PROGRAM SPECIFIC OUTCOMES (PSOs)

Department of Civil Engineering

1. Civil Engineering Knowledge: Analyse & design solutions to complex problems by applying fundamentals of sciences and civil engineering in one or more of its major areas such as structural, geo-technical, water resources, transportation and environmental engineering.
2. Conduct investigations of complex civil engineering problems: Use modern techniques and tools to design and conduct experiments, prepare and interpret plans and reports with valid conclusions and recommendations.
3. Civil engineer and society: Develop civil engineering solutions based on societal, health, safety, legal, cultural and environmental considerations for sustainable development.

Department of Computer Science & Engineering

1. Programming and software Development skills: Ability to acquire programming efficiency to analyze, design and develop optimal solutions, apply standard practices in software project development to deliver quality software product.
2. Computer Science Specific Skills: Ability to formulate, simulate and use knowledge in various domains like data engineering, image processing and information and network security, artificial intelligence etc., and provide solutions to new ideas and innovations.

Department of Electrical and Electronics Engineering

1. Design modern power system components to meet the identified needs within economical and environmental constraints.
2. Design, simulation, fabrication and testing of power switching devices, electrical drives and their control for industrial and research applications.

Department of Electronics & Communication Engineering

1. Design & Implement several Image & signal processing techniques using modern tools.
2. Design and analyze Communication systems using emerging techniques.
3. Solve real time problems with expertise in Embedded Systems.

Department of Mechanical Engineering

1. The student will be able to apply the principles of mathematics, sciences and engineering fundamentals to formulate, review & analyze the problems in the fields of manufacturing and machine design.
2. The student will be able to develop solutions through experimental investigation & simulation using modern software tools & further analyze the data obtained to arrive at valid conclusions in manufacturing & machine design streams.

Master of Business Administration

1. To equip the students with requisite knowledge, skills &right attitude necessary to provide effective leadership in a global environment.
2. To develop competent management professionals with strong ethical values, capable of assuming a pivotal role in various sectors of the Indian Economy &Society, aligned with the national priorities.
3. To develop proactive thinking so as to perform effectively in the dynamic socio-economic and business ecosystem.
4. To harness entrepreneurial approach and skill sets.