B.TECH
BACHELOR OF TECHNOLOGY (CSE)

The Bachelor of Technology (B.Tech) in Computer Science & Engineering (CSE) at KK Modi University is a rigorous, industry-integrated undergraduate programme designed to nurture skilled, future-ready engineers. With a strong focus on hands-on learning, coding-intensive coursework, industry internships, and live projects, the programme equips students with practical expertise in software engineering, artificial intelligence, data science, cybersecurity, cloud computing and emerging digital technologies, preparing them for high-growth careers from day one.

PROGRAMME HIGHLIGHTS:
EXPERIENTIAL LEARNING @ KKMU

LEARNING BY DOING IS AT THE HEART OF THE KKMU ENGINEERING PHILOSOPHY

- *Industry-Oriented, Outcome-Based Curriculum*
- *Seven and a Half Month Internship Embedded Degree Programme*
- *7.5 Month Industry Internship Opportunities*
- *Hands-On Coding, Labs & Capstone Projects*
- *Exposure to AI, ML, Cloud, Cybersecurity; Data Science*
- *Hackathons, Coding Challenges; Tech Bootcamps*
- *Final-Year Major Project with Industry / Research Focus*

B.TECH CSE SPECIALISATIONS;
EMERGING TECHNOLOGY TRACKS

STUDENTS CAN PURSUE CORE CSE OR CHOOSE FUTURE-READY SPECIALIZATION PATHWAYS:

COMPUTER SCIENCE; ENGINEERING (CORE)

B.TECH CSE – ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

B.TECH CSE – DATA SCIENCE

B.TECH CSE – CLOUD COMPUTING AND VIRTUALIZATION

B.TECH CSE – CYBER SECURITY AND DIGITAL FORENSICS

B.TECH CSE – INFORMATION TECHNOLOGY

B.TECH CSE – HEALTHCARE INFORMATICS

WHY STUDY
B.TECH CSE AT KKMU?

5 REASONS TO CHOOSE KKMU

✓ **INDUSTRY-ALIGNED CURRICULUM**

Designed with inputs from industry experts to ensure strong employability and technical depth.

✓ **PRACTICAL; PROJECT-BASED LEARNING**

Coding labs, real-world projects, internships and capstone work embedded across semesters.
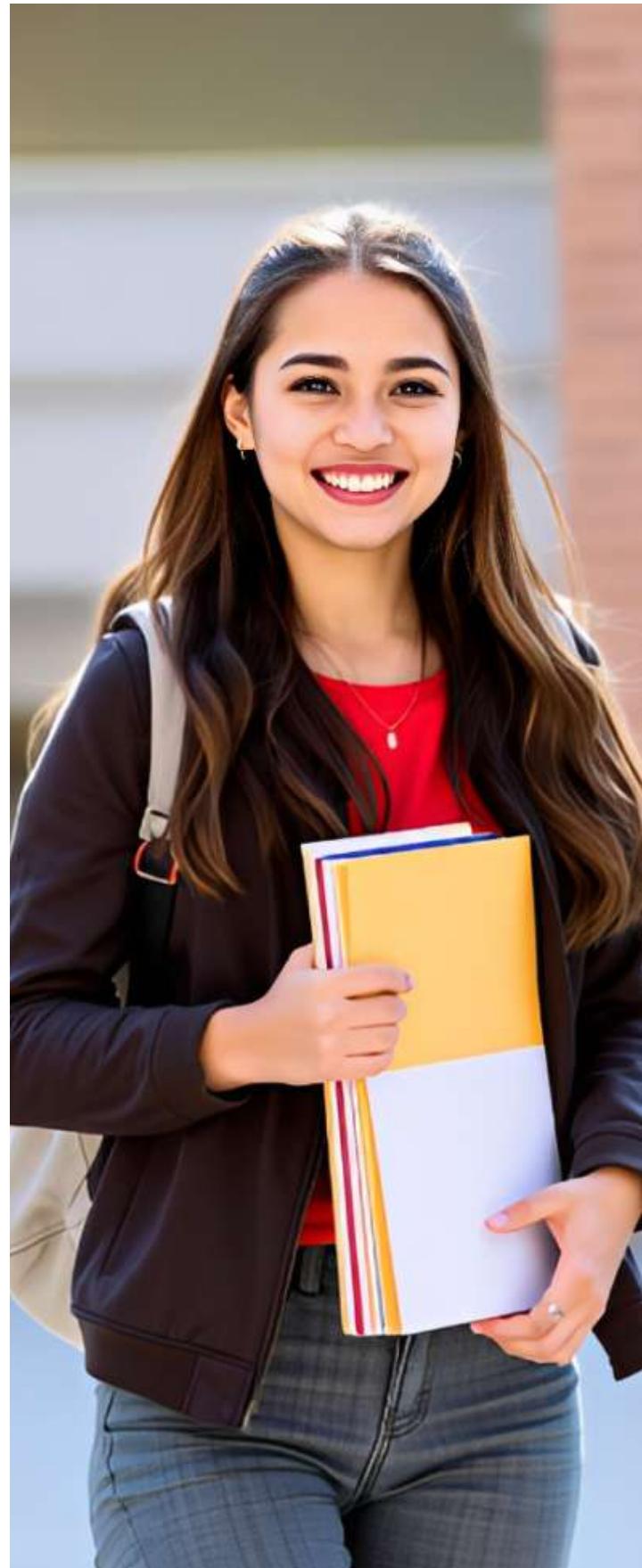
✓ **EMERGING TECHNOLOGY FOCUS**

AI, ML, Data Science, Cloud, Cybersecurity and Generative AI integrated into the curriculum.
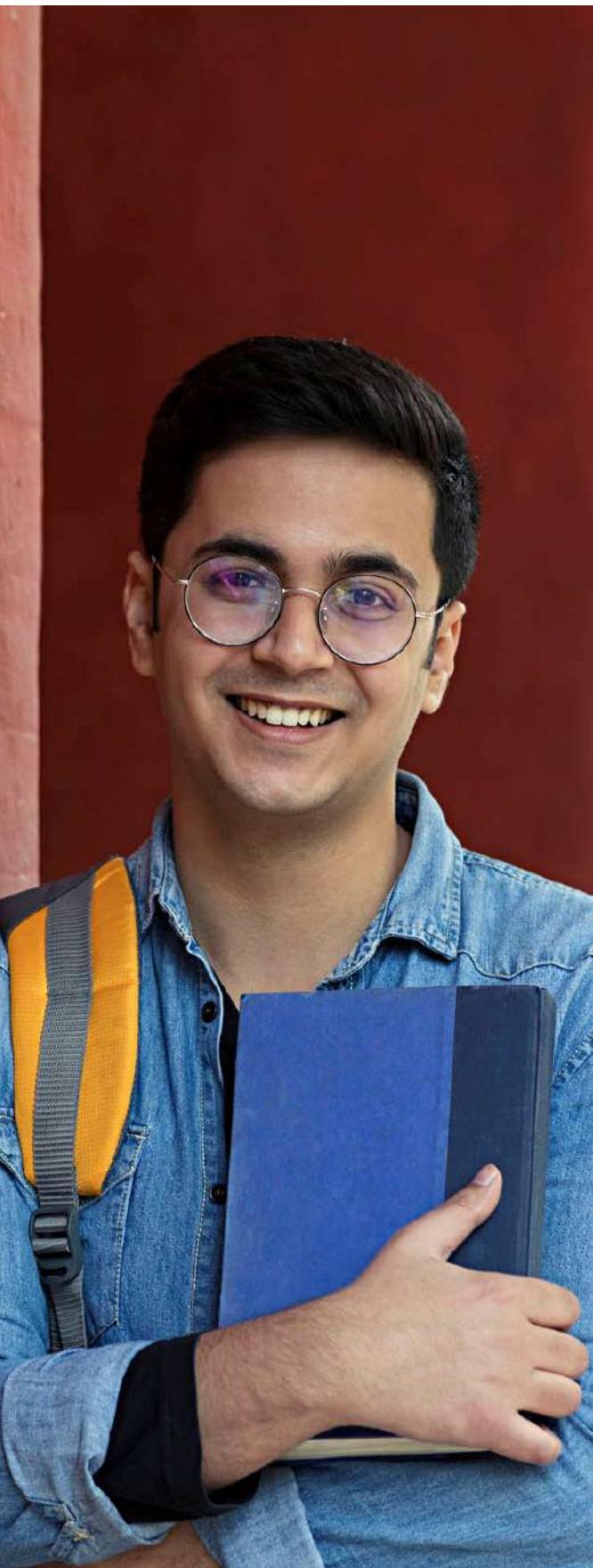
✓ **MENTORSHIP; SKILL DEVELOPMENT**

Small class sizes, faculty mentoring, coding guidance and career counselling.

✓ **WORLD-CLASS MODERN CAMPUS**

Modern labs, Wi-Fi enabled classrooms, safe fully Modern environment.

WHY STUDY
B.TECH CSE AT KKMU?

WHAT STUDENTS GET

Strong coding; software ◄
development foundation
Exposure to emerging technologies ◄
Hands-on labs, internships ◄
projects
Career readiness for IT; tech roles ◄

WHAT PARENTS VALUE

Safe, disciplined residential campus ◄
Career-oriented engineering education ◄
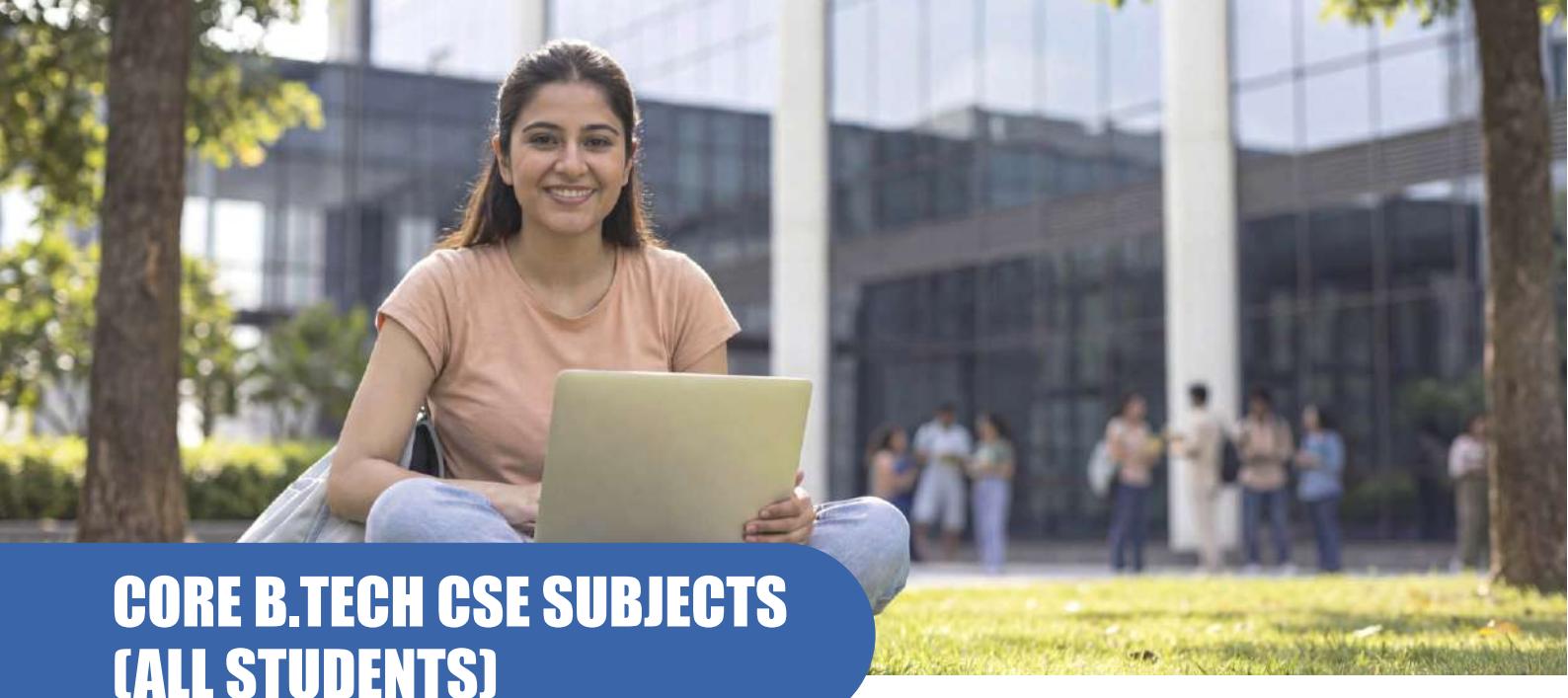Strong academic governance ◄
Modi Group legacy; ethical values ◄

PROGRAMME OVERVIEW

Degree Awarded: ◄
Bachelor of Technology (B. Tech CSE)
Specialisation: ◄
Computer Science & Engineering
Duration: 4 Years | 8 Semesters ◄
Mode: Full-Time | On-Campus ◄
Eligibility: 12th Pass with PCM/PCB or Equal ◄

LIBERAL ARTS & LIFE SKILLS FOUNDATION

AT KKMU, COMPUTER ENGINEERING EDUCATION
IS SUPPORTED BY STRONG COMMUNICATION,
THINKING, AND LIFE SKILLS.

The Art of Conversation I ◄
Business Communication ◄
Critical and Creative Thinking Skills ◄
Indian Traditions and Value ◄
Art of Being Happy ◄
Business Mathematics and Logics ◄

CORE B.TECH CSE SUBJECTS (ALL STUDENTS)

INTRODUCTION TO ARTIFICIAL INTELLIGENCE & MACHINE LEARNING USING GENERATIVE AI

- Cloud Computing Fundamentals
- Data Communication and Computer Networks
- Database Management Systems
- Introduction to Operations Systems
- Fundamentals of Computer Science using Generative AI
- Embedded Systems
- Computer Architecture
- Wireless Communication
- Information Security Fundamentals
- Engineering Mathematics
- Discrete Mathematics
- Design Thinking
- Python Programming using Generative AI
- Data Structures and Algorithms using Generative AI
- Object Oriented Programming using C++
- Software Engineering and Web Development using Generative AI
- Quantitative Methods for Decision Making
- Business Research
- Financial Engineering using Python
- Quantum Computing

PROFESSIONAL CORE & CERTIFICATIONS

- Environmental Science & Corporate Sustainability
- Skills for Life long Learning
- Data Analysis using MS Office
- Digital Marketing Certification
- Positive Intelligence
- Harvard Certification – Ethics at Work
- Certification in IOT
- Certification in JAVA Programming
- Some Specialisation Highlights
- Artificial Intelligence & Machine Learning
- Machine Learning using Generative AI
- Deep Learning using Generative AI
- Computational Linguistics and Natural Language Processing using Generative AI
- Pattern and Anomaly Detection using Generative AI
- Application Of Machine Learning in Industries
- Predictive Analytics using Generative AI

Careers: AI Engineer, Machine Learning Engineer, Generative AI Specialist, Data Scientist

DATA SCIENCE

- *Data Science: An Introduction*
- *Big Data Analytics*
- *Machine Learning using Generative AI*
- *Deep Learning using Generative AI*
- *Computational Linguistics and Natural Language Processing using Generative AI*
- *Analytics and ML in Financial Services Analytics*

Careers: Data Analyst, Business Intelligence Analyst, Data Scientist

CYBER SECURITY AND DIGITAL FORENSIC

- *Physical & IT System Security*
- *IT Application Security*
- *IT Data Security*
- *IT Network Security*
- *Ethical Hacking and Penetration Testing*
- *Digital Forensic*

Careers: IT Security Analyst, System Security Engineer, Application Security Specialist

HEALTHCARE INFORMATICS

- *Fundamentals of Healthcare Informatics*
- *Healthcare Delivery Models and Processes*
- *Healthcare Standards & Quality Assurance*
- *Analytics for Healthcare*
- *Knowledge Management in Healthcare Informatics*
- *Health work flow process analysis*

Careers: Healthcare IT Analyst, Quality Assurance Analyst, Workflow Analyst
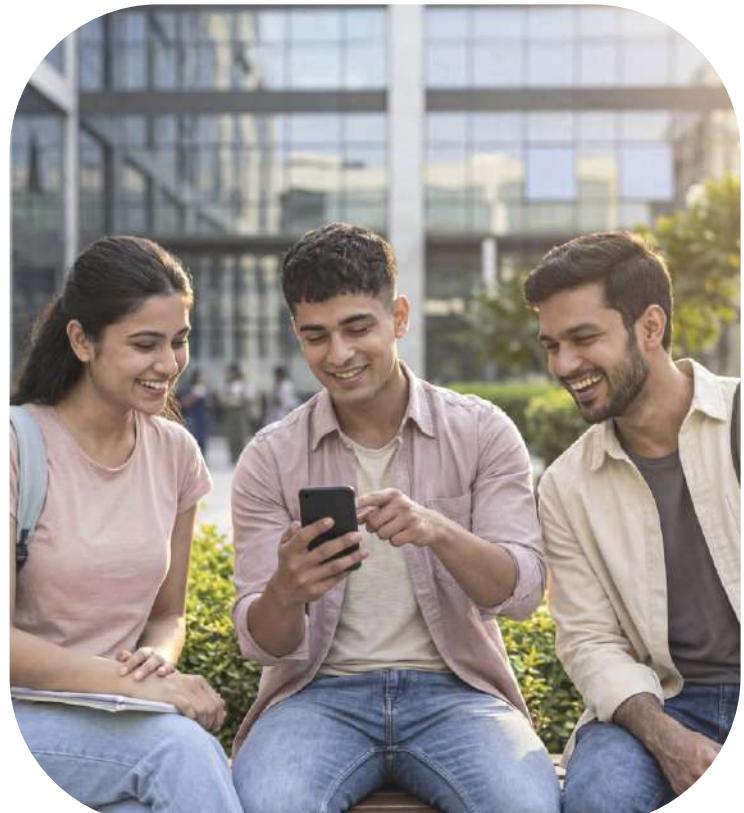
CLOUD COMPUTING AND VIRTUALIZATION

- *Cloud Computing Architecture*
- *Cloud Computing Deployment Models*
- *Container Orchestration and Infrastructure Automation*
- *Security in Cloud*
- *Managing the Cloud*
- *Cloud Performance Tuning*

Careers: Cloud Solutions Architect, Cloud Engineer, Cloud Consultant, Security Analyst

INFORMATIONAL TECHNOLOGY

- *Information Systems Management*
- *Network Administration:*
- *Software Development, Engineering Systems Web and Application Developments*
- *Cybersecurity, Digital Forensic and System*
- *Security*
- *Information Technology Entrepreneurship*

Careers: IT Manager, Network Administrator, Systems Analyst, Infrastructure Manager.

KKMU B.TECH CSE vs TRADITIONAL ENGINEERING COLLEGES

Feature	KKMU B.Tech CSE	Traditional Engineering
Curriculum	Industrial & Skill - Oriented	Theory - heavy
Practical Exposure	High (Labs, Projects, Internship)	Limited
Emerging Tech	AI, ML, Cloud, Cybersecurity	Minimal
Internships	7.5 months embedded & guided	Optional
Class Strength	Small batches	Large batches
Career Readiness	Job and higher studies ready	Exam focused

STUDENT CLUBS &
CAMPUS LIFE

- ▸ *Coding & Developer Club*
- ▸ *AI & Data Science Club*
- ▸ *Cybersecurity Club*
- ▸ *Innovation & Startup Cell*
- ▸ *Sports, Cultural & Tech Events*

CHOOSING THE RIGHT
COMPUTING PATHWAY AT KKMU

KK Modi University offers multiple undergraduate pathways in computing and technology to suit different academic backgrounds, learning styles, career aspirations.

▸ *B.Tech CSE is ideal for students seeking a strong engineering foundation, advanced technologies, long-duration internships and high-growth technical careers.*

▸ *B.Sc. Computer Science is suited for students interested in core computing concepts, programming fundamentals, and academic or applied IT roles.*

▸ *BCA (Bachelor of Computer Applications) is designed for students looking for a practical, application-oriented entry into the IT and software industry.*

Students who are unsure about the most suitable pathway are encouraged to speak with KKMU academic counsellors for personalised guidance based on aptitude, eligibility and long-term career goals.

CAREER OUTCOMES AFTER
B.TECH CSE @ KKMU

CAREER ROLES

- ▸ *Software Engineer / Developer*
- ▸ *Data Analyst / Data Scientist*
- ▸ *AI / ML Engineer*
- ▸ *Cloud Engineer*
- ▸ *Cyber Security Analyst*
- ▸ *IT Consultant*

CAREER PATHWAYS

- ▸ *IT & Technology Companies*
- ▸ *Startups & Innovation Labs*
- ▸ *Government & PSU Roles*
- ▸ *Higher Studies (M.Tech / MS / MBA)*
- ▸ *Entrepreneurship & Freelancing*

Aman Pandey

Magure Software Pvt. Ltd.
Associate AI Engineer
5 LPA

The B.Tech CSE programme at KKMU gave me strong coding skills, real-world project exposure and industry readiness. The practical learning environment helped me confidently start my career.

B.Tech - AI / ML
Class XII - Kendriya Vidyalaya, Jagdalpur

Siddharth Sahu

MedPlus Health Services Limited
Data Analyst
4 LPA

Working on real datasets, analytics tools and projects during the B.Tech CSE programme gave me strong analytical confidence.

B.Tech - AI / ML
Class XII - Kendriya Vidyalaya, Durg

CAREER SERVICE PLACEMENT
SUCCESS STORIES

PULKIT SAHU

Xtention Crew Tech, Raipur
Python Developer
Class XII, Kendriya Vidyalaya, Durg

The strong programming foundation, data structures training & live projects at KKMU prepared me well for a Python Developer role.

CAREER SERVICE INTERNSHIP
SUCCESS STORIES

MOHAMMAD NOAMAAN ASHRAF

AugTech Next Wealth Pvt Ltd, Bhilai
B.Tech CSE

My internship helped me apply coding concepts to real software development projects and understand industry workflows.

DEEPESH GUPTA

Andovar(A Thailand Based Company)
B.Tech CSE – AI & ML

Working on AI models and datasets during my internship strengthened my technical and problem-solving skills.

DEEP CHANDRAKAR

Shree Tech Solutions, Delhi
B.Tech CSE – Cyber Security

My internship helped me understand real-world cybersecurity threats, tools and best practices.

CAREER SERVICE INTERNSHIP SUCCESS STORIES

DILPREET SINGH

Indian Institute Technology (IIT) Ropad,
B.Tech CSE - AI & ML

"I consistently demonstrated strong discipline and professionalism throughout my tenure. My communication was clear and effective, and I executed tasks with reliability and efficiency. Overall, my performance during this period was commendable and reflected a responsible and dependable work ethic."

ABHYUDAYA SHUKLA

Stage Technologies Private Limited, Noida
B.Tech CSE – AI & ML

I delivered production-grade generative AI systems at STAGE Technologies, building a RAG-based Prompt Engineer prototype and contributing to responsible AI architecture with strong ownership and execution.

AFREEN BANO

Ginfomedia Solutions, Mumbai.
B.Tech CSE – AI & ML

I gained valuable hands-on experience in ERPNext and Python while working on a real - world Gate Pass Management System. The project helped me understand enterprise workflows, security, and automation. This internship greatly strengthened my technical and professional skills.

ELIGIBILITY & ADMISSION

HOW TO JOIN KK MODI UNIVERSITY IN 2 SIMPLE STEPS

APPLICATION

Apply online and pay the ₹450 application fee. admissions.kkmu.edu.in

HARVARD MANAGEMENTOR® ACCESS

Free certification to Harvard Presentation Skills or Harvard Decision Making.

REGISTRATION

Confirm admission with ₹ 10,000 registration fee. admissions.kkmu.edu.in

SCHOLARSHIPS

▸ *Merit-Based Scholarships*
▸ *Need-Based Financial Assistance*

REGISTRATION

▸ *Safe, fully residential campus*
▸ *Strong academic governance*
▸ *Industry-linked engineering curriculum*
▸ *Ethical foundation & values*
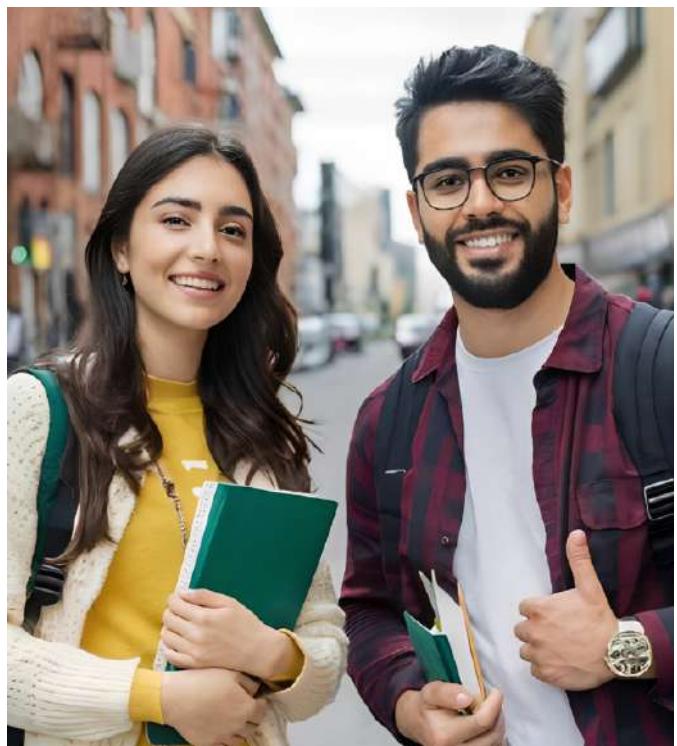▸ *Career-focused learning outcomes*

KK MODI
UNIVERSITY

"A World Class Career University with a Soul"

CONTACT

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