



Estd: 2001

An Institute with a Difference

RN Shetty Trust

RNS Institute of Technology

Department of Electronics & Instrumentation Engineering

PEO and PSO



Program Educational Objectives (PEOs)

- **Program Educational Objectives of the Instrumentation program are:**
 1. **Preparation:** To prepare students with technical knowledge and practical skills in the field of Electronics and Instrumentation Engineering.
 2. **Core Competence:** To equip students with a solid foundation in mathematical, scientific and engineering fundamentals required for comprehending the basic measurement principles, designing and implementing control / monitoring applications with hardware and software proficiency to solve instrumentation engineering problems and also to pursue higher studies.
 3. **Breadth:** To train Instrumentation students with skills needed to create novel products and solutions for real life problems in various domains viz., biomedical, aircraft, optical, analytical, Process control, telemetry, etc.
 4. **Professionalism & Learning Environment:** To inculcate in Instrumentation students an ethical and a professional attitude by providing an academic environment inclusive of effective communication, teamwork, leadership, ability to relate engineering issues to a broader social context and life-long learning needed for a successful professional career



Program Specific Outcomes (PSOs)

• Program Educational Objectives of the Instrumentation program are:

- **Domain Knowledge:** relate the fundamental concepts of Instrumentation (measurement, control, operation, monitoring and maintenance) to varied measurement systems and models.
- **Skill Set:** design and develop automatic control system for the given specifications in the allied fields of engineering.
- **Adaptability:** adapt and migrate to changing interdisciplinary technologies to provide improvised solutions.