

Transforming Education Transforming India

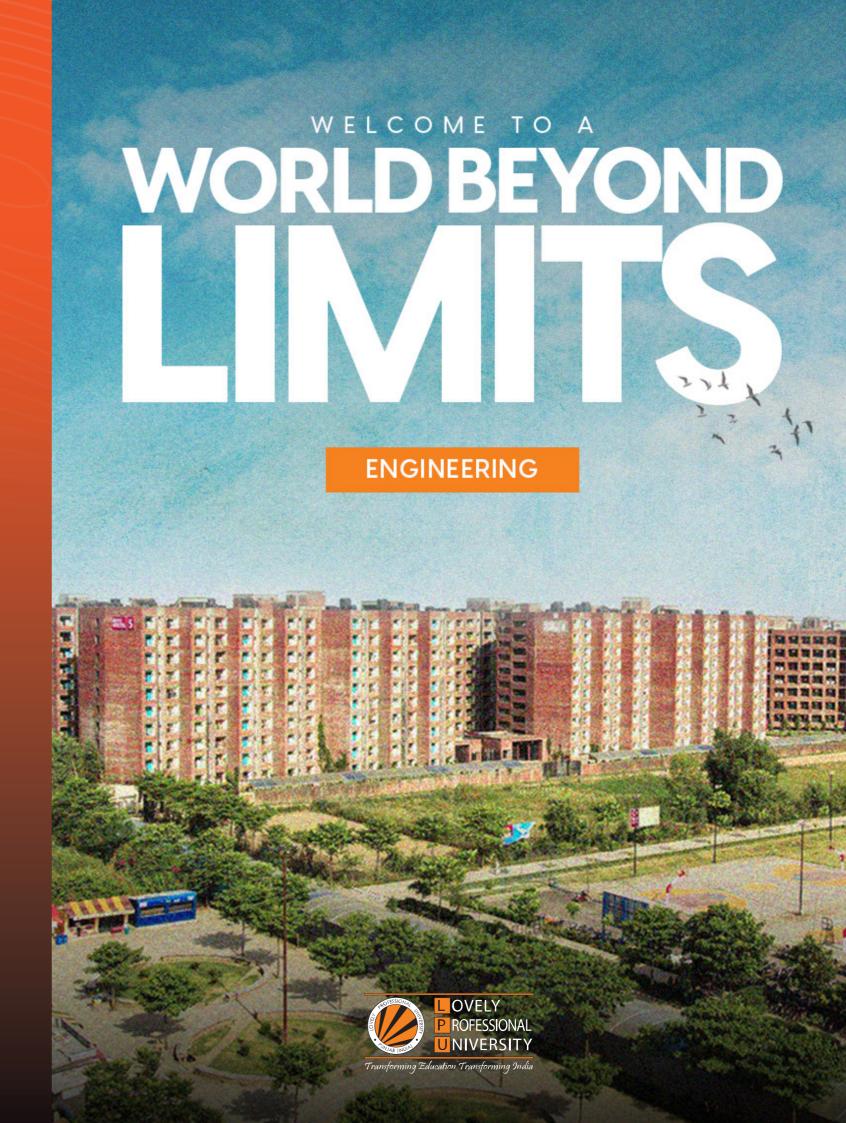


Scan QR Code

LOVELY PROFESSIONAL UNIVERSITY (LPU)

Jalandhar-Delhi, G.T. Road, Phagwara, Punjab (INDIA) -144411

admissions@lpu.co.in | Contact: O1824-4O4455



Your Engineering Journey Begins Here

Lovely Professional University (LPU) offers an unparalleled engineering experience, blending academic excellence with industry-relevant training to prepare students for a world driven by innovation and technology. With a curriculum designed to meet the demands of the future, LPU provides a unique combination of theoretical knowledge and practical skills, ensuring that students are not only well-versed in core concepts but also equipped with hands-on expertise to tackle real-world challenges.

B.Tech.

(B.Tech. Computer Science and Engineering) is

NBA Accredited















28STATES

LPU's vibrant community includes students from over **50+ COUNTRIES** and **28 INDIAN STATES**, fostering a diverse and enriching environment.

LPU ranks among the top with the highest NAAC score for dual-mode private and government universities, underscoring its commitment to excellence.



Campus of Dreams, Built for Reality

Step into LPU, where classrooms feel like future boardrooms and ideas turn into global innovations. Our state- of-the-art campus offers more than just facilities—it offers experiences that prepare you for the challenges of tomorrow.

A **6-STOREY LIBRARY** provides extensive resources and space for individual and group study, supporting both academic and **personal growth**.



24/7 Wi-Fi coverage across Asia's largest campus ensures seamless access to knowledge & collaborative opportunities everywhere on campus.

With a multi-cuisine mess and over **300 FOOD KI-OSKS**, students can enjoy diverse dining options that cater to every taste.





24,000+ students reside in the world's largest on-campus residential facilities, creating a true home away from home.

Leaders Who Shape the Future Footprints

We are privileged to host influential leaders, Nobel laureates, and global changemakers at LPU. Their visits inspire students, foster knowledge exchange, and create opportunities for transformative learning.





Global Minds Visit, Global Leaders Emerge

The halls of LPU have echoed with the voices of world leaders, Nobel Laureates, and changemakers. Hosting the 106th Indian Science Congress, inaugurated by **Prime Minister Shri Narendra Modi,** LPU has consistently attracted the world's most brilliant minds.

Hosted Nobel Laureates like Professor Avram Hersko and Professor Thomas Sudhof

President **Pranab Mukherjee** and Vice President **Venkaiah Naidu** graced our convocation ceremonies

Global summits and international conferences regularly held to foster knowledge sharing







SHOP, DINE, AND DISCOVER

The Unimall is a bustling hub on campus that caters to every need, Offering a wide range of shopping options, eateries, and essential services.



WHERE PASSION MEETS PLAY

The Shanti Devi Mittal Indoor Sports Complex is a world-class facility featuring badminton courts, squash courts, a basketball court, and more.



OLYMPIC-SIZED SWIMMING POOLS

LPU's three all-weather Olympic-sized swimming pools provide the perfect venue for swimmers to train, compete, or simply relax.



A PLAYGROUND FOR INNOVATORS

The Robo Park is a unique addition to LPU's campus, showcasing advanced robotics and interactive exhibits.



AIM FOR PERFECTION

The 25-lane shooting range is a state-of-the-art facility designed for precision and focus.



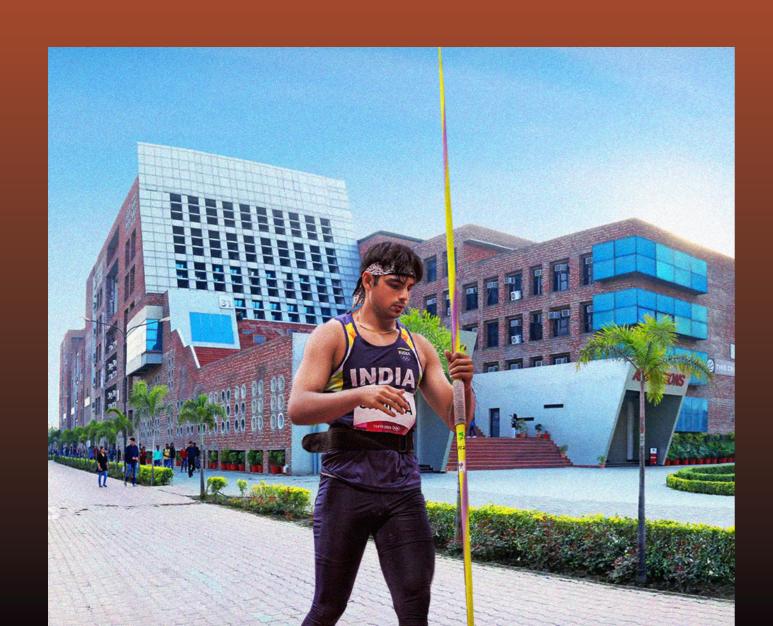
RELAXATION MEETS RECREATION

The Fun Zone is a lively space on campus where students can unwind after a busy day.

Champions On and Off the field

Where Excellence Extends Beyond the Classroom

LPU doesn't just prepare you for a career—it prepares you for life.At the Paris 2024 Olympics, 24 LPU students represented 21% of India's contingent—the second-largest globally after Stanford. Additionally, 14 Paralympians from LPU, forming 16% of India's team, competed with remarkable resilience, breaking records and inspiring others to pursue excellence.





Beyond the Finish Line: Victory in Every Moment

Unparalleled dedication and resilience defined the journey of LPU's 24 Olympians at the Paris 2024 Olympics. From breaking records to inspiring millions, these athletes embodied excellence on the world's grandest stage. Their achievements go beyond medals, symbolizing perseverance, discipline, and the courage to dream big.





































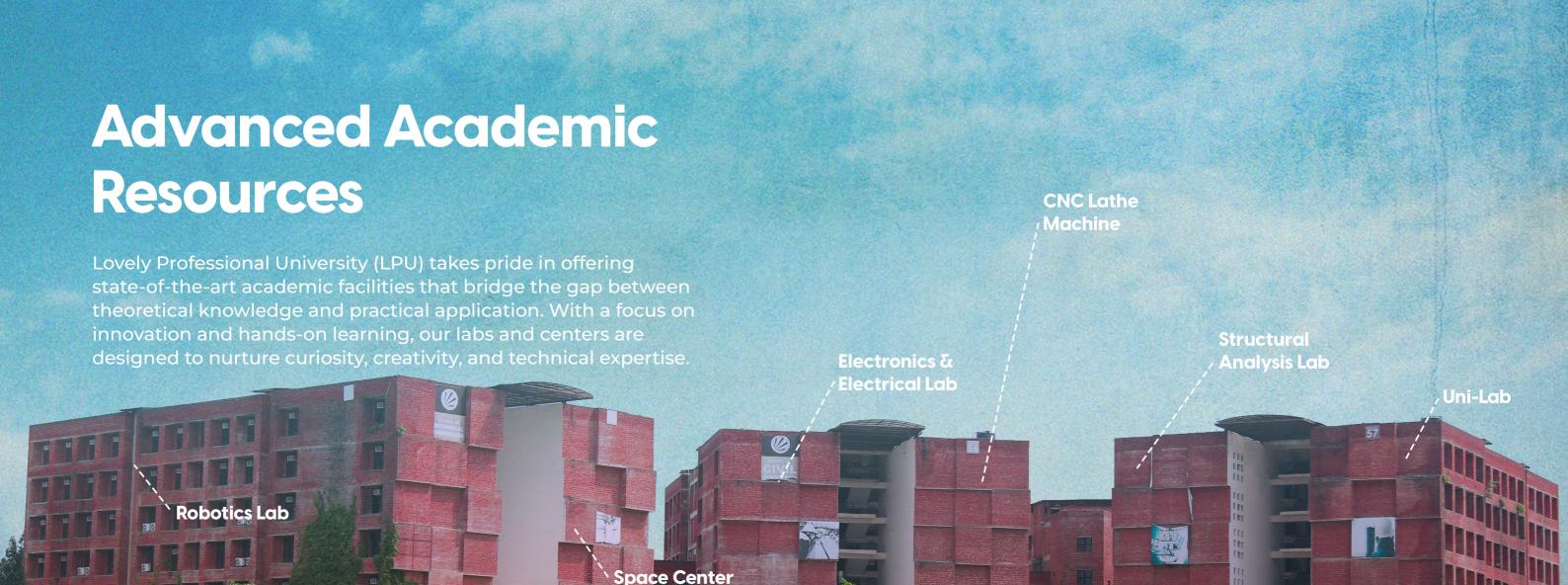














ROBOTICS LAB

Specializes in automation, sensors, & machine learning, preparing students for future careers in advanced industries.



SPACE CENTER

Focused on satellite technology and remote sensing, offering hands-on experience in space exploration.



ELECTRONICS AND ELECTRICAL LAB

Practical training in circuit design, power systems, and automation, fostering innovation in electrical engineering.



CNC LATHE MACHINE

Offers practical training in automated turning processes, focusing on accuracy and efficiency.



STRUCTURAL ANALYSIS LAB

Equips students with tools and real-time simulations to test and analyze structural integrity.



UNI-LAB

A modern facility fostering innovation with cutting-edge equipment and advanced technology.



Global Footprints, Local Roots

Shaping Engineers for a Connected World

We believe that engineering knows no borders. With over 300 partnerships with leading universities across the globe, LPU provides engineering students with international exposure that broadens their horizons. Through global collaborations, research exchanges, and internships, our students are equipped to tackle challenges on a worldwide scale.

Our Global University Partners Include



California State University, San Bernardino



Massey University (New Zealand)



RWTH AACHEN UNIVERSITY



RWTH Aachen International Academy (Germany) Swinburne University of Technology (Australia)

Dream Big, Achieve Bigger with Top Recruiters

At LPU, we believe that every dream deserves a platform to thrive and grow. Our engineering programs are designed to equip you with the skills and knowledge that global industry leaders seek. With top recruiters your journey at LPU is a gateway to unparalleled opportunities. Join a network of innovators and achievers, and step confidently into a future where your potential meets the demands of the world's biggest companies. This is where your aspirations transform into remarkable careers.

































Explore Engineering Excellence at LPU

Lovely Professional University (LPU) is a leader in engineering education, offering diverse programs that blend innovation with practical learning. From traditional fields like Mechanical and Civil Engineering to futuristic areas like Robotics, AI, and Aerospace, LPU equips students with the tools to excel. With a focus on hands-on training, cutting-edge labs, & global industry collaborations, LPU ensures every student is ready to shape the future.

Computer Science & Engineering

Mechanical Engineering (ME) Biotechnology (BT)

Electronics and Communication Engineering (ECE)

ME-Mechatronics

Food Technology

Robotics and Automation

Information Technology (IT) Automobile Engineering (AE)

Biomedical Engineering (BE) Electrical Engineering (EE) Aerospace Engineering

Chemical Engineering (CHE)

Electrical and Electronics Engineering (EEE)

Civil Engineering (CE)

What Sets Us Apart?



Contemporary Streams: Al, ML, IoT, Robotics, Cybersecurity, Aerospace & more.



Strong Industry Tie-ups: Gain mentorship and hands-on experience.



Next-Gen Labs: Cutting-edge tech & innovation-driven learning.



Global Exposure: International study programs & collaborations.



Hackathons & Competitions: In-house prep for top-tier contests.



Industry Certifications: Boost your credentials with globally recognized certifications.



Entrepreneurship Incubation: Seed funding to turn your ideas into reality.



Beyond The Numbers

Alumni Redefining Success





Abhishka Aggarwal

B.Tech. Computer Science and Engineering Leading MNC Package of 51 Lakhs



Pooja

B.Tech. Computer Science and Engineering Servicenow Package of 42.84 Lakhs



Yashasvi

B.Tech. Computer Science and Engineering MICROSOFT Package of 52.2 Lakhs



Nikhil Kumar

B.Tech. Civil Engineering

Unique Construction Company, Ludhiana Package of 6 Lakhs



Sandeep Kumar Singh

B.Tech. Civil Engineering

Company Soben
Package of 6 Lakhs



Abhinivesh G

B.Tech. Mechanical Engineering TOP Robotics MNC Package of 54.09 Lakhs



Ritesh Kumar

B.Tech. Mechanical Engineering Trident Group at the Package of 18 Lakhs



Tarun Prakash Gupta

B.Tech. Mechanical Engineering Autodesk at the Package of 13 Lakhs



Rishika Awasthi

B.Tech. Aerospace Engineering Autodesk Package of 20 Lakhs



Gurpreet Singh

M. Tech. Civil Engineering

AFCONS Infrastructure Limited Package of 6.6 Lakhs

LPU: The Gateway to Exceptional Careers

₹64 Lac

₹14.97 Lac

235O+
ELITE SALARY
OFFERS

900+

The Future is Engineered Here

Engineering programs at LPU

In a world where innovation drives progress, LPU's engineering programs are designed to equip you with the skills to shape the future.

B.Tech. (Mechanical Engineering)

B.Tech. (ME - Mechatronics)

B.Tech. (Electronics and Communication Engineering)

B.Tech. (Aerospace Engineering)

B.Tech. (Civil Engineering)

B.Tech. (Electrical Engineering)

B.Tech. (Electrical and Electronics Engineering)

B.Tech. (Robotics and Automation)

B.Tech. (Automobile Engineering)

B.Tech. (Information Technology) B.Tech. (Computer Science and Engineering) B.Tech. (Bio-Medical Engineering)

And Many More

Next-Gen Programs

Industry Tie-Up Programs

At Lovely Professional University, we don't just teach concepts—we inspire engineers who design, innovate, and lead across diverse disciplines.

B.Tech. (CSE -Generative Artificial Intelligence) tie-up with



B.Tech. (CSE -Cloud Computing) tie-up with



B.Tech. (CSE -Big Data Analytics) tie-up with



B.Tech. (CSE -Internet of Things) tie-up with

intel

B.Tech. (CSE - Software Product Engineering) In Collaboration with



B.Tech. (CSE - AI and Data Engineering) In Collaboration with



B.Tech. (CSE - Machine Intelligence and Data Analytics) In Collaboration with

::: quantiphi

B.Tech. (Hons.) (CSE- Full Stack Software Development) In Collaboration with



B.Tech. (Hons.) (CSE- Data Science and Data Engineering) In Collaboration with



B.Tech. CSE - DevOps (Software Development and IT Operations) In Collaboration with

Xebia

B.Tech. (CSE - User Experience (UX) / User Interface (UI)In Collaboration with

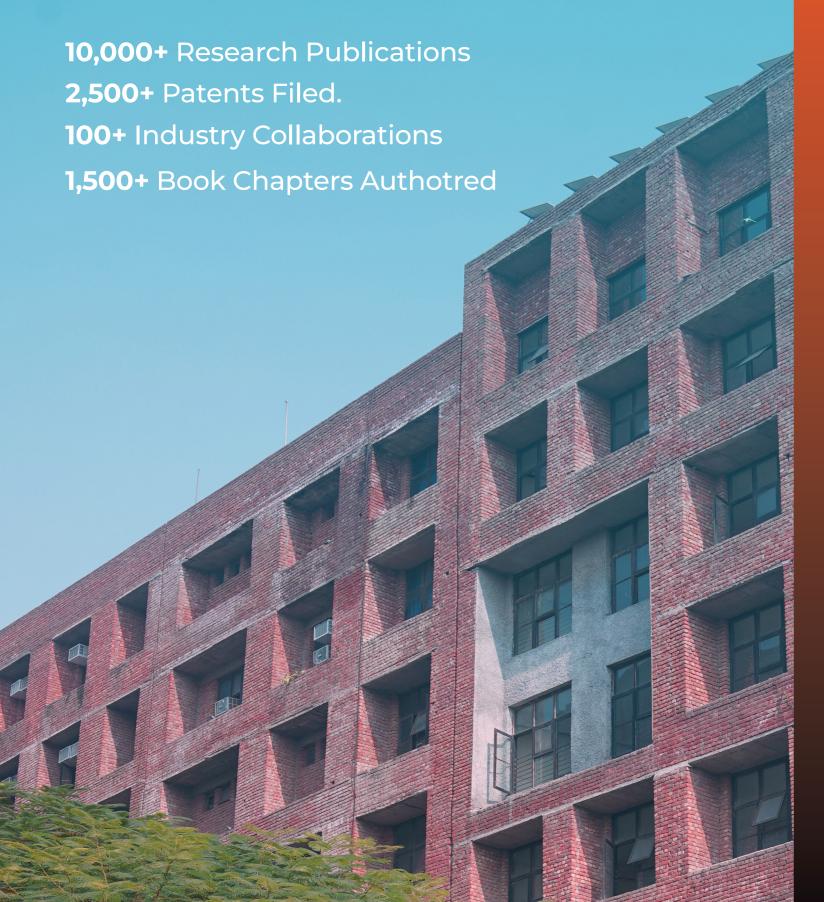


B.Tech. CSE - Data Science with ML In Collaboration with

upGrad

M. Tech. Programs Also Available in all streams

Research That Redefines Boundaries



Mentors Who Inspire Greatness

Every faculty member at LPU brings their expertise and passion to the classroom, mentoring students not only to learn but also to innovate. Their groundbreaking work offers students:



Computer Science & Engineering

Project: Dr. Arun Malik and Dr. Isha Batra has published a paper under title 'Emotion estimation model for cognitive state analysis of learners in online education using deep learning'



Electronics & Electrical Engineering

Project: A patent titled "A Novel Compact Asymmetric Irregular Hexagonal Fractal Patch Antenna" has been granted. **Dr. Gaurav Sethi**, Head of the School.



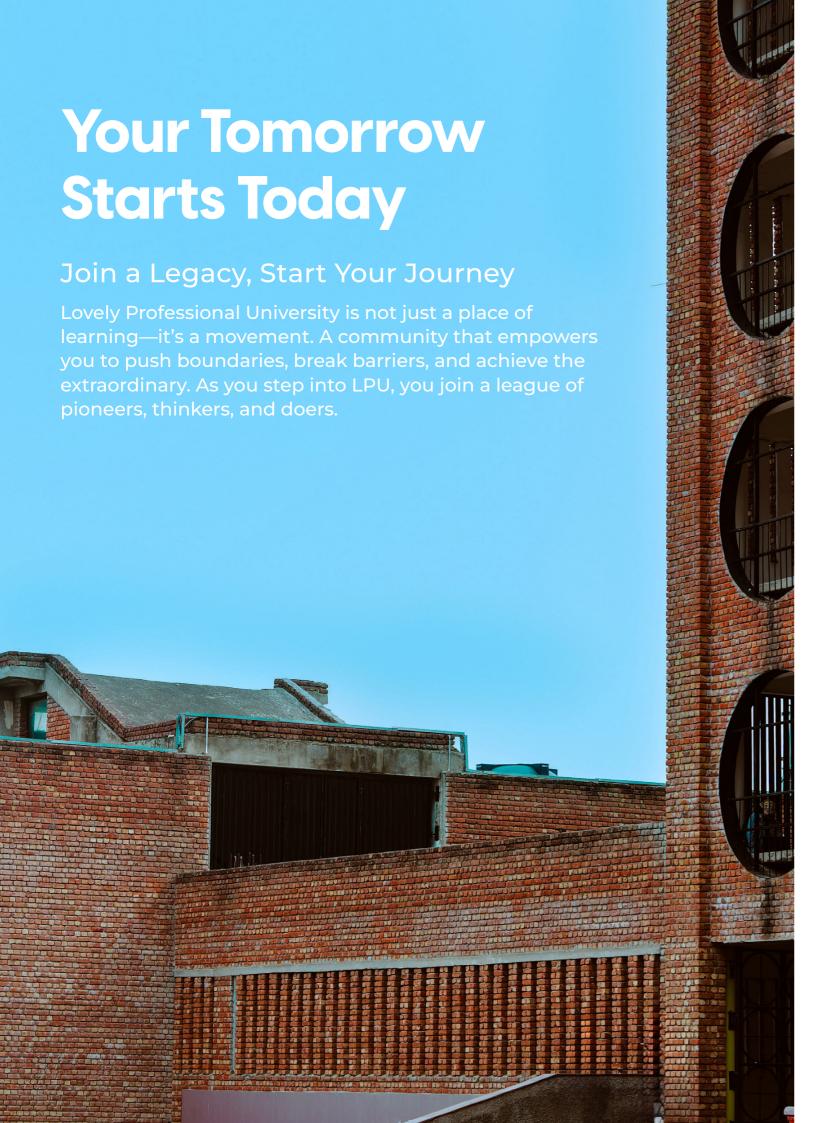
Mechanical Engineering

Project: Dr. Manpreet Singh has been awarded an impressive 19 patents for his groundbreaking work. His primary areas of research focus on green energy solutions and the optimization of muffler systems.



Civil Engineering

Project: Dr. Siddharth Garia, co-authored the article "A Comparative Study on Soil Erosion Modeling by USLE, RUSLE, and USPED" in the ISH Journal of Hydraulic Engineering.



With scholarships worth up to

₹100 Cr

SCHOLARSHIP AMOUNT DISBURSED UPTO

₹6.8 lac

PER STUDENT SCHOLARSHIP BENEFITS

70%

ENROLLED STUDENTS COVERED

42%

AVERAGE SCHOLARSHIP GRANTED

₹9.52 Lac

FOR MERITORIOUS STUDENTS AND A DYNAMIC CAMPUS BUILT FOR FUTURE LEADERS, YOUR STORY IS READY TO BEGIN.

Are you ready to turn your aspirations into achievements?







STUDY COMPUTER SCIENCE AND ENGINEERING

AT LOVELY PROFESSIONAL UNIVERSITY

University with highest NAAC Grade A++ with 3.68 score on 4 point scale



LOVELY PROFESSIONAL UNIVERSITY

Lovely Professional University (LPU) is a multi-faculty research-oriented institution with hi-tech campus offering more than 200 professional programmes. LPU campus is a complete world in itself having students from all states of India and more than 40+ countries of the world. LPU is a world class institution with internationally benchmarked curricula, innovative pedagogy focused on experiential learning, cutting edge research, 450+ foreign tie-ups, well qualified faculty with industry exposure, outstanding sports & cultural facilities, excellent residential facilities, In-campus shopping mall, hospital, banks, postal services etc. The University is ranked high on various parameters by Government Bodies and other credible organisations. LPU receives Highest Grade A++ with 3.68 score on 4 Point Scale by NAAC (National Assessment & Accreditation Council), an Autonomous Institution of the University Grants Commission (UGC), Ministry of Education, Govt. of India. The Times Higher Education World University Rankings 2025 has ranked LPU amongst Top 10 Universities in India Including all Government (even IITs & NITs), & Private Institutions, and many more.



SCHOOL OF COMPUTER SCIENCE AND ENGINEERING

School of Computer Science and Engineering is pioneer in building competencies of everchanging technologies to make the engineers of today the leaders of tomorrow. The industry - based curricula focused on innovation and research enable the students to code their way to success. With centres of excellence of Google, Microsoft, Intel, Apple iMac, Cisco, VMware, Automation Anywhere, Pega System, Honeywell and industrial tie-ups with IBM, Google Cloud, GeeksforGeeks, UpGrad, Informatica, Xebia, CompTIA, Transorg Analytics, Kalvium, Futurense, Microsoft, and many more enable students to get a hands-on experience and challenge the status quo to set new benchmarks of placements. Experienced doctoral members of faculty enable competencies to develop applications and hack success with excellence.





VISION

To be a globally recognized school through excellence in teaching, learning and research for creating Computer Science professionals, leaders and entrepreneurs of future contributing to society and industry for sustainable growth.

MISSION

- · To build computational skills through hands-on and practice based learning with measurable outcomes.
- · To establish a strong connect with industry for in-demand technology driven curriculum.
- \cdot To build the infrastructure for meaningful research around societal problems.
- To nurture future leaders through research-infused education and lifelong learning.
- · To create smart and ethical professionals and entrepreneurs who are recognized globally.

RANKINGS





Times Higher Education Impact Rankings 2024

RANKS LPU nd **IN INDIA**

AMONGST BOTH GOVERNMENT & PRIVATE UNIVERSITIES

Worldwide - 101-200 Band



Times Higher Education Ranking is the World's Most Prestigious University Ranking System

RANKS LPU IN INDIA

AMONGST TOP UNIVERSITIES OF INDIA

Worldwide - 601-800 Band



Ministry of Education, Government of India

RANKS LPU IN ENGINEERING

AMONGST BOTH GOVERNMENT AND PRIVATE UNIVERSITIES

PROGRAMMES OFFERED

Regular Programmes (4 yrs.)

B.Tech. (Computer Science and Engineering)

Specializations/ Tracks/ Minors Offered

Full Stack Web Development | Cyber Security Data Science | Machine Learning | Internet of Things UI/ UX Design | Android Application Development Game Design | DevOps | Robotic Process Automation | Software Methodologies and Testing

Work Integrated Programmes (4 yrs.)

- · B.Tech. (CSE Al and Data Engineering) in tie up with Futurense
- B.Tech. (CSE Software Production Engineering) in tie up with **Kalvium**
- · B.Tech. (CSE Machine Intelligence and Data Analytics) in tie up with **Quantiphi**

Specialized Programmes (4 yrs.)

· B.Tech. (CSE - Artificial Intelligence and Machine Learning)

International Credit Transfer Option

• B.Tech. (Computer Science and Engineering) [2+2 with International Credit Transfer Option]

Post Graduate Programme (After Graduation)

- · M.Tech. (Computer Science and Engineering)
- M.Tech. (Machine Learning and Artificial Intelligence)
- · M.Tech. (Information Security and Cyber Forensics)
- M.Tech. (Data Science and Analytics)
- M.Tech. (CSE) (By Research) [1+1 with international credit transfer option] in tie up with Southern Federal University, Russia

Hons. Programmes with Industry Collaboration (4 yrs.)

- · B.Tech. (Hons.) (CSE) Cyber Security and Block Chain) in tie up with CompTIA.
- · B.Tech. (Hons.) (CSE Data Science & Data Engineering) in tie up with RANSORG
- · B.Tech. (Hons.) (CSE Full Stack Software Development) in tie up with ∂G GeeksforGeeks

Industry Collaborative Programmes (4 yrs.)

- · B.Tech. (CSE- Generative Artificial Intelligence) in tie up with Microsoft
- B.Tech. (CSE Computer Science and Business Systems) in tie up with CS CONSULTANCY
- B.Tech. (CSE Cloud Computing) in tie with 🙆 Google Cloud
- B.Tech. (CSE Internet of Things) in tie with intel
- B.Tech. (CSE Big Data Analytics) in tie up with
- · B.Tech. (CSE DevOps (Software Development and IT Operations)) in tie up with Xebia
- B.Tech. (CSE Data Science with ML) in tie up with upGrad
- B.Tech. (CSE- User Experience (UX)/ User Interface (UI)) in tie up with [maginXP]

Doctoral Programs (After Post Graduation)

• Ph.D. (Computer Science and Engineering)

After Diploma or Certificate Programmes

- · B.Tech. (CSE Artificial Intelligence and Machine Learning) [Lateral Entry]
- · B.Tech. (Computer Science and Engineering) [Lateral Entry]
- B.Tech. (Information Technology) [Lateral Entry]

CURRICULUM INITIATIVES



TECHNOLOGY-DRIVEN CURRICULUM

LPU revolutionizes education by integrating advanced technology with content, offering an interactive learning experience. Tools like auto-graders for programming and real-world simulators provide practical, hands-on learning and global exposure.



INDUSTRY EXPERTS

Courses at LPU are delivered in a blended format with insights from industry experts. Live online and offline sessions provide the latest industry perspectives, keeping students ahead of the curve.



STUDY ABROAD & INTERNATIONAL EXPOSURE

LPU's study abroad programs offer opportunities to attend renowned global universities, providing cultural experiences and academic excellence, shaping students into globally competitive professionals.



CAREER PATHWAYS

LPU offers tailored career pathways, empowering students to chart their professional journeys. Whether in product-based, service-based, public sector jobs, or higher studies, students develop specialized skills aligned with their career aspirations.



INTERDISCIPLINARY MINORS

LPU offers interdisciplinary minors, enabling students to explore diverse intellectual interests. Elective courses foster a holistic learning approach, preparing students for future challenges.



RESEARCH OPPORTUNITIES

LPU encourages critical thinking and innovation through hands-on research experiences. Students develop frameworks, explore advanced methods, and contribute to groundbreaking innovations, preparing them for future challenges.



OUTCOME BASED

Focus on 'learning outcomes' - what you 'can do' or 'capabilities' you will develop after learning. Curriculum, teaching & learning, and assessment strategies are constructively aligned with the intended learning outcomes and reflect the achievement of higher order learning and mastery.



INDUSTRY TIE-UPS

LPU partners with leading industry players to create programs that blend academic learning with practical skills. These collaborations ensure students acquire both theoretical knowledge and practical insights, preparing them for diverse career opportunities.



SEED MONEY

LPU supports early-stage collaborations with substantial seed money. This funding fosters entrepreneurship and research, supporting initiatives from software development to entrepreneurial ventures, nurturing innovation.



MOOCS, CERTIFICATIONS, AND HACKATHONS

LPU integrates MOOCs, industry certifications, and hackathons into the curriculum, enhancing students' employability and industry recognition. Mandatory MOOCs and opportunities for certifications and hackathons prepare students for real-world challenges.



ENGINEERING MINORS

Students can choose elective courses to deepen competencies in technical or emerging domains. Minors in areas like Data Science, Machine Learning, and Cyber Security allow students to customize their degrees and shape their careers.



ENTREPRENEURSHIP INTEGRATION

Entrepreneurial assignments and projects are integrated into LPU's curriculum, encouraging students to cultivate their entrepreneurial spirit and turn passions into viable ventures, fostering a culture of innovation.

INDUSTRY COLLABORATIONS



PROMINENT RECRUITERS



LPU GRADUATE **WORKING AT A PACKAGE OF**

₹3 Crore

in Germany.

Yasir M.

B.Tech.(CSE)



Another LPU graduate secures package of

1500+ LPU students selected at packages of ₹10-₹64 LAKH#



₹64 Lakh



Arjun ₹62.72 Lakh



Abhinivesh G ₹54.9 Lakh

and many more...



Scan QR code for all details of students placed at different packages

LPU'S WORLD CLASS LABS



GOOGLE LAB



IMAC LAB



VIRTUSA LAB



NEXT-GEN LAB



BOT LAB



100+ COMPUTING LABS

VISITING EXPERTS



Vivek Sridhar Chief Technical Officer, Microsoft for Startups



Mayank Kumar Co-Founder & MD, upGrad



Peter Schalkwijk Vice President, CompTIA (APAC)



Dr. Mikhail Karyakin Director, Southern Federal University, Russia



Dr. Valliappan Raju Director of Research, Perdana University, Malaysia



Mr. Martin Quitzsch Senior International Recruitment Manager, Victoria University of Wellington, New Zealand



Prof Atit Koirala Director for Office of Strategic Alliance, Dhurakij Pundit University, Thailand



Dr. Yash Chawla Assistant Professor, Wroclaw University of Science & Technology, Poland



Robert Brannstrom Assistant Professor. Lulea University of Technology, Sweden



Girish Kumar Group President at SLK Group



Yana M. Demyanenko Associate Professor Southern Federal University, Russia



Dr. Charles R. Severance Clinical Professor. School of Information, University of Michigan

ALUMNI SUCCESS STORY



Neha Mahajan B.Tech. CSE (2005-2009) Software Engineer. Facebook, USA

At LPU, I witnessed the peak of our expertise and competence. The wealth of knowledge of the faculty and their supportive nature, along with world-class infrastructure, created an inspiring ecosystem. This environment motivated us to broaden our knowledge and reach new heights throughout our academic journey.



Sukhdeep Saini B-Tech(CSE)(2006-10) Tools & Automation Engineering Manager, Apple

During my four years at LPU, I experienced a complete transformation. I gained professionalism, built strong work ethics, ingrained essential life skills, and formed lifelong friendships. LPU took care of every aspect of my development, shaping me into the professional I am today.



Anirudh Sharma B.Tech(CSE) (2016-20) Founder & CEO @ Digantara

Anirudh Sharma turned his passion for technology into an inspiring journey. Graduating with an Engineering degree, he gained experience in software development. He founded Digantara to tackle global challenges, making a significant impact. Today, he inspires future innovators as its CEO.



Bhanu Pratap Singh Dadwal B.Tech. (CSE) (2008-2012) Major, Indian Army

LPU provides an environment of discipline and motivation for all students. This culture has helped me develop in the most effective way possible. Today, I proudly serve as a Major in the Indian Army, which stands as a testament to the impact LPU has had on my life.



Tanya Arora B.Tech. (CSE) (2016-2020) Software Engineer, Uber

As a former Microsoft employee, Tanya Arora now thrives as a Software Engineer II at Uber. Her exceptional skills and dedication have propelled her to the forefront of the tech industry, showcasing the high standards and transformative education provided by LPU.



Surva Teja B.Tech. (CSE) (2017-2021) Quality Engineer, Google

Surya Teja, a dedicated alumnus, has risen to the position of Quality Engineer at Google. Leveraging his education and skills, he ensures top-notch standards in the tech industry. His journey exemplifies the transformative power of education in shaping successful careers at leading companies.



Jalandhar-Delhi, G.T. Road, Phagwara, Punjab (INDIA) -144411 Contact: 01824-404455 admissions@lpu.co.in | www.lpu.in









