



**CYCLE 1  
NAAC Accreditation 2023**

## Programme Educational Objectives

*Submitted to*



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**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**

**PROGRAMME EDUCATIONAL OBJECTIVES**  
**DEGREE ENGINEERING**

**CIVIL ENGINEERING**

**PEO-1:**

To provide students with a sound foundation in the mathematical, scientific and engineering fundamentals necessary to formulate, solve and analyze engineering problems and to pursue higher studies.

**PEO-II:**

To explore and apply the modern engineering tools for planning, design, execution and maintenance of works that is technically viable, economically and socially acceptable

**PEO-III**

To apply acquired skills in developing safe, sustainable, economical and environmentally sound solutions to civil engineering problems either within the profession or through post-graduate research.

**MECHANICAL ENGINEERING**

**PEO-I**

To apply the overall knowledge of Mechanical Engineering along with concepts of Mathematics, Science, Communication and Computing skills to understand specific problem areas and finding the optimal solutions for the same.

**PEO-II**

To Develop the ability of modelling & analytical skills for problem solving and decision making to deal with latest technological challenges in industry and Research.

**PEO-III**

To Undertake challenges in design and development related to mechanical engineering put forth by academia and industry.



**S.P.B. PATEL  
ENGINEERING COLLEGE**  
SAFFRONY INSTITUTE OF TECHNOLOGY CAMPUS

## **COMPUTER ENGINEERING**

### **PEO-I**

To provide graduating students with core competencies by strengthening their mathematical, scientific and basic engineering fundamentals.

### **PEO-II**

To be Proficient in successfully designing innovative solutions to real life problems that are technically sound, economically viable and socially acceptable.

### **PEO-III**

To inculcate a passion towards higher education, research and lifelong learning in the field of Computer Science and Engineering.

## **INFORMATION TECHNOLOGY**

### **PEO-I**

To provide graduating students with core competencies by strengthening their mathematical, scientific and basic engineering fundamentals.

### **PEO-II**

To inculcate high professionalism among the students by providing technical and soft skills with ethical standards.

### **PEO-III**

To Apply, Analysis, Design, Optimization, and Implementation skills in order to formulate and solve Computer Science, Engineering and Multidisciplinary problems.

