Department of Computer Science and Engineering

The Department of Computer Science and Engineering was established in the year 2021 with the aim to provide students with the necessary skills to excel in the rapidly evolving tech industry. The department consists of 14+ faculty members, 3 technical assistants and more than 220 students working towards their Bachelors', Masters' and Doctoral degrees. The department attracts high quality students from all over Maharashtra and also from other parts of the country. In the recent past, we have benchmarked our curriculum with select institutions of higher learning around the world and currently we are carefully reviewing the impact of these consequent changes with a view to make our programs even more strong and competitive. The intake capacity of the department is 120 students.

Programs and Intake offered:

Undergraduate
120 students+
10% lateral entry
Bachelor of Technology
(B.Tech.)
Duration: 4 years

Vision:
To develop globally competent and ethical professionals in the field of Computer Science & Engineering and enable them to serve industry and society at large.

Mission:
- To provide rigorous and interdisciplinary education
- To foster ethical and socially responsible Computer professionals
- To promote cutting-edge research and innovations.

Faculty Strength:

The department, currently, consists of 08 highly qualified, dedicated and sincere teaching faculty members. There are 02 faculty members who are doctorate in their respective academic field and 05 faculty members are pursuing Ph.D.

Departments Labs

The department has the following well-equipped labs with advanced computers and software.

- Computer Network Lab (Room 404)
- Database Management Lab (Room 406-A)
- Software Engineering Lab (Room 406-B)
- Operating System Lab Lab (Room 408)
- Project Lab (Room 410-A)
- Programming Cloud Computing Lab (Room 410-B)
- Research & Development Lab (Room 410-C)

Dr. Pooja Raundale
Dean, Quality Assurance,
MCA/CSE Department

Career Opportunities for Students

Graduates from this department will have a deep understanding of both the theoretical and practical aspects of computer science and engineering. They will be well equipped with a broad range of skills that can be applied in many industries, including tech, finance, healthcare, transportation, entertainment, etc. The department offers a comprehensive curriculum that includes both theoretical and practical courses, making it a highly sought-after field of study. The department 's graduates have a wide range of career opportunities in various industries, and their skills are essential to the development of new technologies that drive innovation.

Computer Science and Engineering
Head of the Department:
Dr. Dhananjay Kalbande
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Masters in Computer Application (MCA)

S.P.I.T. is one of the most sought colleges by students for MCA and is renowned for its ongoing course from 2009 - the year it was established. Though started in the year 2009, the course has managed to excel quickly. With the highest cutoff this year, the course has proven its phenomenal growth. The course has an intake of 60 seats.

Master of Computer Applications (MCA) is a full time two year interdisciplinary Post Graduate Programme with 6 month internships designed to meet the demand of manpower in the field of computer applications/technology in industries or organizations.

Programs and Intake offered:

Postgraduate
60 students+
20% lateral entry

Masters in Computer Application
(MCA)
Duration: 2 years

Ph.D.
10 students

Doctor of Philosophy
(Ph.D.)
Duration: 3 years

Publications:

Conference	Research Journals
21	13

Grants:

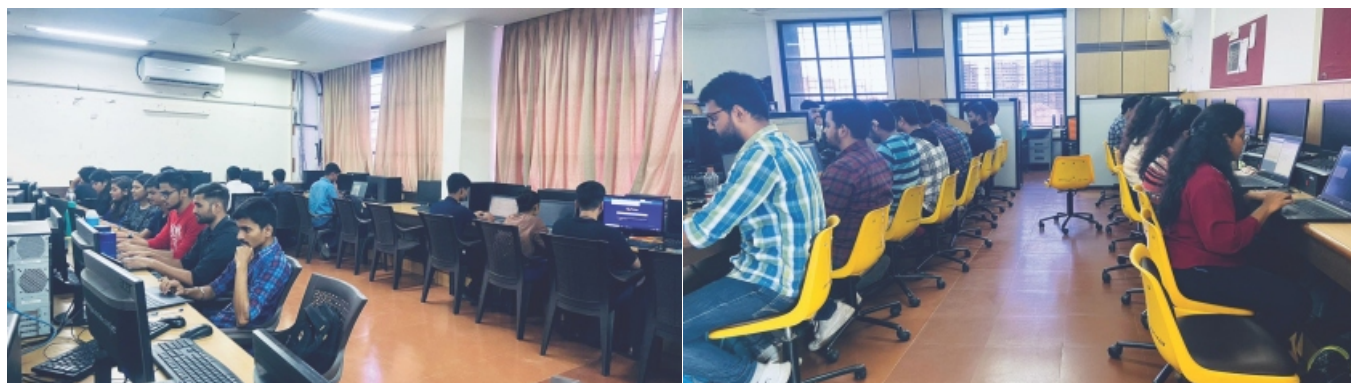| Applied	Received
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Departments Labs

The department has the following well-equipped labs with advanced computers and software.

- (Room 402-A)
- (Room 402-B)
- (Room 403-A)
- (Room 403-B)
- (Room 702-A)

Achievements of the Department

- Dr. D. R. Kalbande Published a Patent Title of the Invention: Ai Powered Single Switch Based Remote Health Monitoring System for Elderly, Application No. 202321008008 dated 08/02/2023.
- Dr. D. R. Kalbande received Patent grant for Auto Walas : an app for vehicle management
- Dr. D. R. Kalbande have received IDEA LAB Research Grant worth Rs. 15 Lakh

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Career Opportunities for Students

The department recently proposed two new tracks along with Data Science & Software Testing as thread electives named Design and Full stack for MCA. Full-stack development is a highly sought-after skill in the tech industry. With the ever-increasing demand for web applications, full-stack developers are in high demand. UI/UX design is a good career choice for the future for several reasons: Growing Demand: With the increasing use of technology and the internet, the demand for user-friendly and intuitive digital products has never been higher, driving demand for skilled UI/UX designers. MCA Programme curriculum has all the latest technologies and emerging areas such as Artificial Intelligence, Machine Learning, Deep Learning, Blockchain, etc.

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