



R. C. PATEL
INSTITUTE OF TECHNOLOGY
An Autonomous Institute

Department of Computer Engineering

Vision of the Institute

Fostering technical excellence through ethics, sustainable education, innovation and research.

Mission of the Institute

To impart high quality Technical Education through:

- M1.** Innovative and Interactive learning process and high quality, globally recognized instructional programs.
- M2.** Fostering a collaborative scientific temper among students with ethical responsibility towards the society.
- M3.** Preparing students from diverse backgrounds to have aptitude for employment, entrepreneurship and research with a spirit of Professionalism.
- M4.** To contribute to nation's sustainable development.

Vision of the Department

To provide high quality Computer Engineering education with socio-moral values.

Mission of the Department

- M1** To provide state-of-the-art ICT based teaching-learning process.
- M2** To groom the students to become professionally sound computer engineers to meet emerging needs of industry and society.
- M3** To make the students employable professionals by inculcating ethical values.

Program Educational Objectives (PEOs) of the Department

- PEO1** Graduates will have technical proficiency, lifelong learning skills to become a professional, entrepreneur and leader.
- PEO2** Graduates will function effectively in diverse cultural and professional environments, respecting societal perspectives and inclusive practices.
- PEO3** To foster ethical and social values to be socially responsible human being.



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Program Specific Outcomes (PSOs)

PSO 1 Apply programming principles, algorithms, and data structures to design efficient software solutions and intelligent systems using structured, object-oriented, and emerging technologies.

PSO 2 Design, develop, and deploy responsive web and mobile applications integrated with databases and cloud platforms, leveraging modern frameworks and tools for digital transformation.