

S.S. Engineering College, Bhavnagar
Instrumentation & Control Engineering Department

VISION and MISSION statement of Instrumentation and Control Engineering Department are as follows:

VISION :

- Instrumentation and Control Engineering department is committed to deliver technically competent, ethically conscious and socially responsible Instrumentation and Control engineers for the betterment of the mankind.

MISSION:

- To develop technical competency and capability in students to meet the industrial and societal needs.
- To inculcate professional excellence in students by creating conducive environment and following best educational/teaching learning practices.
- To develop ethically conscience and leadership mindset in students leading towards their personal development and holistic development of the society.

Program Educational Outcomes (PEOs):

- PEO - 1: Demonstrate proficiency in fundamental knowledge in industrial instrumentation and control and can apply theory to meet the expectations of industry and take up research work in multidisciplinary areas.
- PEO – 2: Ability to take up career in automation and optimization in industrial process control with environment protection and safety concern.
- PEO – 3: To succeed in industry, technical profession and postgraduate programmes through global, and rigorous education

Program Specific Outcomes (PSOs):

- PSO – 1: **Domain Knowledge:** Relate the fundamental concepts of Instrumentation (measurement, control, operation, monitoring and maintenance) to varied measurement systems and models.
- PSO – 2: **SkillSet:** Design and develop automatic control system for the given specifications in the allied fields of engineering.
- PSO – 3: **Adaptability:** Adapt and migrate to changing interdisciplinary technologies to provide improvised solutions.