like cancer and neurological disorders.



Book your appointment today at
Sharda Care - Healthcity



73000 40000

A venture of Sharda Hospital

Building 10A, Plot No 32-34, Knowledge Park 3, Greater Noida, Uttar Pradesh 201310
Web: www.shardacare.com

REGIONAL REACH-SHARDA COUNSELLING CENTRES

AIZAWL

admission.aizawl@sharda.ac.in
+91-9311211519, +91-8826998009

ALIGARH

admission.aligarh@sharda.ac.in
+91-9411208786

BHOPAL

admission.bhopal@sharda.ac.in
+91-7428292470, +91-9205471858

CHENNAI

admission.chennai@sharda.ac.in
+91-9205471858, +91-8826998009

DEHRADUN

admission.dehradun@sharda.ac.in
+91-9205883454

DIMAPUR

admission.dimapur@sharda.ac.in
+91-8448897662, +91-8826998009

GUWAHATI

admission.guwahati@sharda.ac.in
+91-9205883450, +91-8826998009

HYDERABAD

admission.hyderabad@sharda.ac.in
+91-9205883452, +91-9205471858

IMPHAL

admission.imphal@sharda.ac.in
+91-8448897661, +91-9205883450

ITANAGAR

admission.itanagar@sharda.ac.in
+91-8448897663, +91-9205883450

KOCHI

admission.kochi@sharda.ac.in
+91-8800398726, +91-8826998009

KOLKATA

admission.kolkata@sharda.ac.in
+91-9205883455, +91-8448198392

LUCKNOW

admission.lucknow@sharda.ac.in
+91-9205883451, +91-8448198397

PATNA

admission.patna@sharda.ac.in
+91-9205883453, +91-8448198394

RANCHI

admission.ranchi@sharda.ac.in
+91-9205883459

RUDRAPUR

admission.rudrapur@sharda.ac.in
+91-8448897664

SHILLONG

admission.shillong@sharda.ac.in
+91-9311211518

SRINAGAR

admission.srinagar@sharda.ac.in
+91-8800398724, +91-8826998009

SIKKIM

admission.sikkim@sharda.ac.in
+91-9205883458, +91-8826998009

VIJAYAWADA

admission.vijayawada@sharda.ac.in
+91-9948115999





SHARDA
UNIVERSITY
Beyond Boundaries

CAMPUS: Plot No. 32, 34, Knowledge Park-III, Greater Noida (Delhi-NCR)

📞 0120-4570000 📞 0120-4060210/11 ✉️ admission@sharda.ac.in 🌐 www.sharda.ac.in



SSCSE

Follow us on Social Media platforms

📘 [ShardaUniversity](https://www.facebook.com/ShardaUniversity) ✉️ [sharda_uni](https://x.com/sharda_uni) 📷 [sharda_university](https://www.instagram.com/sharda_university) 📺 [school/sharda-university](https://www.linkedin.com/school/sharda-university) 📺 [shardauniversity](https://www.youtube.com/shardauniversity)

Disclaimer: All material in this brochure is the copyright of Sharda University. The University makes every effort to ensure that all the information contained here is accurate. The information and material contained in these pages, and the terms, conditions and descriptions therein are subject to change as the Information Brochure has been prepared well in advance. Please note the updated information available on the University Website before you make any informed decision.