



SOMAIYA
VIDYAVIHAR

K J Somaiya Institute of Technology



Crafting Engineers,
Building Leaders

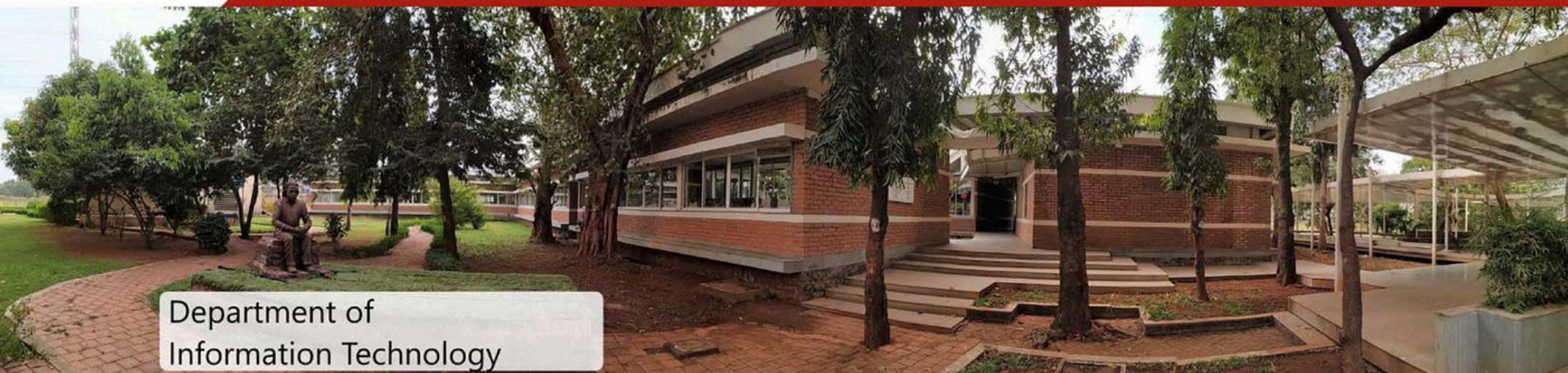


- An Autonomous Institute Permanently Affiliated to the University of Mumbai
- Approved by All India Council for Technical Education (AICTE), New Delhi
- Recognized by Directorate of Technical Education (DTE), Government of Maharashtra
- Accredited with 'A' Grade (3.21 CGPA) by the National Assessment and Accreditation Council (NAAC)
- Best College Award by University of Mumbai (Urban Region), Indian Society for Technical Education (ISTE) - MH Section, Computer Society of India (CSI) - Mumbai Region
- Top Rated Institution's Innovation Council (IIC) by MoE's Innovation Cell (MIC) since 2018

BROCHURE *Academic Year* **2026-27**

Department of Information Technology

Program: B.Tech. (Information Technology)
Intake: 120



Department of
Information Technology

Department of Information Technology

DIFFERENTIATORS - WHY CHOOSE INFORMATION TECHNOLOGY?

- ✓ Variety & Flexibility in Career Paths
- ✓ Strong Software Development Foundation
- ✓ Wide Range of Emerging Technology Specializations
- ✓ Opportunities Across Diverse Industries
- ✓ Strong Practical & Industry Applications
- ✓ Continuously Evolving Field
- ✓ High Demand Across Industries
- ✓ Global Career Opportunities
- ✓ High-Paying Jobs in MNCs
- ✓ Research, Innovation & Start-up Opportunities

Core Branch –
*Provides
Broader
Knowledge
for
Stability
Amidst
Changing
Technological
Trends*

Department of Information Technology

VISION

To be recognized as a centre of excellence in the field of Information Technology where inquisitive minds of students are fostered, leading to skilled professionals and contributing citizens.

MISSION

- ✓ *To produce industry ready engineers by imparting quality education and enhancing their proficiency with strong engineering foundation and in-depth knowledge of Information Technology.*
- ✓ *To encourage curiosity, creativity, innovative thinking, culture of continuous learning and multidisciplinary activities for developing state-of-the-art solutions to real-world problems.*
- ✓ *To serve humanity by creating socially responsible citizens with high ethical values who can communicate effectively and work independently or in groups.*

PROGRAM EDUCATIONAL OBJECTIVES

- ✓ *Graduates will be able to apply knowledge of engineering fundamentals and cutting edge Information Technology to identify and implement innovative solutions for engineering problems and issues in society.*
- ✓ *Graduates will be able to exhibit their employability skills and practice the ethics of their profession with a sense of social responsibility.*
- ✓ *Graduates will have strong interpersonal skills and will engage in lifelong learning to enhance their career positions, both as team members and leaders.*

PROGRAM SPECIFIC OUTCOMES

- ✓ *Graduates will be able to apply standard software engineering practices in real-world project development to deliver efficient, secure and novel solutions.*
- ✓ *Graduates will be able to apply the contemporary trends in Information Technology like Internet of Things and Data Science in diverse application areas.*

Department of Information Technology

INFRASTRUCTURE



Inspiring Ambience and State-of-the-Art Laboratories for Studying Cutting-Edge Technologies

Department of Information Technology

CURRICULUM ALIGNED WITH CURRENT AND FUTURISTIC JOB DEMANDS

Best Career
Opportunities in IT

Courses in B.Tech.(IT)
Curriculum of KJSIT



NEP 2020

Aligned Curriculum

Multidisciplinary

Minor in

Biomedical

Engineering,

Innovation and

Entrepreneurship,

Internet of

Things

Additional

Honors Programs in

Internet of Things,

Artificial Intelligence

& Machine Learning,

Cybersecurity,

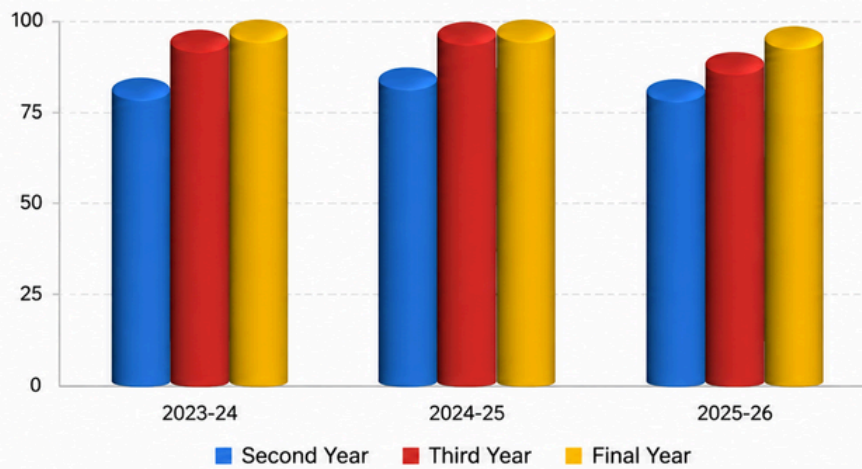
Data Science,

Blockchain

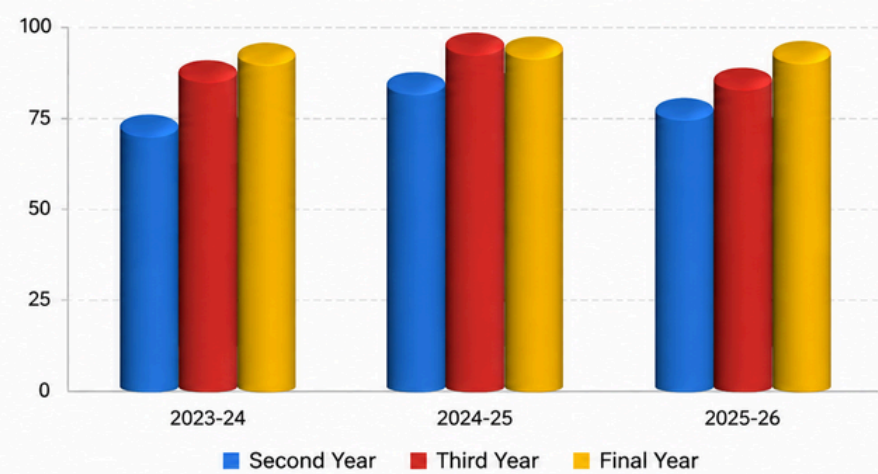
Department of Information Technology

CURRICULAR: BEST PRACTICES AND OUTCOMES

Passing Percentage of Students



Percentage of Students with Distinction



- Outcome-based Education
- Project-based Learning
- Skill-based Learning
- Continuous Assessment Approach

- Innovative Pedagogical Methods
- Technology-based Learning
- Activity-based Learning
- Modern Learner-Centric Assignments

AI Use Case Based Teaching Methodology



Real-world AI Use Cases integrated across courses



Problem-driven learning for practical applications



Interdisciplinary approach across multiple engineering domains



Industry-relevant skills through hands-on AI projects



Integration of Multiple Technologies to Solve a Single Problem

REAL-WORLD IMPACT ACROSS DIVERSE DOMAINS



CLIMATE & WEATHER



AGRICULTURE



HEALTHCARE



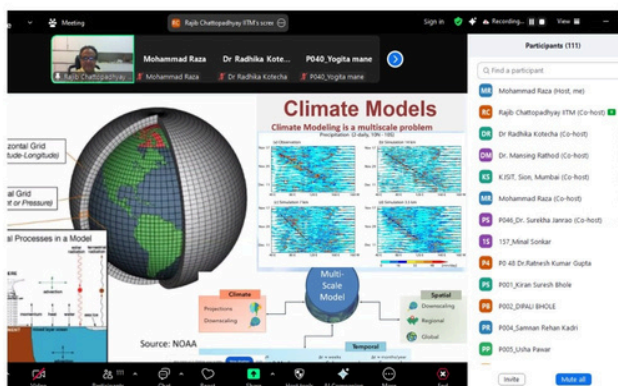
SPACE TECHNOLOGY



ELECTRIC VEHICLES (EVs)

Department of Information Technology

CO-CURRICULAR ACTIVITIES



Internships, Workshops, Training Programs, Certification Courses, Industrial Visits, Technical Activities and Competitions through Computer Society of India, Institution's Innovation Council, etc. for Enhancing Proficiency of Students

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CO-CURRICULAR ACTIVITIES



Bootcamps, Hackathons, and Research & Innovation Exhibitions

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EXTRA-CURRICULAR ACTIVITIES



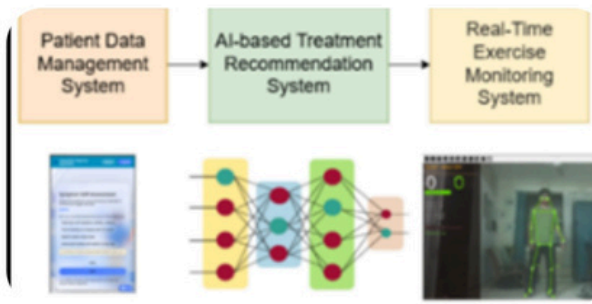
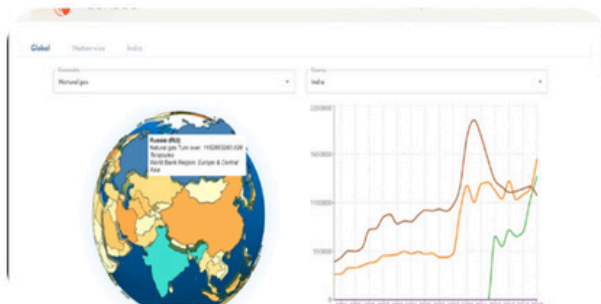
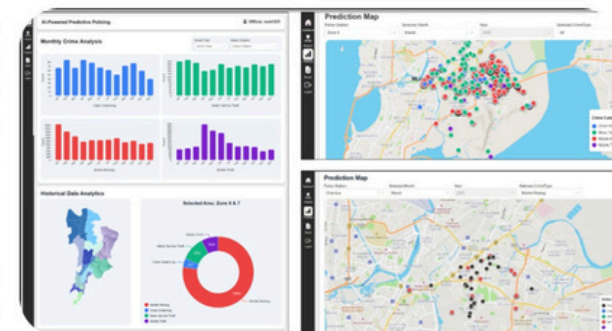
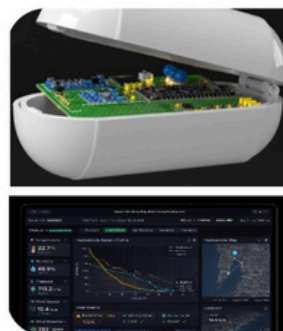
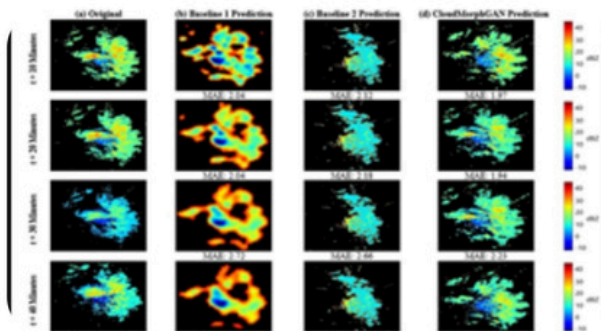
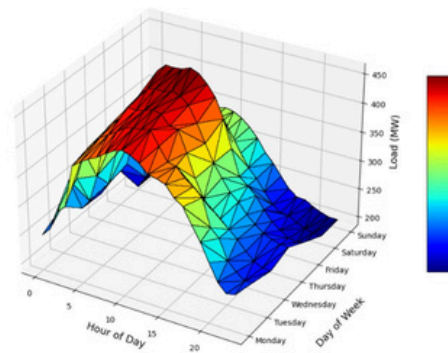
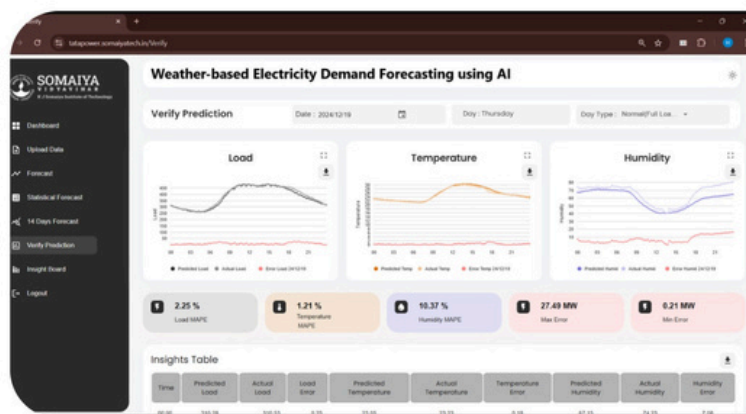
**Elocution, Debates, Motivation Talks, Sports & Cultural Activities
For All-Round Development of Studies**

Department of Information Technology

RESEARCH AND DEVELOPMENT

Technology Focus:

Artificial Intelligence Machine Learning Internet of Things Cyber Security Blockchain



Research Collaborations:

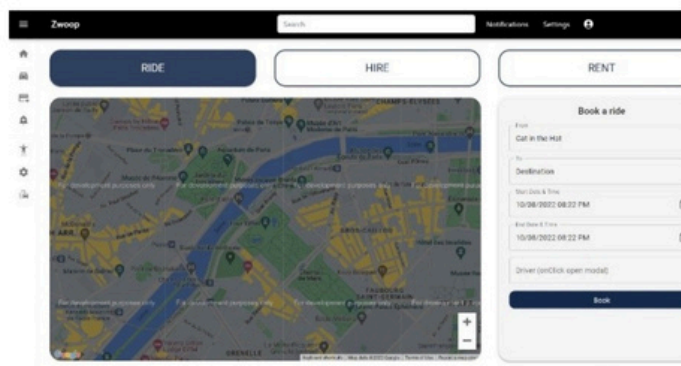
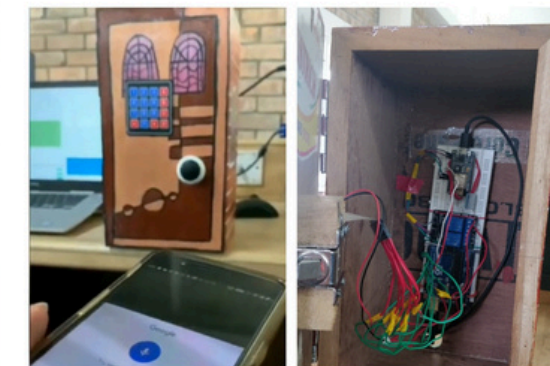
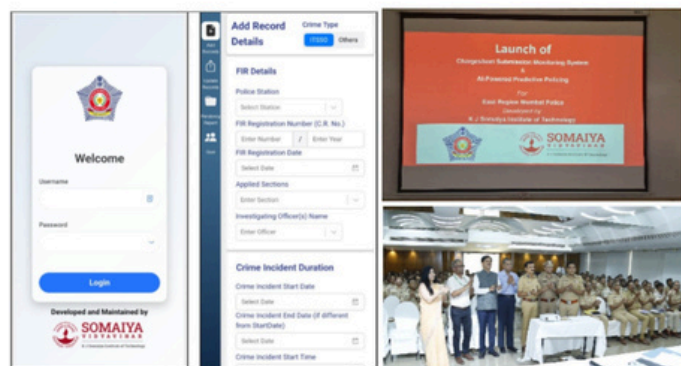
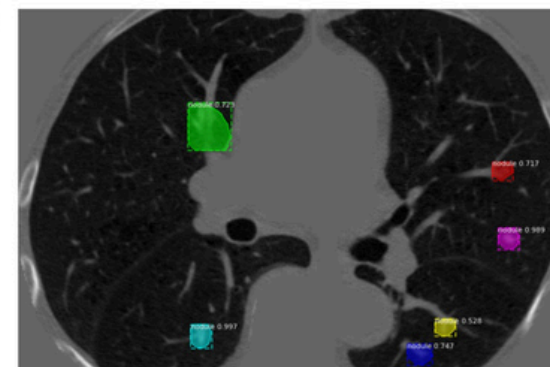
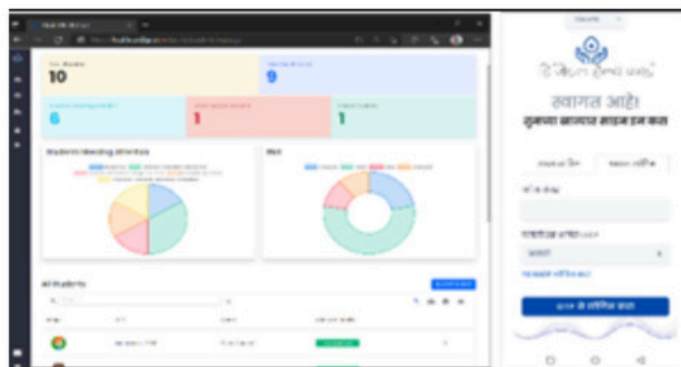
- India Meteorological Department, Mumbai - Pune
- Myraa Technologies International
- K J Somaiya College of Physiotherapy
- Indian Institute of Space Science & Technology, Thiruvananthapuram
- Indian Institute of Tropical Meteorology, Pune
- Databyte Systems and Services, Mumbai
- Western Region Load Despatch Center, Mumbai
- Tata Power, Mumbai
- And More*

Department of Information Technology

INNOVATION AND AUTOMATION

Technological Focus:

ICT Hybridization with Emerging Areas of Technology



Beneficiaries:

- Indian Society for Technological Education
- Mumbai Police
- Schools of Somaiya Trust

- Gaushalas
- Health Officers
- Institute Faculties and Students

And Society at Large

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BEST PRACTICES FOR PLACEMENT SUPPORT

- *Finishing School*
- *Aptitude Practice Test Series*
- *Competitive Programming Practice*
- *Weekly Training & Placement Guidance Sessions*
- *Mock Interviews*
- *Learning from Industry Experts*
- *Alumni Mentoring for Placement Preparation*
- *Internships*
- *Live Industry Projects*
- *And Many More*

Recruiters - On-campus & Off-campus:



Highest Salary Offered:
INR 30.00 Lakhs

Average Salary Offered:
INR 6.00 Lakhs

And Many More...



SOMAIYA
VIDYAVIHAR

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Crafting Engineers,
Building Leaders



Department of Information Technology

MENTORING FOR HIGHER STUDIES

- *Seminars on Higher Education Opportunities*
- *Sessions by Foreign University Representatives*
- *Guidance for GRE, GATE, CAT, TOEFL and Other Competitive Exams*
- *Mock Tests & Portfolio Building Workshops*
- *Admission Guidance for Indian & International Universities*
- *Alumni Mentorship for Higher Studies*

Admissions in Universities:

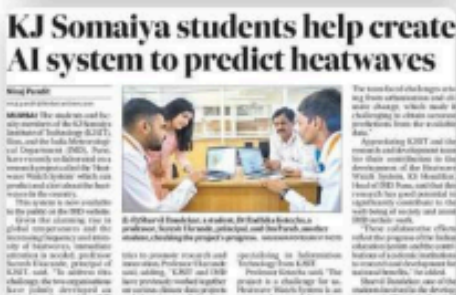
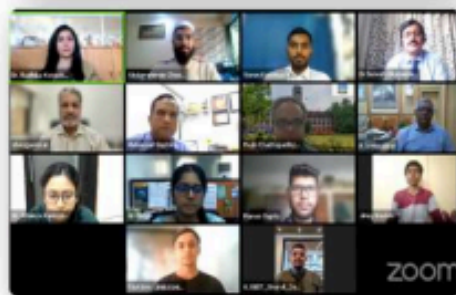


NEW YORK UNIVERSITY



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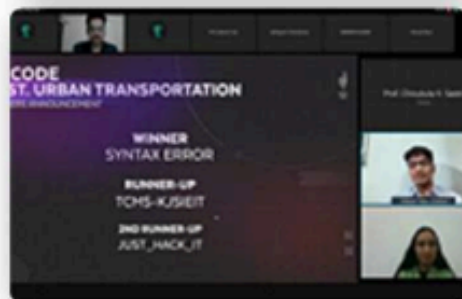
GLIMPSES OF STUDENTS' ACHIEVEMENTS-I



Outcome of Holistic Development Approach

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GLIMPSES OF STUDENTS' ACHIEVEMENTS-II



Recognitions from AICTE, Ministry of HRD, ISRO, NASA, Somaiya Trust, University of Mumbai, Indian Society of Technical Education, Computer Society of India, Institution of Engineering and Technology, etc.

Department of Information Technology

GLIMPSES OF FACULTY ACHIEVEMENTS

**Dynamic Faculty and Staff with Expertise in AI, ML, IoT, Blockchain, Cloud Computing, etc.:
8 Ph.D. Holders, 8 Faculty Members Pursuing Ph.D., and 5 Supporting Technical Staff**



**Recognitions at Institute, State, and National Level for Contributions towards
Education, Innovation and Student Development;
Grants for Major Research, Consultancy Services, and FDP & Conference Organization**

Department of Information Technology

DISTINGUISHED ALUMNI



Ms. Kshitija Dharwadkar,
Principal Software Engineer,
Morgan Stanley, India



Mr. Darshil Sanghavi
Cyber Resilience Expert,
NTT DATA, India



Mr. Rajat Malviya
Staff Engineer AI/ML,
Nagarro, India



Mr. Paras Chavda
Data Engineer,
Google, India



Mr. Parth Maniar
Senior Software Engineer,
Alto Neuroscience, US



Ms. Shreya Singh
AI Infra Product Manager,
Cisco, US



Mr. Saj Maru
Data Scientist,
Walmart, US



Mr. Sahil More
Principal Software Engineer,
Flipkart, India



Mr. Sharvil Dandekar
Capabilities & Insights Analyst,
McKinsey & Company, India



Mr. Ritesh Kumar Pandey
Data Scientist,
Blinkit, India



Mr. Dhrumil Vora
Data Scientist,
McKinsey & Company, India



Ms. Janhavi Obhan
Product Manager,
iTradeNetwork, US

Department of Information Technology

INDUSTRY INTERACTION



Collaboration for Projects, Internships, and Mentoring by Industry Experts:

- Microsoft India
- Google
- NVIDIA
- Qualcomm
- Reliance
- IBM
- Amazon
- Deloitte
- Citi
- Accenture
- Tata Consultancy Services
- BNP Paribas
- Oracle
- Myraa Technologies
- And More

Department of Information Technology



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Dr. Radhika Kotecha

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Web: <https://department.kjsieit.in/it/>

Connect with Us:

<https://www.linkedin.com/school/kjsit>

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Maharashtra, India

Principal:

Dr. Vivek Sunnapwar

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