



P.S.R ENGINEERING COLLEGE

(An Autonomous Institution, Affiliated to Anna University, Chennai)

Sevalpatti (P.O), Sivakasi – 626140.

Tamilnadu State



CENTRAL INSTRUMENTATION CENTER

The Central Instrumentation Center (CIC) has been established in the year 2018 in the Department of Electronics and Communication Engineering with the objective to avail the instruments which are not available in other departments / laboratories. This facility helps the faculty, research scholars and students to make use of instruments. The Total Area of CIC is 111.36 Square Meter.

OBJECTIVES

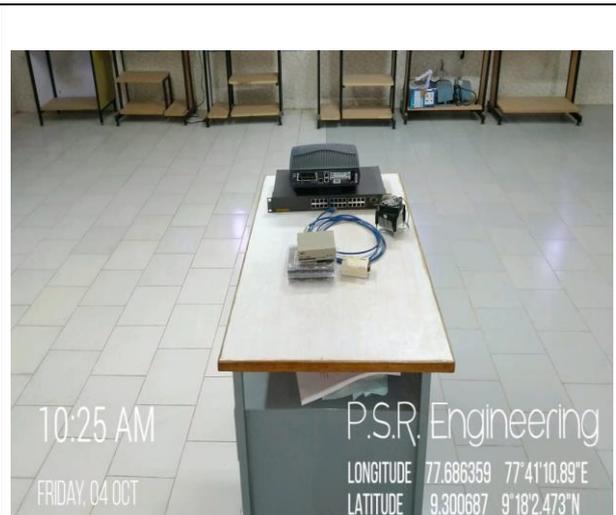
- To strengthen the technological infrastructure to carry out innovative research in various academic disciplines under one roof.
- To analyze the samples received from the staff members/researchers/students and also from industries
- To provide facilities of recent analytical instruments to staff members/researchers/ students enabling them to publish their research findings in referred journals and contribute to the enrichment of the society.
- To procure and improve proficiency of technicians for maintenance and repair of the major instruments.

LIST OF AVAILABLE EQUIPMENTS / INSTRUMENTS

- Cathode Ray Oscilloscope
- Digital Storage Oscilloscope
- Travelling Microscope
- Analog Tachometer
- Anemometer
- Conductivity Meter
- Digital Multimeter
- Digital Tachometer
- DO Meter
- Double Element Wattmeter
- Flame Photo Meter
- Fluoride Ion Specific Meter
- Inside and Outside Micrometer
- LCR Meter
- LVDT Meter
- Spectrometer

- Spectrophotometer
- Turbidity Meter
- Ultrasonic Interferometer
- Bevel Protector
- Dumpy Level (7")
- Electronic Balance
- Cisco Router
- Function Generator
- Gear Tooth Vernier Caliper
- IC Tester
- Media Converter
- pH Meter with Electrode

- Semiconductor Band Gap Apparatus
- Sine Bar and Slip Gauges Setup
- Spectrum Analyzer
- Ultrasonic Pulse Velocity
- UTP Grimbling Tool
- UTP Tester
- Variac Id
- Vernier Depth Gauge
- Vernier Transit Theodolite
- Photofluorometer



View of Central Instrumentation Center

Cisco Router



UTP Crimping Tool



Digital Multimeter



Photofluorometer



LVDT Meter



Spectrum Analyzer



Testing the Project