



SCIENT INSTITUTE OF TECHNOLOGY

Ibrahimpattam, R.R Dist 501506

(NAAC Accredited, Approved by AICTE & Affiliated to JNTUH)

Major Objectives

SNTI has been emphasizing on Centre for Research & Consultancy (CRC) in various areas of Engineering through:

R&D projects funded by the college or external agencies like DST, AICTE, UGC, DRDO, DRDL, DLRL etc

Organizing International and National conferences, seminars and workshops funded by the college or external agencies like DST, AICTE, etc

Provide technical assistance to industries and user Organizations / Departments

Promote Research and develop appropriate Technology

Promote exchange programmes between Industries and the Institution

Establish testing/consultancy centers in various fields of Engineering

Procure state-of-the-art equipments required for Testing / Consultancy

Arrange for servicing / repairs of equipments to keep them in good condition

SNTI Research Activities:

Our Research wing has Affiliating University Jawaharlal Nehru Technology University Hyderabad (JNTUH) has a programme called TEQIP-III collaborative research called this programme different research will come together and developed projects. The duration of this research work is one year.

The Project Third Phase of Technical Education Quality Improvement Programme (referred to as TEQIP-III) is fully integrated with the Twelveth Five-year Plan


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objectives for Technical Education as a key component for improving the quality of Engineering Education in existing institutions with a special consideration for Low Income States and Special Category States (SCS) and support to strengthen few affiliated technical universities to improve their policy, academic and management practices.

The project titled “**Efficient Clustering Methods for Big Data Computing In Health Care**” is ongoing started in the month of September-2019.

R & D FOCUS AREAS

COMPUTER SCIENCE AND ENGINEERING


- Big Data Analytics
- Machine learning
- Information Security
- Cloud Computing
- Software Engineering
- Artificial Intelligence

ELECTRICAL AND ELECTRONICS ENGINEERING

- System Engineering and Technology
- Power Systems
- Renewable Energy Systems
- Automation

ELECTRONICS AND COMMUNICATION ENGINEERING

- RF Microwaves and Antennas
- Signal Processing
- Radar Communications, Photonics and Optical Communications
- Micro Electronics and VLSI


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SNTI RESEARCH INTEGRITY AND ETHICS



R&D Lab


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Research

Research & Consultancy

Research Projects

IPR/ Patents

Research Publications

Research Methodologies/IPR Activities


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