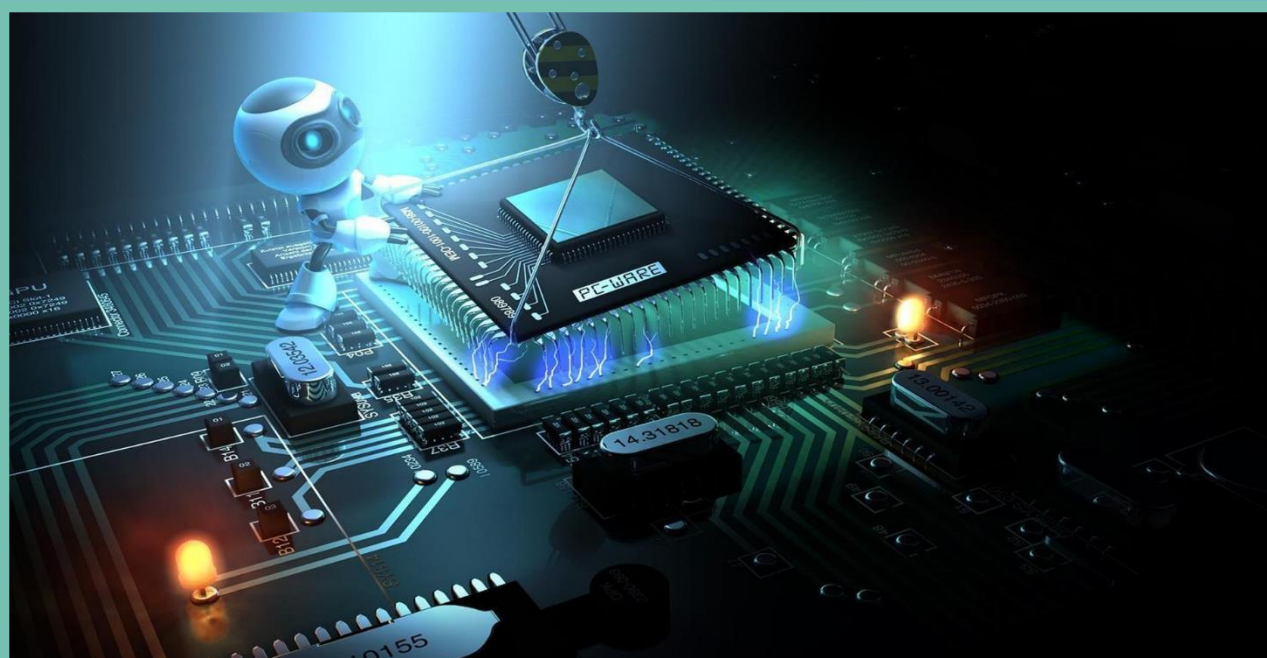# Electronics and Communication Engineering

Inspiring Engineering Innovation

SALIENT FEATURES

- 15 Faculty with 2 Ph.D. and 12 Pursuing Ph.D.
- Supporting staff of 8 members
- Dedicated building with 2784 Sq.mt built up area
- 10 state of the art Laboratories with latest configuration and software's
- Dedicated 100 Mbps internet facility
- Separate Department Library apart from Central Library
- Self-learning materials, e-journals and Video lectures
- Professional Body Chapters & Student clubs
- Conduct of Workshops, Training Programs 6 Symposiums and 2 Alumni interactions
- Expert/ Guest Lectures
- Established Centre of Excellence (COE) under Texas Instruments University program
- MOUs with sapience Consulting and Edugate Technologies Bangalore
- Students Technical forum "Electronics and communication House for inquisitive program (E-CHIP)" was stated in 2008
- Good Alumni network
- Co-curricular & Extra- curricular Activities
- Career Guidance & Counselling

JNTUA College of Engineering (A) Pulivendula

Pulivendula, Andhra Pradesh

Approved by AICTE, New Delhi, Listed u/s 2(f) and 12(B) of the UGC act 1956.

About the University

JNTU College of Engineering, Anantapur, was integrated into JNTUA and renamed JNTUA College of Engineering, Anantapur. Additionally, JNTUA College of Engineering, Pulivendula, established in 2006, and the Oil Technology Research Institute (OTRI) in Anantapur, founded in 1948, also became part of JNTUA. In 2013, JNTUA College of Engineering, Kalikiri, was established as a new constituent college. In 2016, OTRI was rebranded as the Oil Technology and Pharmaceutical Research Institute (OTPRI). JNTUA, in addition to its constituent colleges, oversees a network of 98 Engineering Colleges, 33 Pharmacy Colleges, and 29 stand-alone MBA/MCA colleges, all dedicated to provide top-quality technological education.

About the College

The JNTUA College of Engineering, Pulivendula is part of J.N.T. University Anantapur, established with a noble social mission to make technical education accessible and affordable to the rural population. The foundation of this college was laid on December 25, 2005, by the esteemed late Dr. Y. S. Rajashekhara Reddy, former Chief Minister of Andhra Pradesh. It operates as one of the University Colleges under JNTU Anantapur, a State University, and is a government-run institution. With a dedicated faculty, committed staff, and the hard work of its students, the institute has built a strong reputation within the J.N.T. University Anantapur region.

About the Department

Established in 2006, the ECE department at JNTUA College of Engineering Pulivendula offers a highly competitive B.Tech program for top AP EAMCET qualifiers and sought-after M.Tech programs for GATE and PGECET examinees .The department consistently achieves academic excellence, with students excelling in national exams like GATE and CAT and securing placements in prominent national and international companies. A substantial number of graduates of department pursue higher education both in India and abroad.

Committed to producing all-rounded engineers, the department emphasizes practical foundations through mini-projects, communication skills development, internships, and design contests. With a dedicated faculty actively engaging in research and development, state-of-the-art infrastructure, industry collaborations, and support for certifications and extracurricular activities, the department fosters a comprehensive educational experience.

Vision

To create and develop professional and intellectual human capital in electronics and communication engineering and applications in order to foster the technological, economic and social enrichment of the state and the nation and to contribute to global village connectivity.

Mission

- To play professional role to create, develop, organize and manage complex technologies and products, contribute to the betterment of society and evolve better quality of living in a world increasingly influenced by scientific and technological innovation.
- To provide students of ECE an environment of academic freedom that will ensure the exchange of ideas and the dissemination of knowledge in this discipline.
- To recognize as a place that encourages research excellence and diversity in thought and endeavour in multidisciplinary applications.

Student Professional Bodies

The department have student chapters of professional bodies like ISTE, IETE and Students' activity club Progressive Association for Electronics and Communication Engineers (E-CHIP) under which various technical, nontechnical, sports, cultural events and several social service activities are being conducted along with preparing for competitive exams.

ISTE   IETE

Workshops / Symposiums Conducted

The department has conducted workshops and Faculty Development Programs (FDPs) under TEQIP-II for faculty and training programs for students for their overall development

Student symposiums **SCINTILLACE and E-SAMAGRA** were conducted for all round development of students by conducting technical, curricular and extracurricular events. To improve alumni network and interaction exclusive alumni meet of the department SAMANVAY was conducted.
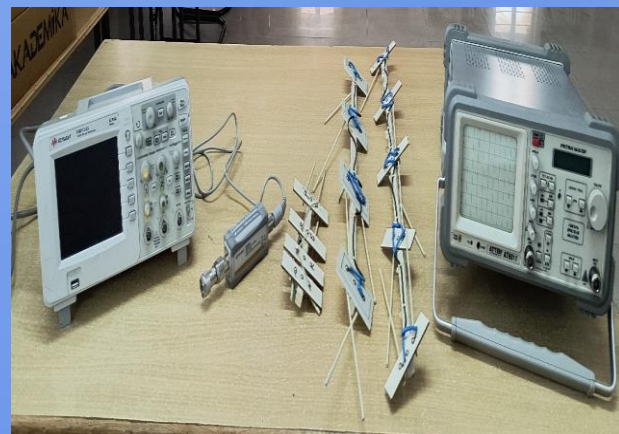

R&D

Faculty are actively engaged in research in RF & Microwave, EMI/EMC, Signal Processing, Image Processing, VLSI, Embedded Systems etc., and also guiding research scholars. Two faculty obtained PhD's and 12 are pursuing Ph.Ds.

Extensive R&D work using Centre of Excellence (COE) under Texas Instruments University program. For enhanced R&D and training, MOUs are signed with sapience Consulting and Edugate Technologies Bangalore

Students' Technical forum "Electronics and communication House for inquisitive program (E-CHIP)" started in the year 2008 is also actively inspiring students to carry out hobby projects.

Social Service Activity

National Service Scheme

The National Service Scheme (NSS) is a Central Sector Scheme of Government of India, Ministry of Youth Affairs & Sports. It provides opportunity to the student youth of 11th & 12th Class of schools at +2 Board level and student youth of Technical Institution, Graduate & Post Graduate at colleges and University level of India to take part in various government led community service activities & programmes. The sole aim of the NSS is to provide hands on experience to young students in delivering community service.

Library

In addition to College central library, the department is having department library with 300 titles. Another library maintained by students' activity club (E-Chip) is also available with books required for preparation of competitive exams and other reference books required for the students.

Personal Counseling & Career Guidance

Each faculty is assigned five students from each year for personal care, counseling and career guidance, who regularly monitors student academic performance and overall development, and also attend to students' grievances.

The student counselling process is very helpful for planning remedial classes based on the analysis of the counselling reports, and also the training programs for the students are arranged in the areas where there is difficulty for students.

Research Publications

Faculty of the department have broad and multidisciplinary research interests and published about 210 research papers in International journals and 08 research papers in National Journals and 179 publications in national and international conferences.

Faculty of the department have published 17 patents.

Gallery of Laboratory infrastructure

Computer Lab

Communication Lab

Electronic Devices and Circuits Lab

Microwave and Optical Communication Lab

Signal Processing Lab

Micro Processor Lab

Faculty

S.No	Name	Designation	Qualification
1	Prof. R Ramana Reddy	Professor	M.Tech, Ph.D, MBA
2	Dr. Shaik Taj Mahaboob	Assistant Professor	M.Tech, Ph.D
3	Sri M Siva Kumar	Assistant Professor (Adhoc)	M.Tech, (Ph.D)
4	Sri K Siva Chandra	Assistant Professor (Adhoc)	M.Tech, (Ph.D)
5	Sri K Ravindra Reddy	Assistant Professor (Adhoc)	M.Tech, (Ph.D)
6	Sri P G Varna Kumar Reddy	Assistant Professor (Adhoc)	M.Tech, (Ph.D)
7	Sri T S Mahammed Basha	Assistant Professor (Adhoc)	M.Tech, (Ph.D)
8	Sri G Krishna Murthy	Assistant Professor (Adhoc)	M.Tech, (Ph.D)
9	Sri T C Sanjeeva Rayudu	Assistant Professor (Adhoc)	M.Tech
10	Smt. B V Sowjanya	Assistant Professor (Adhoc)	M.Tech, (Ph.D)
11	Sri J Nageswara Rao	Assistant Professor (Adhoc)	M.Tech, (Ph.D)
12	Miss N Shehanaz	Assistant Professor (Adhoc)	M.Tech, (Ph.D)
13	Smt. S Vara Lakshmi	Assistant Professor (Adhoc)	M.Tech, (Ph.D)
14	Sri M Mani Kumar Reddy	Assistant Professor (Adhoc)	M.Tech, (Ph.D)
15	Smt. P V Kusuma	Assistant Professor (Adhoc)	M.Tech, (Ph.D)