



INSTITUTE OF ENGINEERING AND TECHNOLOGY

AN INITIATIVE OF THE JK ORGANISATION





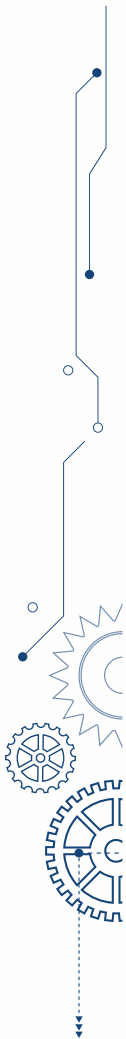
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INSTITUTE OF ENGINEERING AND TECHNOLOGY

The Institute of Engineering and Technology (IET) at JK Lakshmipat University, Jaipur (JKLU) stands out for its unwavering dedication for delivering top-tier engineering education that transcends traditional boundaries. Offering state-of-the-art programs with a diverse array of career oriented specializations and minors bolstered by a faculty of renowned scholars and a student-centric ethos, IET fosters an environment conducive to learning. Boasting cutting-edge laboratories, robust academic partnerships, and resource hubs, the institute provides abundant avenues for students to immerse themselves in the latest advancements in the fields such as AI, ML, Robotics, IoT, and Data Science.

The Institute of Engineering and Technology (IET) offers a comprehensive undergraduate B.Tech program in three distinct disciplines: Computer Science and Engineering, Computer Science and Artificial Intelligence, and Computer and Communication Engineering. It also provides an advanced postgraduate M.Tech program in Computer Science and Engineering. The B.Tech program equips students with diverse opportunities for semester exchanges at prestigious IITs, IIITs, and other leading global institutions, enriching their academic and cultural exposure.

Equipped with state-of-the-art laboratories, IET offers a wide range of specializations such as data science, cloud computing, big data analytics, cybersecurity, and VLSI. It also provides minors in design, mathematics, entrepreneurship, banking, fintech, and robotics. These offerings are designed to prepare students for dynamic and successful careers in engineering and technology, ensuring they are well-versed in both foundational and emerging areas of their fields.

IET HIGHLIGHTS

- 1:11 HIGHEST FACULTY-STUDENT RATIO*
- UP TO 100% PLACEMENT**
- 3X GROWTH TOP 10% AVG. CTC
- HIGHEST CTC 22.50 LPA
- SEMESTER EXCHANGE AT IIT, IIIT & TOP GLOBAL INSTITUTIONS
- START-UP AND FUNDING SUPPORT FROM AIC***

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DIRECTOR'S MESSAGE



Dr. Renu Jain

**Dean & Officiating Director
Institute of Engineering and Technology**

Ph.D., Computer Science & Engineering, BITS, Pilani

M.Sc. Mathematics, IIT Delhi

Computer-Based Information Systems Software Technology, McGill University, Canada

In my role as the Dean of the Institute of Engineering and Technology (IET) at JKLU, it is with great pleasure that I convey the spirit of a thriving academic community where both students and faculty witness the realization of their dreams through a commitment to excel.

Our distinguished faculty, characterized by experience and passion, collaborates with students, providing guidance and mentorship to nurture their ambitious ideas. The curriculum at JKLU is designed to be flexible and interdisciplinary, encompassing courses in management, design, critical thinking, and programming skills honed through weekly programming contests. Additionally, we ensure a well-rounded education by incorporating core and elective courses from various disciplines.

To enrich the learning experience, we regularly organize talks, workshops, and interactions with experts from academia and industry. This exposure equips our students with knowledge from diverse perspectives, fostering a holistic approach to education.

At JKLU, we recognize the unique talents within each student and are dedicated to inspiring, challenging, and unlocking their full potential through personalized mentorship. Whether it be career exploration, higher studies, personal development, or unconventional pursuits, our faculty members serve as motivators and guides, instilling confidence and a love for learning.

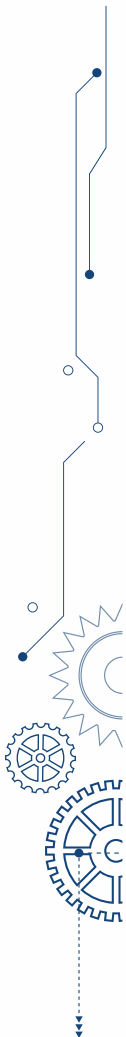
To facilitate a seamless transition for new students, we have implemented a peer-level mentoring system, connecting high performers from senior batches with junior students in laboratories. This creates a supportive environment for open communication, enabling newcomers to seek assistance without hesitation.

Believing in the untapped potential of every student who joins our institution, we are committed to providing the right guidance through mentors who understand their dreams. Our faculty, renowned for academic excellence and practical insights, ensures that each student is mentored to facilitate their dream.

Embodying our core philosophy, we proudly declare our mission at JKLU as "MENTORING DREAMS." We are here to encourage you to dream big, and set goals, and we will stand by you as mentors to help you achieve them.

Look forward to seeing you on campus soon!

**Best Wishes,
Dr. Renu Jain**



MEET YOUR MENTORS



Dr. Renu Jain
*Dean & Officiating Director,
 Ph.D. BITS, Pilani
 NLP: Sentiment Analysis, Relation
 Extraction; Algorithms*



**Dr. Jyoti Prakash
 CR Naidu**
*Dean- Research & Development,
 Ph.D. University of Toronto, Canada
 Engineering, Robotics, AI, Automation
 Design Implemented Design for
 Patentability approach*



Dr. Umesh Gupta
*Dean- Academics, Professor &
 Controller of Examinations,
 Ph.D. Rajasthan University
 Winner of Outstanding Scientist*



Dr. Amit Kumar Sinhal
*Professor,
 Ph.D. Rajeev Gandhi Technical
 University, Bhopal
 AI-ML, AR-VR, Software
 Engineering*



Dr. Rabia Kamra
*Assistant Professor,
 Ph.D. IIT, Delhi Published
 a patent titled "Method for
 Leveraging AI-Powered
 Personalized Learning Tool"*



Ankur Sharma
*Assistant Professor,
 M.S.(Computer Science)
 University of North Carolina at
 Chapel Hill, USA
 Computer Vision, Image Processing,
 Bayesian Statistics*



Dr. Gaurav Mani Khanal
*Assistant Professor,
 Ph.D. University of Rome,
 Italy VLSI, Nanoelectronics,
 Neuromorphic computing
 Co-Principle Investigator
 "Flagship Chip to Start Up" by
 MEITY GOI*



Devendra Bhavsar
*Assistant Professor,
 M.Tech. IIT, Bombay
 Wireless Sensor Networks and
 Algorithms Edge Computing*



Dr. Jaya Gupta
*Associate Professor,
 NET, Ph.D. Rajasthan University
 Special function, Integral transforms,
 statistical distribution theory
 Winner of Excellence in Education
 Award by ITSr Foundation*



Deepika Mishra
*Assistant Professor,
 M.Tech. CSVTU, Bilhail
 CAD/CAM, Additive
 manufacturing, Friction
 Stir Welding*



Dr. Deepika Prakash
*Associate Professor,
 Ph.D. Delhi Technological
 University Data Engineering;
 Enterprise Systems Winner of
 Best Academician of the
 Year 2018*



Dr. Pranab Roy
*Associate Professor,
 Ph.D. IEST, Shibpur Published
 patent on "System for Intelligent
 Net Terminal Relocation
 in DMFB and Method Thereof"*



Dr. Kedar Sharma
*Associate Professor,
 Ph.D. IIT, Kanpur Hydraulics
 and Water Resource Management
 Co-Principle Investigator consultancy
 project – Nuclear Power Corporation*



Dr. Surbhi Chhabra
*Assistant Professor,
 Ph.D. LNMIIT, Jaipur
 Hardware Security, Digital
 System Design*



**Dr. Hanuman Prasad
 Agrawal**
*Assistant Professor,
 Ph.D. Jagannath University,
 Jaipur Power System,
 EV Integration and IoT*



Dr. Ridhima
*Assistant Professor,
 Ph.D. Punjab Engineering
 College, Chandigarh
 Machine Learning, Image
 Processing*



Dr. S. Taruna

*Professor,
Ph.D. Banasthali University
Sensor Networks, Data Mining &
Machine Learning, Cloud Computing
Patent granted for System and
Apparatus for Stimulation of BioMass
Growth using Internet of Things (IoT)*



Dr. Devika Kataria

*Professor,
Ph.D IIT, Kanpur Digital Systems Design,
Industrial IoT, CyberSecurity US patent
granted for "Smart Monitoring of
Belt Tension and Slip"*



Dr. Ajai Jain

*Professor- Emeritus,
Ph.D. McGill University, Montreal, Canada
Natural Language Processing,
Machine Translation, VLSI Design,
Computer Architecture, Parallel
Processing*



Dr. Kshitiz Verma

*Associate Professor,
Ph.D. Universidad Carlos III
de Madrid, Spain
Deep Learning & its application to
law Advisory Board member for
'In-Depth EU AI Toolkit' project at
University of Cambridge, UK*



**Dr. Mahesh Kumar
Yadav**

*Assistant Professor,
Ph.D. IIT, Kanpur
Phase-Change Heat Transfer,
Energy Systems, Hydrogen
Management and Mitigation*



Dr. Manushi Gupta

*Assistant Professor,
Ph.D. IIT (BHU)
Mathematical modelling*



Dr. Rajlakhmi Nayak

*Assistant Professor,
Ph.D. IIT, Madras
Experimental and computational
fluid dynamics*



Dr. Arpan Gupta

*Assistant Professor,
Ph.D. LNMIIT, Jaipur
Video Analytics, Computer
Vision and Deep Learning
Published articles in
SCI Q1 Journal*



Divanshu Jain

*Assistant Professor,
M.Tech. BITS, Pilani
Internet of Things, Digital
Circuits, Antenna Design*



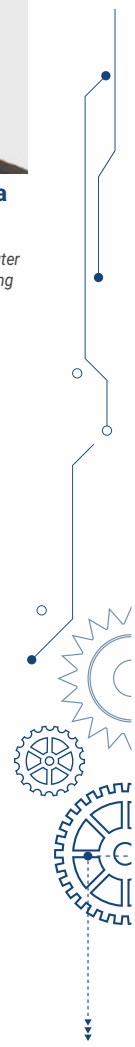
Dr. Richa Sharma

*Associate Professor,
Ph.D. Dr. B R Ambedkar University, Agra
Queueing theory, Reliability theory,
Network Theory, Stochastic models
and Probability theory
Winner of Best Researcher
Award in 2020 and 2023*



**Dr. Mohd. Shahnawaz
Khan**

*Associate Professor,
Ph.D. Dr. B R Ambedkar University, Agra
Organic Synthesis, Green
Chemistry, Medicinal Chemistry,
Heterocyclic Chemistry*



PROGRAMMES

B.TECH

BACHELOR OF TECHNOLOGY

B.Tech. Program at IET, JKLU is designed in sync with the latest technological advancements and innovations while preparing students to become future-ready for both jobs and academic research. Project-based pedagogy and effective frameworks for learning form the core of the course curriculum to allow free exchange of ideas between students and teachers and enhance problem-solving aptitude in them. An interdisciplinary and comprehensive curriculum designed with support from Olin College of Engineering, Boston, USA makes the B.Tech. Programme at JKLU Institute of Engineering and Technology much sought after. Experienced faculty from premier academic institutions across the country engages students in short term courses on cutting-edge technologies. During the programs, selected students also get an opportunity to pursue one semester in different IITs and IIITs like IIT Gandhinagar, IIT Jammu, IIT Bhilai, IIIT Delhi, IIIT Hyderabad, IIT Kanpur, IIT Delhi, etc and many foreign educational institutions.

Our engineering graduates get hired by leading companies and business houses to pursue promising careers in their respective areas of choice.



Computer Science and Engineering

This program aims to provide a strong foundation in Mathematics, Problem solving and Critical thinking, and Programming in addition to the courses on Design and Management while laying adequate emphasis on the core subjects of Computer Science and Engineering. Macro credit courses on emerging technologies are offered to equip the students with the skills and knowledge need to stay at the forefront of their fields. A mandatory two months Practice School-1 at the end of the second year and six months Practice School-2 in the final year allows them to get practical knowledge and valuable insight into the world of Computer Science and Engineering. Well-equipped labs and research facilities along with an excellent faculty provide the necessary pathways to aid the process of learning.



Computer Science and Artificial Intelligence

This program aims to provide a strong foundation in Probability and Statistics, Artificial Intelligence and Machine Learning technologies along with courses in Computer science, Design and Management. The students will be exposed to cutting- edge AI technologies such as Large Language Models (ChatGPT, BARD, LLAMA), Computer Vision, Natural Language Processing, Reinforcement Learning and Deep Learning. A mandatory two months Practice School-1 at the end of the second year and six months Practice School-2 in the final year allows them to get practical knowledge and valuable insight into the world of Computer Science and AI. Well-equipped labs and research facilities along with an excellent faculty further provide the necessary pathways to aid the process of learning.



Computer and Communication Engineering

The field of Computer and Communication Engineering is evolving at accelerated pace with convergence of computers and communication systems. This requires engineers to have skills in Programming as well as capability to update in cutting edge technologies like Internet of Things, 5G and Wireless technologies, VLSI. This program aims to provide a strong foundation in Computer Science, Communication Technology along with Design and Management courses, while providing flexibility for Discipline /Interdisciplinary Specializations. A mandatory two months Practice School-1 at the end of the second year and six months Practice School-2 in the final year allows them to get practical knowledge and valuable insight into the world of Computer Science and Communication Technology. Well-equipped labs and research facilities along with an excellent faculty provide the necessary pathways to aid the process of learning.

M.TECH

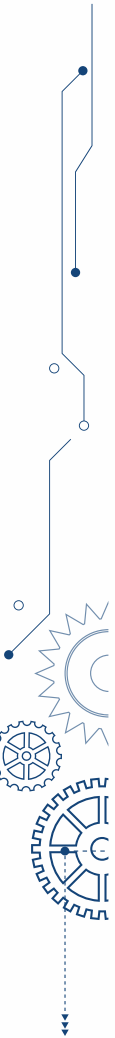
MASTER OF TECHNOLOGY

M.Tech. at JKLU Institute of Engineering and Technology is a composite program that combines classroom teaching with research. Experienced faculty, state-of-the-art labs, and resource centre allow students to ideate, think critically, and solve problems creatively to make an impact. A world-class Learning Resource Centre and well-equipped labs offer hands-on learning to enhance knowledge and develop an attitude for research and experimentation. Exposure to cutting-edge technologies like AI and ML, Robotics and Automation, IoT, and Data Science further develops entrepreneurial perspective in students and motivates them to take on challenges and pursue fulfilling careers. The program is supported by a highly accomplished faculty that lays focus on mentorship and research to derive learning outcomes.



Computer Science and Engineering

This program aims to provide a strong foundation in Mathematics and Research methodologies while laying adequate emphasis on core areas in Computer Science and Engineering. Advance Courses on Algorithms, Software Engineering, Database Systems, Artificial Intelligence, Machine Learning form an integral part of the course curriculum. Well-equipped labs and research facilities along with an excellent faculty provide the necessary pathways to aid the process of learning.



SPECIALISATIONS AND MINORS

B.TECH PROGRAMME

At the Institute of Engineering and Technology within JK Lakshmipat University, B.Tech students have the unique opportunity to enhance their educational experience by opting for specialized tracks or pursuing minors. These options are designed to deepen technical expertise or broaden knowledge across disciplines, thereby augmenting students' career prospects and academic versatility.

SPECIALISATIONS

Specializations allow students to acquire advanced skills and knowledge in a specific area of their main program. The curriculum for the first two years remains the same for all students, providing a solid foundation in core engineering principles. In their third year, students can choose to specialize in one of the following areas, requiring the completion of at least three courses within the specialization:

- Data Science
- Cloud Computing
- Big Data Analytics
- Cyber Security
- VLSI

MINORS

For students interested in expanding their horizons beyond their primary field of engineering, minors offer a valuable opportunity. Minors complement the main degree and can enhance employability, facilitate interdisciplinary learning, or serve as a stepping stone to further education.

The minors currently offered at the institute include:

- Design
- Mathematics
- Entrepreneurship
- Banking and FinTech
- Robotics

Successfully completed specializations and minors are prominently noted on the students' degree certificates alongside their main field of study. This recognition highlights their additional qualifications and can significantly enhance their profiles for potential employers or academic opportunities.

INDIA'S ONLY

SEMESTER EXCHANGE PROGRAMME WITH LEADING IIT'S AND IIIT'S



IIT DELHI*



IIT GANDHINAGAR*



IIIT DELHI



INTERNATIONAL INSTITUTE OF
INFORMATION TECHNOLOGY
HYDERABAD

IIIT HYDERABAD



॥ त्वं ज्ञानमयो विद्वानमयोऽसि ॥

IIT JODHPUR*



विद्याधनं सर्वधनं प्रधानम्

IIT JAMMU



IIT KANPUR



IIT BHILAI

- *JKLU facilitates its students to avail the Non-Degree Programme offered by IITs through Semester Exchange Programme.
- Students can avail the semester exchange opportunity at any partner IIT & IIIT in 2nd & 3rd year of their studies.
- Students are required to pay tuition for only one institution during the course of the Semester Exchange Programme.

#JKLU does not charge tuition fees during the exchange period with partner IITs or IIITs. Students only pay fees to the partner institution.

FEE STRUCTURE

Tuition Fee

Fee Structure (in INR) for Academic Year 2024-25					
Program	Duration (Year)	Academic Fee (Annual)	Admission Fee (One Time)	Caution Deposit (Refundable)	Total Fee
B.Tech.	4	₹ 2,60,000	₹ 5,000	₹ 10,000	₹ 2,75,000
M.Tech.	2	₹ 1,80,000	₹ 5,000	₹ 10,000	₹ 1,95,000

**Fee is subject to yearly revision*

Hostel & Transport Fee

Fee Structure (in INR) for Academic Year 2024-25								
Type of Room	Double Room (2 Students)		Double Room (Single)		Triple Room (3 Students)		Triple Room (2 Students)	
	AC	Non-AC	AC	Non-AC	AC	Non-AC	AC	Non-AC
Hostel Fee	₹80,000	₹65,000	₹1,20,000	₹97,500	₹70,000	₹57,000	₹88,000	₹70,000
Utility Charges	₹25,000	₹10,000	₹45,000	₹18,000	₹20,000	₹8,000	₹27,000	₹11,000
Sub-Total	₹1,05,000	₹75,000	₹1,65,000	₹1,15,500	₹90,000	₹65,000	₹1,15,000	₹81,000
Mess Advance <i>(to be adjusted as per actual)</i>	₹55,000	₹55,000	₹55,000	₹55,000	₹55,000	₹55,000	₹55,000	₹55,000
Total	₹1,60,000	₹1,30,000	₹2,20,000	₹1,70,500	₹1,45,000	₹1,20,000	₹1,70,000	₹1,36,000

Hostel charges are assessed annually and apply to all boarding students, with rooms provided on a twin/triple-sharing basis. Students must remain in the hostel throughout the semester. A refundable security deposit of 5,000 is required with the first year's fees, and charges are subject to annual revisions.

Transport Fee

For students commuting from Jaipur City to the JKL campus, we provide air-conditioned bus services at an annual fee of Rs. 49,500

**Fee is subject to yearly revision.*

SCHOLARSHIPS

Scholarships are granted based on academic performance in Class XII marks in specified subjects, applicable for those who completed Class XII in 2023/2024. For the assessment of scholarships based on 12th-class marks, the scoring is outlined as follows:

- Specified subjects for B.Tech. include Physics, Chemistry, Math and English

Scholarship for B.Tech. Programs

Scholarship (%)	12th %age (Specified Subjects)	JEE Mains Score (Percentile, only for B.Tech.)	CUET Score (3 Specified Subjects)
100%	N/A	95 or above	600 or above
75%	93 or above	90 – 95	550 – 600
50%	86 – 93	80 – 90	500 – 550
25%	80 – 86	75 – 80	450 – 500
15%	70 – 80	70 – 75	400 – 450

For awarding scholarships based on CUET performance, the score for B.Tech. will be computed based on three subjects which include English, Math and one domain-specific subject.

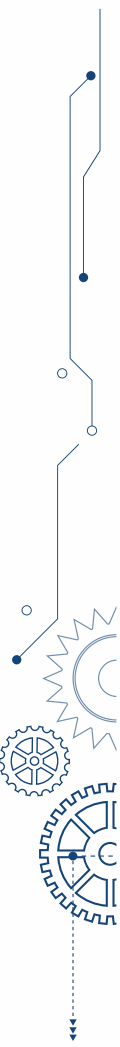
Additional Scholarship

Moreover, there is a fee reduction initiative for certain student categories, capped at a maximum of 100 percent. A 25% reduction in academic fees is applied to the following individuals:

- Wards of a staff member of JKLU or any entity associated with JKO
- Sibling of a student (both receive a fee reduction)
- Sibling of an alumna/alumnus
- An alumnus pursuing a second degree

Exceptional Performance in Extracurricular and Co-curricular Activities

If an applicant demonstrates outstanding performance in sports (such as representing the state in national-level sports), Olympiads (reaching the training camp level), or any other area, a special committee will assess the application and recommend additional scholarships.



Women Scholarships

All women students will receive a scholarship equivalent to 10 percent of the academic fee if they are ineligible for any above-mentioned scholarships. This award is granted annually, subject to the conditions outlined in the rules for continuation

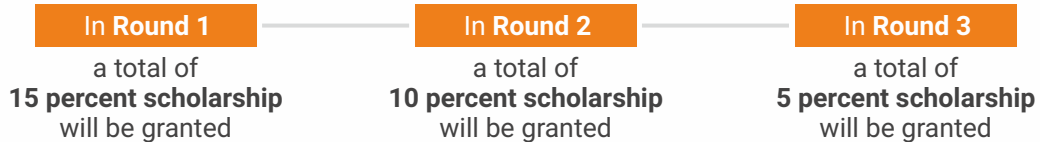
Special Category Scholarships

Students falling into the following categories will be entitled to a scholarship equivalent to 10 percent of the academic fee in the first year if they do not qualify for any above-mentioned scholarships. This is applicable only for the initial year of studies:

- Wards of Defence Personnel
- SC/ST students
- Differently-abled students
- Students from North-Eastern States (domicile based on the school's address in the 12th class and for open school, the address of the exam centre in the 12th class)
- Students from all Union Territories (except Delhi), with domicile determined by the same rule as above Students from JKO schools

Early Bird Scholarships

In addition to the existing scholarships, including women scholarships and special category scholarships (subject to a maximum of 100 percent), JKLU offers 3 Rounds of Early Bird Scholarships.



All scholarships are expressed as a percentage of academic fee exclusively. No scholarship covers technology fee, hostel, transport, and mess charges.



ADMISSIONS

Admissions Calendar 2024

Components	1 st Round	2 nd Round	3 rd Round	4 th Round	Final Call
Application Form Deadline	30 January, 2024	01 April, 2024	24 April, 2024	24 May, 2024	30 June, 2024
Selection/Offer	05 February, 2024	08 April, 2024	30 April, 2024	30 May, 2024	05 July, 2024
Registration on Campus	08 July, 2024				
Admission Closing	15 July, 2024				
Classes Commencement	29 July, 2024				

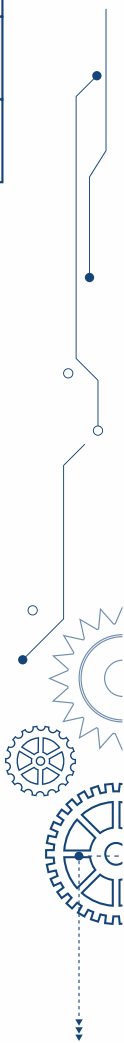
Eligibility

B. Tech Admission Requirements

- Applicants must secure at least 60% in English, Maths, Physics, and Chemistry in the Class XII examination. Additionally, a minimum of 60% in Mathematics is specifically required.
- Marks from examinations conducted by recognized Central/State Boards in India, or equivalent foreign examinations recognized by the Association of Indian Universities (AIU), are acceptable.
- Students currently in their final year of Class XII are eligible to apply, but their admission will be provisional until they meet the specified admission criteria.
- Foreign Nationals, Persons of Indian Origin, and Non-Resident Indian candidates will be considered based on their performance in the 10+2 or equivalent examination.

M. Tech Admission Requirements

- Candidates must have a minimum of 60% marks or a CGPA of 6.0/10 in the qualifying examination in engineering or a related field from a recognized university. If the degree is not in an allied discipline, candidates must either provide proof of having completed basic computer science courses or pass the GATE in an allied area.
- Final year undergraduate students may apply, but their admission will be provisional pending fulfillment of the minimum admission requirements.



LABS

COMPUTER SCIENCE LABS

Computer science laboratories house a variety of cutting-edge equipments tailored for specific tasks in addition to the high-end CPUs and GPUs. The labs collectively contribute to a transformative learning experience, combining theoretical knowledge with practical applications. Students report increased understanding and proficiency in complex concepts.



Compiler Lab

Equipped with high-configuration PCs, the Compiler Lab caters tasks related to, Anaconda(Python), VS Code, Google Cloud, Big Data, SQL and Data Structures & Algorithms (DSA).



Linux Lab

The Linux Lab serves as a dedicated space for learning about Linux and various related technologies. With hands-on access to Linux systems, students gain practical experience in system administration and programming in C, C++, Java.



Data Science Lab

The Data Science Lab features high-end PCs specifically tailored for research work, machine learning tasks, and data model training. It allows the students and faculty to pursue research in areas of artificial intelligence and machine learning.



Computer Network and Cyber Security Lab

Equipped with the necessary hardware and software (Wireshark, Packet Tracer, NS3), this lab provides a platform for learning about various aspects of networks and cyber security, from basic configurations to advanced protocols and security measures.



AR/VR Lab

The AR/VR Lab, equipped with HTC Vive and Meta Quest devices, remains at the forefront of technology, fostering creativity and innovation in virtual environments. Students and researchers explore applications in virtual prototyping, game development, data visualization, and immersive learning experiences.



ELECTRICAL AND ELECTRONICS LABS



Smart Grid Lab

Smart Grid Lab focuses on tackling traditional grid challenges for a sustainable energy future. Equipped with energy test benches, it features a 1-phase microgrid setup. This setup includes a grid emulator, 40 W solar panel, 30 W wind emulator, converters, hybrid energy storage, and programmable load.



Circuit Design and VLSI Lab

This lab offers a dynamic environment where students delve into the intricate world of integrated circuit design, exploring cutting-edge technologies and methodologies. Students can work from fundamental digital circuits to VLSI circuits. This lab offers circuit design tools, simulation environment, FPGA Prototyping (Zybo Zynq-7000 development board, Nexyx 4DDR Artix-7), ASIC Design Flow.



Communication Lab

The communication lab is equipped with the latest technology and resources to support a wide range of research and experimentation in Digital Communication, Microwave Engineering and Signal Processing. We have AWS bracket access for Quantum Computing which is being used for projects in Quantum Cryptography and Communication.



Embedded System and IoT Lab

Embedded Systems and IoT Lab serves as a beacon for innovation, research, and practical implementation. This lab is equipped with a diverse range of microcontroller platforms including Arduino, Raspberry Pi, ESP32, and TIVA series, enabling users to develop projects spanning from simple prototypes to complex embedded systems.

OTHER LABS



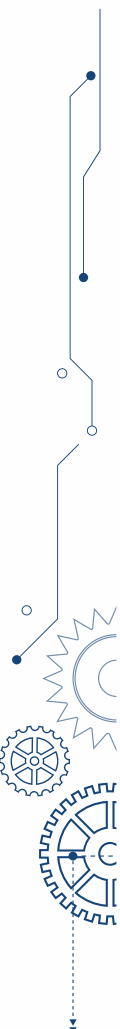
Mechanical Workshop

A comprehensive workshop, a hub where innovation flourishes amidst a rich array of equipment. In this space, students harness the transformative power of machinery spanning from traditional to cutting-edge technologies. From the precision of the lathe and the craftsmanship of carpentry to the robustness of the smithy, foundational skills are honed with each project undertaken. The laser cutter brings forth intricacy and finesse, while casting molds visions into tangible forms.



Automobile Engineering Lab

The laboratory facilitates hands-on exploration of vehicle frameworks, components, engine assembly-disassembly, performance evaluation, and emissions analysis. With cutting-edge equipments, students delve into engine calibration, fuel injection analysis, and study various vehicle types including diesel, petrol, hybrid models, and alternative fuels, preparing them for diverse roles in the automotive sector.



PHILOSOPHY OF PEDAGOGY

*Innovative Pedagogy
Redefining Mentorship*

At JK Lakshmipat University (JKLU), we integrate cutting-edge teaching methods and a results-oriented approach to ensure that classroom learning becomes a dynamic journey of growth. Our advanced facilities and resources enable you to refine your learning, critical thinking, communication, and self-reflection abilities. Through our distinctive curriculum model, 'Learning at JKLU,' we foster a holistic learning environment that prepares students for diverse roles as versatile professionals and global leaders.

Reimagining Education

Diverse learning methodologies that foster endless opportunities.

Multidisciplinary Approach

Develop perspective and awareness through discussions and seminars on economics, politics, history, social science, development, and more.

Experiential and Tech-Driven Learning

Learn by doing. Apply classroom concepts to real-world challenges.

No Boundaries

Learn from the best facilitators, practitioners, and teaching assistants on campus.

Industry Interactions

Benefit from a close and sustained dialogue with the industry. Leverage the advantages of mentorship, counselling, and work opportunities.

Autonomy and Flexibility

Choose what you want to study. Take charge of your learning. Enjoy the freedom to follow your curiosity and pursue interests.

Out-of-Classroom Learning

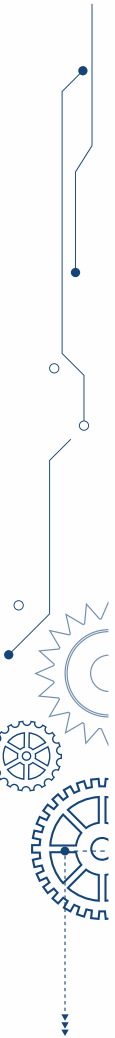
Explore JKLU Centres of Excellence for unique learning experiences.



EXPERT TALKS

FROM INDUSTRY VETERANS

- Prof. Ajit K. Chaturvedi, Former Director IIT Roorkee, interacted with engineering students
- Mr. Vijay Saraswat from Xerox Palo Alto Research Center discussed "The Dawn of the AI Age"
- Prof. Neeldhara from IIT Gandhinagar engaged in faculty interaction
- Prof. James Lockhart, an academic from various global institutions, delivered a talk
- Dr. Amlan Chakrabarti from Calcutta University discussed "Quantum Computing"
- Mr. Jyotishko Biswas, Senior Data Science Manager at HP Inc Finance, spoke on "Using LLM/Generative AI Technologies"
- Dr. Sakthi Balan from LNMIT discussed "Endogenous and Exogenous Spread in Epidemics and Information Diffusion"
- Prof. Ashok Mittal, Director of IIITD Incubation Centre, motivated students on "Understanding Innovation and Entrepreneurship"
- Dr. B. Chandra, Adjunct Professor at IIT Delhi, covered "Applications of Data Science"
- Prof. PK from IIIT Hyderabad provided insights into education abroad programs
- Dr. Felix Heidrich, Managing Director of Tulip Germany, and Anaïs Luisa Habermann, an Aerospace Engineer at Bauhaus Luftfahrt, inspired students in their respective fields
- Prof. R. K. Ghosh, Retired IITK Professor, discussed "A Microframework for Development of Web Applications"
- Dr. Prosenjit Ganguly, NID Ahmedabad alumnus, presented "New Perspective towards Animation"



PLACEMENTS

HIGHLIGHTS



■ **22.50 LPA**
Highest CTC

In B.Tech Programme

■ **7.93 LPA**
Average CTC

In B.Tech Programme

■ **7.0 LPA**
Median CTC

In B.Tech Programme

■ **Top 10% Average**
CTC 18.07 (LPA)

In B.Tech Programme

■ **2X Growth in**
Avg. CTC

In B.Tech Programme

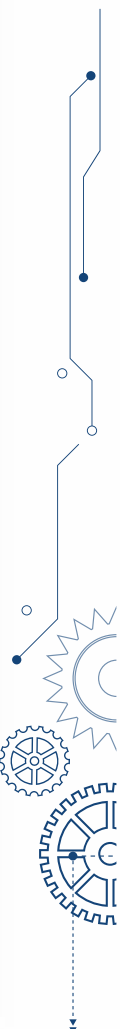
■ **3X Growth Top 10%**
Avg. CTC

In B.Tech Programme

OUR RECRUITERS



and many more...



STUDENT ACHIEVEMENTS

- 11 students from B.Tech.- CSE 3rd year batch have cleared the GATE 2023-2024 in their first attempt, with one student achieving a rank of 524.
- International Chess Player, Kartavya Anadkat, a student of BCA, has secured 2nd position in FIDE World Amateur Chess Championship 2023. The tournament was held in Muscat, Oman and had participants from 64 countries. He has earned many laurels in chess for INDIA.
- Sunandini Bansal, Devashish Nagpal, and Vivek Pareek from the JKLU team clinched the incubation prize during the Circular Campus Innovation Challenge of 2023.
- In Start-up MahaKumbh hosted by AIC -JKLU during 18-20 March , 2024 at University, a start-upTrackIt, founded by Deeksha Dixit, Akshat Modani, Ritisha Mathur, and Ayush Ranwa, has successfully obtained 17.5k INR in funding.
- Our students were invited to participate by CDTI Jaipur for a Social Outreach Programme focusing on "Cyber Crime and Ensuring Cyber Hygiene". Trisha Roy and Varun Parmar, students of BCA, secured the first and second positions, respectively, in the event.
- IET Scholars Shubham Jain, Garvita Sharma, Aaditya Raj, Poorna Bhati, and Ayush Jain, embarked on an unforgettable journey. On January 25, 2024, they seized a golden opportunity to engage with none other than French President Macron and esteemed Foreign Minister S. Jayshankar amidst the grandeur of Amer Fort in Jaipur.
- In year 2023-2024, few B.Tech. CSE students went to study a semester abroad , Shruti Jain and Manan Sharma, at the University of Amsterdam, Netherlands, Chirag Bansal at Hanyang University in Seoul, South Korea and Aditya Raj Kumawat at the University of Florida, USA.
- In year 2023-2024, some students went for semester exchange at renowned institutes of India. 9 students at IIT Gandhinagar, 5 students at IIT Kanpur, 1 student at IIT Jodhpur.
- In year 2023-2024, some of the B.Tech. CSE students have done research internships at various IITs, Anay Sinhal from IIT Jammu, Sunandini Bansal from IIT Ropar, Aaditya Shukla from IIT Bhilai, Anjana Saini from IIT Jodhpur and Mudit Lodha from IIT Jammu and Vardhana Sharma from IIIT Delhi. Vardhana Sharma also got a admission in PhD from IIIT Delhi.
- Raj Bhurad, 2020-24 B.Tech. ECE is a short-term visiting researcher to Carleton University, Canada for project "Innovation, Design, and Development of a Novel Snoring and Obstructive Sleep Apnea Prevention Device" funded by Mitacs Globalink Research.



STUDENT TESTIMONIALS



MANAN SHARMA

CSE (Batch 2020-2024)

I wanted to tell you about my awesome time in Amsterdam during my exchange semester. The city taught me a lot, especially about being on time the Dutch are really punctual, even at the supermarket. I got better at technical stuff and talking with others because I worked on a real project with clients and my team. At first, it was a bit tough getting used to the Dutch way of life their culture, timings, weather, and bikes everywhere but it turned out to be really cool. People there care a lot about being healthy, and everyone, including professors, was super helpful. If my work slowed down, they'd check in to see if everything was okay or if I needed help.

PAARTH JHA

CSE (Batch 2021-2025)

Although JKLU has the best of everything a student could ask for, the most noteworthy are the faculty members who possess great wisdom and deep knowledge about their fields, including memorable stories and experiences to share. An optimum student to faculty ratio establishes strong bonds between the mentors and students where they acknowledge their strengths and weaknesses thereby learning new skills and attributes.



ANSH BHATIA

CSE (Batch 2019-2023)

As a JKLU student, I've had an incredible experience. Thanks to my professors and mentors, I've developed a diverse set of skills, including technical knowledge, communication, leadership, and critical thinking. Serving as Deputy General Secretary of the university's Student Council for 1.5+ years allowed me to hone my leadership skills and manage a team. I'm grateful to the university's excellent faculty and management. Achieving the highest CTC in my batch, that too in the first company was impossible without the guidance of the faculty and never-ending hard work of the placement team. JKLU has a great campus life, with various clubs that offer a platform to explore one's interests.

SHUBHAM JAIN

CSE (2nd Year)

As a tech student at JKLU, I've discovered there's so much more to explore beyond just tech. I've delved into management through events and learned design tricks from my friends. The guest lectures here are a real highlight, bringing in experts to guide us on different topics. Plus, JKLU offers tons of opportunities - from organizing events to competing - allowing us to really dive into our interests. And the best thing I am waiting for is the semester exchange at IITs, which is offered by very few institutes.



SAUMYA PATEL

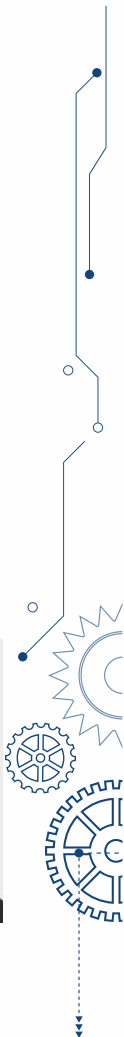
CSE (Batch 2019-2023)

My experience at JKLU has been truly transformative. The university has provided me with a wonderful opportunity to learn and grow intellectually, socially, and academically. With project-based learning and dedicated professors, I was able to apply practical knowledge in real-time and develop valuable experience while working in a team. I am particularly grateful for the opportunity to learn about emerging technologies such as AI and ML, which have become increasingly relevant in today's world. What's more, JKLU has a vibrant and supportive community that offers social and moral support in addition to a rich technological and cultural environment. Overall, I am incredibly appreciative of my experience at JKLU and the chances it has given me to widen my personal and professional horizons.

GARV BAHETI

CSE (Batch 2020-2024)

As a student at JK Lakshmipat University, I can confidently say that this institution has provided me with a holistic learning experience. From excellent academic facilities to state-of-the-art infrastructure, JKLU has it all. One thing that sets JKLU apart from other universities is its focus on hands-on learning. The faculty members here are highly experienced and knowledgeable and are always available to provide guidance and support to students. The university has a vibrant campus life with a range of extracurricular activities and clubs to cater to students' diverse interests. This has helped me grow as an individual and has provided me with a platform to showcase my talents.



ABOUT

JKLU

JK LAKSHMIPAT UNIVERSITY

Established in 2011 by J.K. Organisation (JKO), JK LakshmiPat University (JKLU) is a pioneering institution committed to bridging the industry-academia gap, carrying forward JKO's illustrious 125-year legacy of nation-building. With cutting-edge programs in engineering, management, and design, JKLU offers experiential learning opportunities and boasts the highest faculty-student ratio in the region, accredited by NAAC.





FACILITIES



MESS

At JK LakshmiPat University, we prioritize hygienic and healthy dining. Our mess hall is dedicated to crafting and serving nutritious meals in a clean and welcoming environment. Managed by a committee of both students and faculty, it ensures that dining is not just about food, but about community and wellness.



HOSTELS

Discover the comfort and convenience of our university hostels. Designed with spacious living quarters and vibrant communal areas, our accommodations foster a warm community spirit. Enjoy the full experience of on-campus living, where every moment is an opportunity to create lasting memories.



SPORTS

At JKLU, sports form a vibrant part of our culture with a range of inter-university competitions and intramural events scheduled throughout the year. Catering to diverse interests, our facilities support everything from outdoor sports like cricket and basketball to indoor games including chess and table tennis.



FITNESS CENTRE

We are committed to supporting the physical health of our students, promoting a balanced and holistic approach to fitness and well-being. Maintain a healthy and active lifestyle at our fully equipped fitness center, which features the latest equipment and a diverse range of training options.



MEDICAL CENTRE

Our on-campus Medical Centre offers 24/7 qualified medical assistance to ensure the health and safety of our community. Regular health check-ups, follow-up care, and wellness services are readily available, along with a dedicated ambulance service provided by Blue Circle Medi Services Pvt. Ltd for any emergencies.



CAFETERIA

Delight in diverse culinary options at our multi-cuisine cafeteria. Whether you're seeking a quick snack between classes or a relaxed meal with friends, our cafeteria serves a wide range of appealing dishes in a lively and inviting atmosphere, making every dining experience enjoyable.

FESTIVALS



AARAMBH

AARAMBH is a 12-day residential orientation program, featuring power talks, workshops, club activities, and an adventurous hiking trip. Led by dedicated organizers, to foster a sense of belonging and skill development among newly inducted students of JK Lakshmi University.



PARICHAY

PARICHAY, the annual fresher's party, aimed to craft an indelible welcome for the latest additions to our academic family. It is a splendid canvas for our newly inducted students to display our institution's rich cultural heritage while embracing the contemporary spirit of our diverse student body.



SABRANG

SABRANG, our annual cultural fest celebrates diversity and talent. With over 30 activities and 1000+ participants nationwide, it fosters creativity, teamwork, and cultural exchange. From trading challenges to DJ nights, it's a vibrant showcase of student excellence and community spirit, setting new benchmarks each year.



MEET THE MINDS

The "Meet the Minds" series is designed to offer a platform for learning, mentorship, and networking. It provides participants with a unique opportunity to interact with personalities who have excelled in competitive programming, allowing them to gain valuable insights into what it takes to succeed in this challenging domain.



HACK JKLU

Hack JKLU, our annual hackathon, isn't just about coding; it's a fusion of innovation, teamwork, and inspiration. With engaging workshops, expert talks, and cultural performances, it cultivates creativity and problem-solving skills. Participants collaborate, learn and innovate, leaving a lasting impact on our community's culture of innovation.



JAIPUR DESIGN WEEK

Jaipur Design Week (JDW) celebrates creativity and innovation, bringing together designers, professionals, and enthusiasts worldwide. Through workshops, discussions, and exhibitions, it nurtures talent, fosters collaboration, and explores the transformative role of design. JDW inspires new ideas and showcases the impact of design in shaping our world.



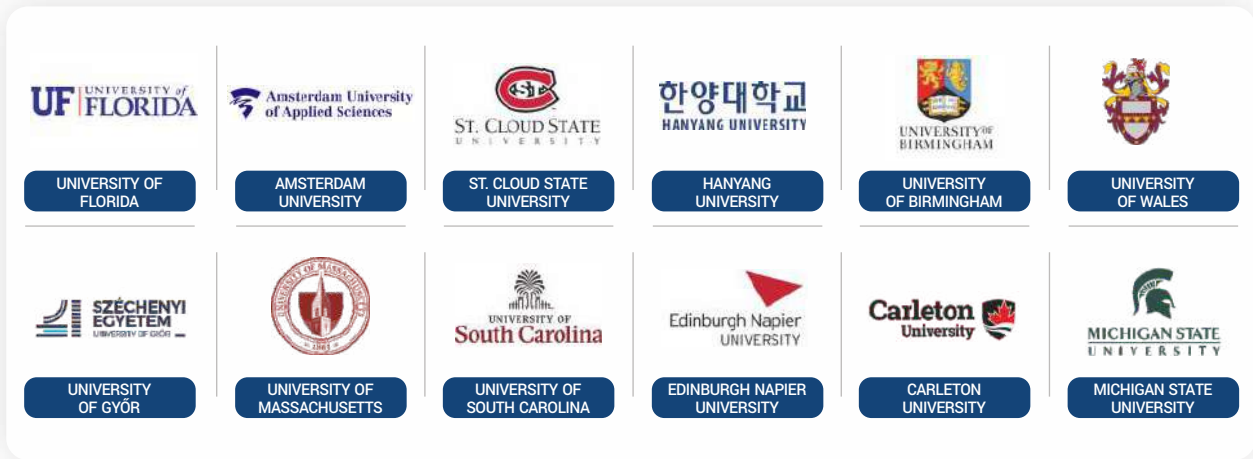
ACADEMIC COLLABORATIONS



NATIONAL



GLOBAL



JK Lakshmipat University (JKLU) places significant emphasis on academic collaborations to enhance the educational experience of its students. These partnerships enable students to participate in semester exchange programs at some of the finest institutions in India and internationally. Carefully selected to align with JKLU's dedication to global learning and cross-cultural understanding, these collaborations grant students access to a wide array of academic resources, expert faculty, and diverse student communities.

Such exchanges not only enrich students' academic lives but also broaden their perspectives and enhance their employability by providing a global outlook and practical experience in international settings. Moreover, JKLU supports these valuable opportunities by waiving tuition fees during the exchange period, reinforcing its commitment to student development and international exposure.

CAMPUS LIFE

At JK Lakshmipat University, campus life thrives as a vibrant tapestry of experiences, where every corner pulsates with energy and opportunity. Here, students immerse themselves in a dynamic community, enriched by a kaleidoscope of activities tailored to their passions and interests. From spirited academic debates to collaborative projects, cultural festivals, and sports competitions, our

campus buzzes with excitement and creativity. It's a place where friendships are forged, ideas are exchanged, and personal growth flourishes. With state-of-the-art facilities, lively student clubs, and a supportive network of faculty and staff, JKLU's campus offers an environment where students can explore, discover, and thrive.



COMMUNITY AND CLUBS

The university environment at JK LakshmiPat University is brimming with outstanding opportunities, abundant resources, and unwavering support for students to embark on new adventures, build meaningful connections, and nurture their creativity. From a diverse array of clubs and organizations to cater to every interest, JKLU ensures there's something for everyone to engage with and enjoy.



Technical Club



Photography Club



Community Development Club



Coding Club



Design Club



Business/ Finance Club



Dance Club



Sociama Club



Drama Club



Robotic Club



ART Club

HISTORY & HERITAGE

*Pioneering a legacy, by building the nation
& inspiring futures for 125 years*

Our optimism for the future is guided by, and built on, the strong foundations of the past. The JK Organisation is one of India's most respected nation-builders and has a proud history of being committed to India's potential for growth and progress for nearly 125 years. It has successful businesses across a range of industries, including:

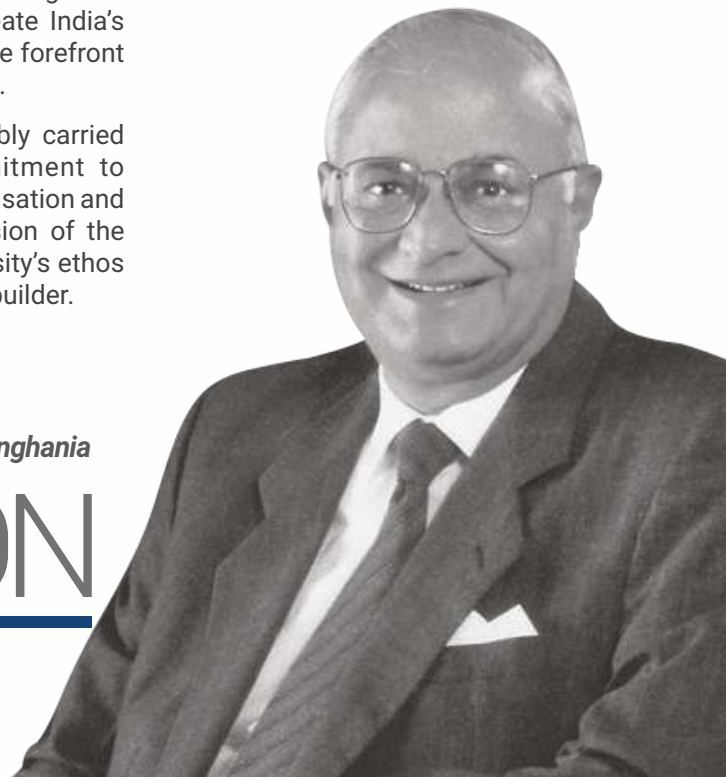


JKLU is a proud member of this heritage, as a philanthropic initiative of the Lakshmipat Singhanian Education Foundation.

Led by its key architect, the Late Lala Lakshmipat Singhanian (1910-1976), who was inspired and driven to create India's intellectual capital, JK Organisation has been at the forefront of philanthropic initiatives in education & healthcare.

Late Shri Hari Shankar Singhanian (1933-2013) ably carried forward the legacy of inspiration and commitment to education as President (Chairman) of the JK Organisation and as the Chancellor of JKLU. The vision and mission of the founders continue to be the bedrock of the university's ethos and its promise to play a significant role as a nation builder.

OUR | Late Shri Hari Shankar Singhanian INSPIRATION



ACADEMIC ADVISORY BODY



Prof. Sunand Bhattacharya

*Associate Vice Provost, Design and Innovation Strategies, Boston College, USA
Former Adjunct Professor, Olin College, USA*



Dr. Prabhu Aggarwal

*Former Vice-Chancellor of Bennett University
Former Professor of Management and Assistant Dean at William & Mary University, USA
President & Founder, Eduserv-Global LLC*



Dr. Vijay Kumar

*Dean, Penn Engineering
Professor, University of Pennsylvania, USA*



Lt. Gen. Arun K Sahni

*Indian Army Strategic Analyst
Defense Consultant*

To enhance the academic environment at JKLU, we have established an Academic Advisory Board comprised of distinguished scholars.

This board plays a crucial role in ensuring that the university's programs and curricula remain current and well-prepared for the future.



Dr. Sartaj Sahni

*Distinguished Professor of Computer Science, University of Florida, USA
Member of the European Academy of Sciences;
Fellow of IEEE, ACM, AAAS, and Minnesota Supercomputer Institute, IIT Kanpur*



Dr. Amit Sheth

*Founding Director, Artificial Intelligence Institute, University of South Carolina
Cofounder and Chief Advisor ezDI, LLC*



Mr. Nagaraju Srirama

President and Director, JK Fenner (India) Limited

GOVERNING BODY



Shri Bharat Hari Singhania

*Chancellor, JK Lakshmipat University
President, JK Organisation*



Dr. R.P. Singhania

*Pro-Chancellor,
JK Lakshmipat University Chairman
& Managing Director,
JK Tyre & Industries Ltd.*



Shri H.P. Singhania

*Pro-Chancellor,
JK Lakshmipat University
Vice-Chairman &
Managing Director, JK Paper Ltd.*



Dr. Dheeraj Sanghi

*Vice-Chancellor, JKLU
Former Dean, Academic Affairs, IIIT Delhi
Former Professor, IIT Kanpur
Former Director, LNMIIT, Jaipur & Punjab*



Smt. Vinita Singhania

*Chairperson &
Managing Director,
JK Lakshmi Cement Ltd.*



Shri Surendra Malhotra

*Former MD, Orissa Synthetics Limited,
Senior Management and
Engineering Professional*



Dr. S. Chouksey

*Advisor, JK Lakshmi Cement Ltd., Delhi
Former President of
Cement Manufacturers Association
Former Chairman, National Council
for Cement and Building Materials*



Dr. Ashutosh Sharma

*Institute Chair Professor & INAE Visvesvarya,
Chair Professor & Coordinator, DST Unit on Nanoscience & Centre for
Environmental Science and Engineering, IIT, Kanpur, India
Former Secretary, Department of Science & Technology, Government of India, New Delhi*



Dr. Pramath Raj Sinha

*Founding Dean, ISB Hyderabad
Founder & Trustee, Ashoka University
Founder & Managing Director,
Nine Dot Nine Mediaworx*



Shri Saurabh Srivastava

*Co-Founder & Former Chairman,
NAASCOM
(Padma Shri Awardee)*



Shri S.K. Roongta

*Chairman, Bharat Aluminium
Company Limited.
Former CMD,
Steel Authority of India*



Shri Sanjay Jain

*Former Managing Director,
Global Capability Network,
Accenture*



Shri Ajay Shankar

*I.A.S., Former Secretary (Industry)
to the Government of India*



Shri Prem Singh

*President (Corporate HR),
JK Organisation*



Shri Pukh Raj Sen (IAS)

*Commissioner, Department of
College Education, Govt. of
Rajasthan.*



Shri KK Maheshwari

*Officiating Registrar,
JK Lakshmiapat University*



Smt. Renu Sud Karnad

*Managing Director,
HDFC Ltd.*

FROM THE CHANCELLOR'S DESK

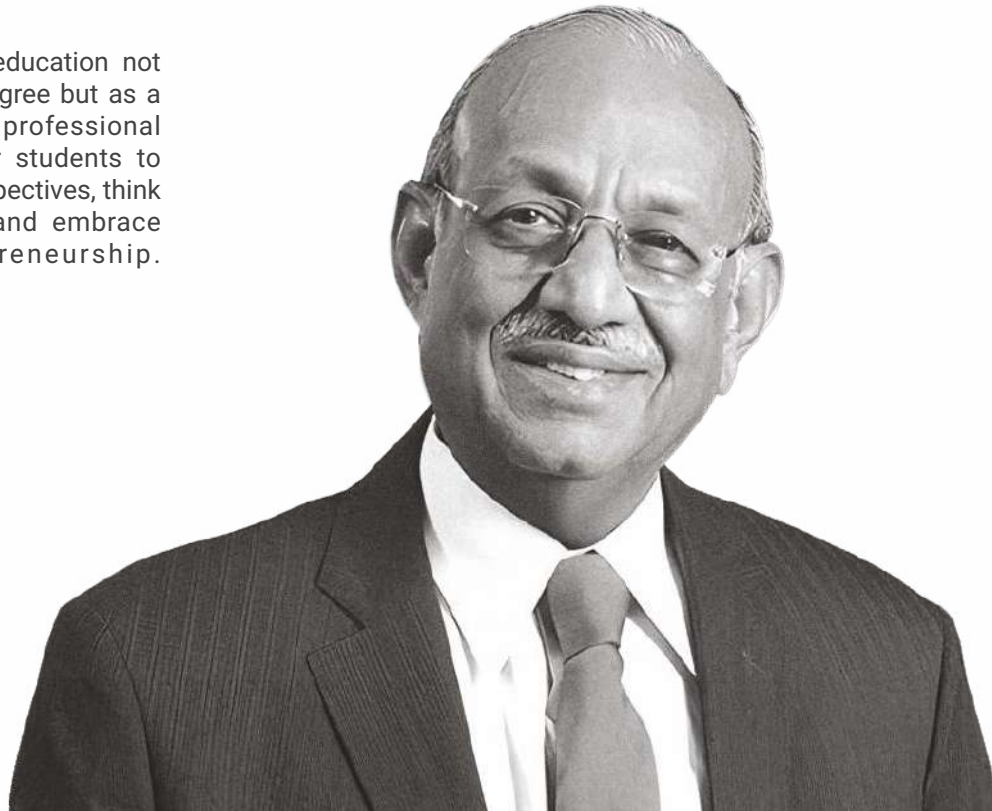
Shri Bharat Hari Singhania

*Chancellor, JK LakshmiPat University
President, JK Organisation*

“ We, as an industrial conglomerate, have been steadfastly committed to education and meritocracy in the country for more than 125 years. In the world of JK LakshmiPat University, your passion and talents are not only nurtured but also encouraged to blossom. It's a realm where you can cultivate lifelong relationships with mentors and peers who will guide and support you at every step. Education and meritocracy have been the driving forces for years in this world.

At JKLU, we view higher education not merely as a means to a degree but as a journey of personal and professional growth. We challenge our students to explore new ideas and perspectives, think critically and creatively, and embrace innovation and entrepreneurship.

Constantly striving to improve and innovate, we push the boundaries of what is possible and create new opportunities for our students to succeed. Investing in cutting-edge research and technology, forging partnerships with industry leaders, and expanding our programs to meet the evolving needs of today's workforce are integral to our commitment. ”



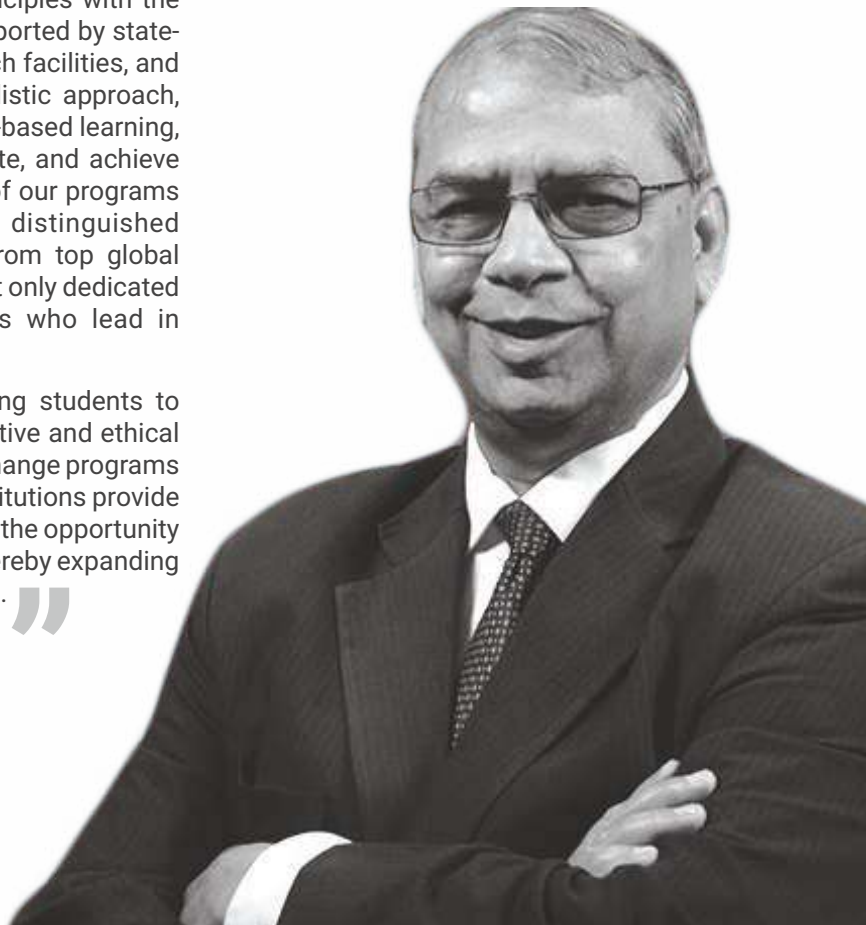
VICE CHANCELLOR'S MESSAGE

Dr. Dheeraj Sanghi

Vice Chancellor, JK Lakshmipat University

“ At JK Lakshmipat University, we understand that engineering and technology are fundamental to modern innovation and societal advancement. At the JKLU Institute of Engineering and Technology, our programs are thoughtfully designed to equip students not only with rigorous theoretical knowledge but also with the practical skills essential for leadership in today's swiftly evolving technological environment. Our curriculum integrates foundational engineering principles with the latest technological advancements, supported by state-of-the-art laboratories, advanced research facilities, and innovative technology centers. This holistic approach, coupled with our commitment to project-based learning, enables students to experiment, innovate, and achieve engineering excellence. The excellence of our programs is further enhanced by our faculty's distinguished pedigree. Holding advanced degrees from top global engineering schools, our faculties are not only dedicated educators but also active researchers who lead in technological innovation.


Their mentorship is crucial for preparing students to tackle real-world challenges with innovative and ethical solutions. Additionally, our semester exchange programs with leading IITs, IIITs, and top global institutions provide students with unparalleled exposure and the opportunity to pursue study abroad opportunities, thereby expanding their academic and professional horizons. ”





jklu.edu.in

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Ajmer Road, Jaipur- 302026, Rajasthan, India

 830 222 3344  admissions@jklu.edu.in

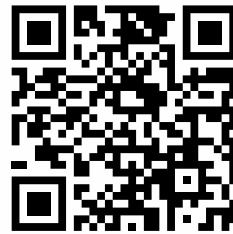
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 @JKLUJaipur

 JK LakshmiPat University

 JK LakshmiPat University, Jaipur



SCAN TO APPLY

