



DEPARTMENT PROFILE

Department of Electronics & Communication Engineering (1958-2026)



VISION/MISSION

VISION

To remain a symbol of pride in the fields of Electronics and Communication Engineering by producing holistic and diligent Engineers for industrial and societal needs.

MISSION

M1: To produce high quality learners who are globally competitive and professionally challenged in the field of Electronics and Communication Engineering.

M2: To offer educational programmes that imparts inventive knowledge with high levels of ethical and human values.

M3: To provide a platform to acquire and implement innovative ideas in research and development.

M4: To build up the state of art laboratories and centers of excellence in different areas of Electronics and Communication Engineering.

M5: To train the students and faculty to update their knowledge in pioneering technologies to meet industrial requirement.

LEGACY OF EXCELLENCE

Established in 1958

Courses Offered:

B.TECH (ECE)

M.Tech (C & CE)

M.Tech (CE & SP)

M.Tech (VLSI & ES)

AVANTEL COLLABORATED M.Tech(SP & C)

EFFTRONICS COLLABORATED M.Tech(IOT)

COE & MOU

MOU WITH AVANTEL ALONG WITH COE IN SIGNAL PROCESSING & COMMUNICATIONS

MOU WITH VEDA IIT For Industry Ready Professional Training

MOU WITH Efftronics Along with COE in Internet Of Things

PLACEMENTS

BEL	MOSCHIP	ANALOG PORT	FACTSET
TCS	VOZIQ A	MEDHA SERVO	COGNIZANT
VEDA IIT	GALAXE	COMMVAULT	APOLLO TYRES
L & T	CAPGEMINI	VEM TECHNOLOGIES	ACCENTURE

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PRINCIPAL MESSAGE



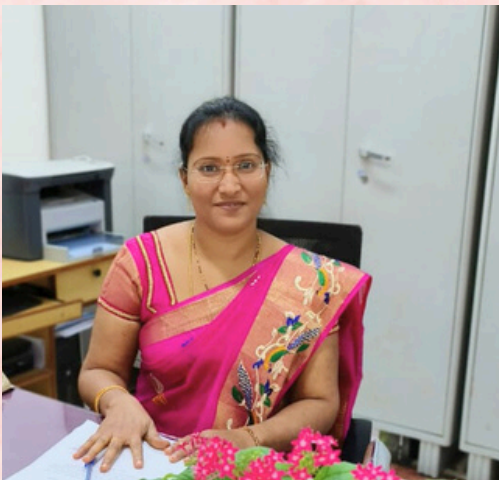
**Dr. K Padma Raju, Principal
Senior Professor Of ECE
UCEK(A),JNTUK**

It gives me great pride and satisfaction to extend my warm greetings on the occasion of the Oak Jubilee Celebrations, commemorating 80 illustrious years of our esteemed institution, established in 1946. This significant milestone stands as a testimony to the vision, commitment, and collective efforts of all those who have contributed to the growth and reputation of the college over the decades. Since its inception, the institution has been steadfast in its mission to provide quality technical education, foster research and innovation, and nurture socially responsible professionals.

Through continuous academic reforms, infrastructure development, industry interaction, and a strong emphasis on values and ethics, the college has remained responsive to the evolving needs of society and the nation. The success and stature of the institution are the result of the dedicated efforts of its faculty, the enthusiasm and achievements of its students, the unwavering support of alumni, and the guidance of all stakeholders. Their contributions have enabled the college to emerge as a center of academic excellence and professional competence.

As we celebrate this proud legacy, we reaffirm our commitment to uphold the founding values while embracing innovation, interdisciplinary learning, and global best practices. I am confident that the institution will continue to scale greater heights and make meaningful contributions to national development and technological advancement. I extend my best wishes for the grand success of the Oak Jubilee Celebrations and for a future filled with continued excellence.

HOD MESSAGE



**Dr. B. Leela Kumari
HOD & Associate Professor of ECE
UCEK(A),JNTUK**

It gives me immense pride and pleasure to be part of the Oak Jubilee Celebrations, marking 80 glorious years of our esteemed institution, established in 1946.

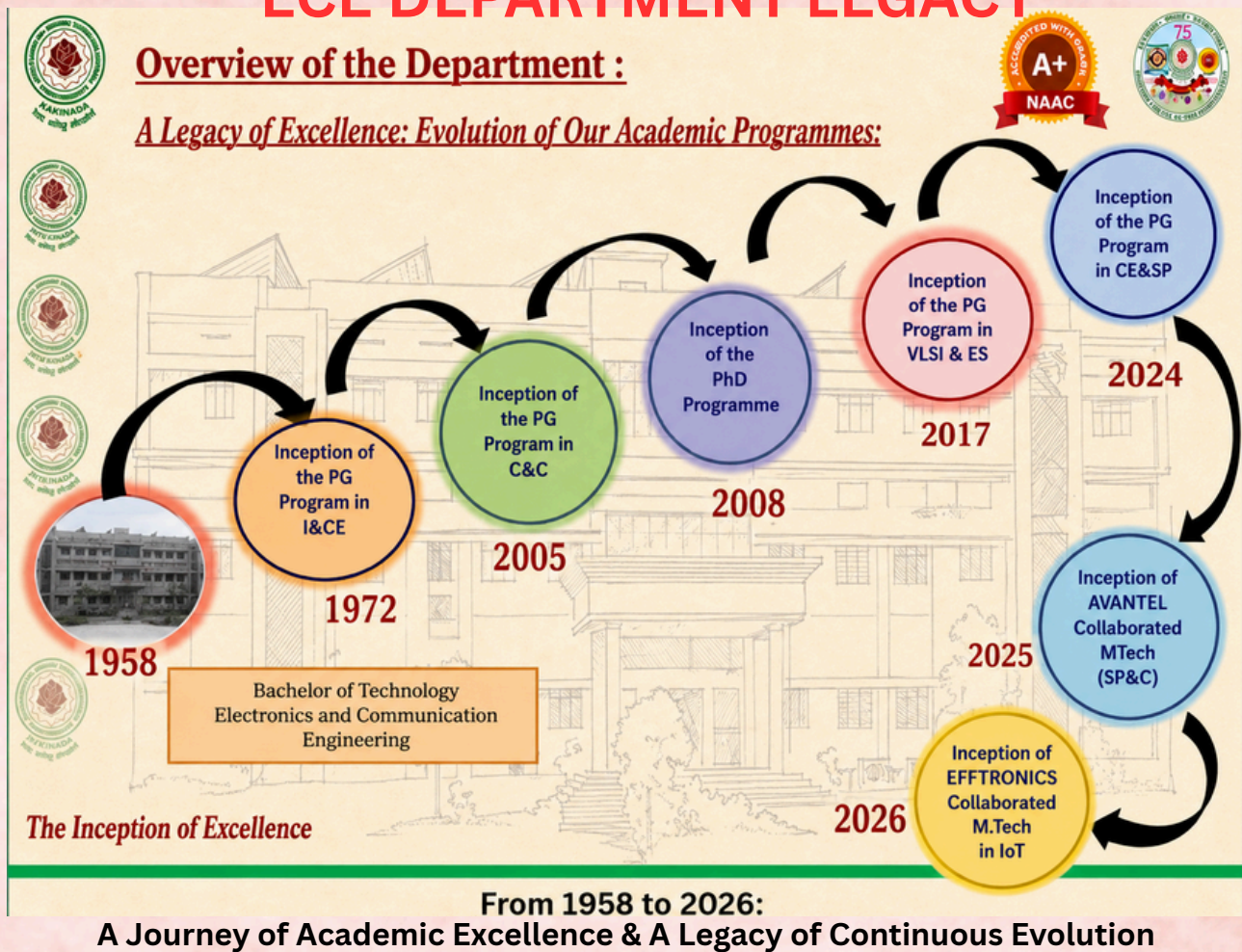
The Department, established in 1958 as the Department of Telecommunication Engineering and later renamed as the Department of Electronics and Communication Engineering, has been a vital contributor to the academic and research legacy of the college for over six decades. Since its inception, the department has continuously evolved in tune with emerging technologies, while remaining steadfast in its commitment to academic excellence, innovation, and societal relevance.

Over the years, the department has nurtured generations of engineers and intellectuals who have made significant contributions in academia, industry, research, and public service. Our strength lies in a dedicated faculty, robust academic practices, modern laboratories, and a student-centric learning environment that emphasizes technical competence, ethical values, and lifelong learning.

As we celebrate this historic milestone, we fondly remember the visionaries who laid the foundation and express our sincere gratitude to all stakeholders—faculty, students, alumni, and industry partners—who have shaped the department's journey. We look forward to continuing this legacy of excellence and contributing meaningfully to national development and technological advancement.

With best wishes for the grand success of the Oak Jubilee Celebrations.

ECE DEPARTMENT LEGACY



The department has consistently evolved to meet the demands of industry and academia:

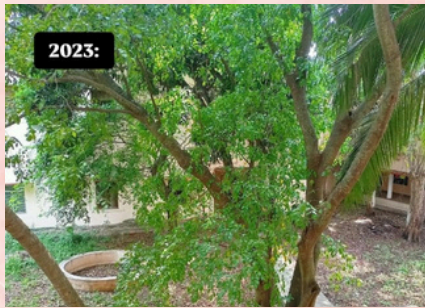
- 1958: Inception of B.Tech in Electronics and Communication Engineering – laying the strong foundation of excellence.
- 1972: Introduction of the Postgraduate programme in Industrial Electronics & Control Engineering (I&CE).
- 2005: Launch of M.Tech in Communication & Networking (C&CE).
- 2008: Introduction of the Ph.D. Programme to promote advanced research.
- 2017: Inception of M.Tech in VLSI & Embedded Systems (VLSI & ES).
- 2024: Launch of the latest M.Tech programme in Communication Engineering & Signal Processing (CE&SP).
- 2025: Launch of the Avantel collaborated M.Tech programme in Signal Processing & Communication (SP & C).

With over 68 years of academic excellence, the Department of ECE offers B.Tech, M.Tech, and Ph.D. programmes. Equipped with modern laboratories and experienced faculty, it focuses on VLSI Design, Embedded Systems, Signal Processing, 5G & Advanced Communication Technologies, and IoT, while its strong alumni network serves in leading organizations across India and abroad.

GROWING WITH INNOVATION, LEADING WITH EXCELLENCE
SHAPING ENGINEERS SINCE 1958 – A PROUD LEGACY CONTINUES...

Department at a Glance

GREENERY



2023



2026



Beyond circuits and code, we grow green spaces too.
ECE Department: From dry ground in 2023 to vibrant life in 2026.

DEPARTMENTAL ACADEMIC FACILITIES

Project Room



Seminar Hall



Student Activity Room



ECE Museum



Gallery Hall



E Class Room



Ladies Waiting Hall



The Department of Electronics and Communication Engineering is equipped with modern academic infrastructure, including ICT-enabled E-Classrooms, a Gallery Hall, Seminar Hall, Project Rooms, an ECE Museum, a Student Activity Room, and a Ladies Waiting Hall. These facilities provide an excellent environment for teaching, learning, research, innovation, technical activities, and overall student development.

LABS

E-CAD Lab



R & D Lab



ESD / ERTOS Lab



Advanced Communication Lab



The Department of Electronics and Communication Engineering is equipped with modern laboratories that provide hands-on training, practical learning, and research opportunities. Key facilities include the EDC Lab, ECAD Lab, DSP Lab, ESD Lab, Instrumentation Lab, and the Avantel Centre of Excellence in Communication Engineering & Signal Processing (CE & SP) Lab. These laboratories are equipped with advanced instruments, development kits, and industry-standard software tools, supporting learning and innovation in electronics, VLSI, embedded systems, signal processing, communication systems, and instrumentation. The department continuously upgrades its facilities to meet emerging technology and industry requirements.



MPMC/ C/ IOT LAB



VLSI & ECAD LAB



PDC & IC LAB



Instrumentation Lab



DSP Lab



EDC / DIGITAL ELECTRONICS LAB



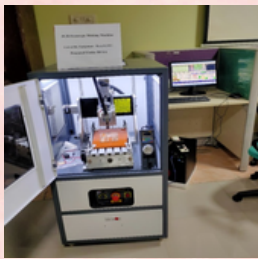
AVANTEL LAB



AC / DC LAB

MAJOR EQUIPMENT

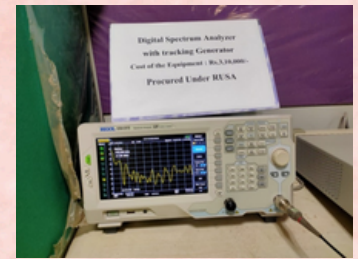
PCB Prototype Making Machine



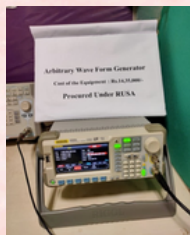
SATELLITE TRANSCEIVER SYSTEM



Digital Spectrum Analyzer with tracking Generator



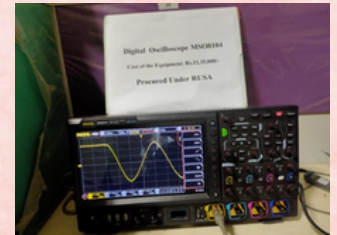
Arbitrary Wave Form Generator



CDMA-DSSS TRAINER KIT

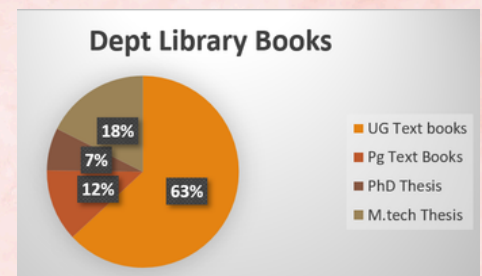


Digital Oscilloscope



The Department of ECE is equipped with advanced laboratory infrastructure to support hands-on learning, research, and innovation. Key facilities include a PCB Prototype Making Machine for rapid fabrication of specialized printed circuit boards, a 1 GHz Digital Mixed Signal Oscilloscope (MSO8104) for high-speed signal analysis and debugging, a Digital Spectrum Analyzer with Tracking Generator for precise RF and communication signal measurements, and a Multi-functional Arbitrary Waveform Generator capable of generating complex test and communication signals. The department also houses a Satellite Transceiver System for satellite communication studies and a CDMA-DSSS Trainer Kit for practical understanding of spread-spectrum communication systems. These advanced facilities significantly enhance student learning, project development, and research activities in electronics and communication engineering.

DEPARTMENT LIBRARY



BOOKS IN LIBRARY

The Department of ECE houses a dedicated library with a comprehensive collection of 5,050 books and research theses, supporting academic learning, project work, and research activities. The library includes 3,218 UG textbooks (63% of the collection), 620 PG textbooks, 897 M.Tech theses, and 365 Ph.D. theses, providing students and researchers with extensive resources in core and emerging areas of Electronics and Communication Engineering. The library serves as an important knowledge hub, fostering self-learning, innovation, and research excellence.

FACULTY ACHIEVEMENTS

Dr. B. Leela Kumari, Head of the Department

Specialization: Communication & Signal Processing
State Best Teacher Award, 2024

Department Best Teacher Award 2016,2025

Best Teacher of the Year for Excellence in Teaching by CSC (AICTE, NIELIT, NEN, WADHWANI Foundation)
Best Paper Awards in reputed conferences such as AICECS 2023 and NCVSPICE 2K18

The "Outstanding Woman in Engineering" recognition by VIWA 2017

PhDs Guided : 5 | PhDs Guiding : 10 | Patents : 3
Conferences : 60 | Journals : 81 | Books / Chapters : 6
Awards : 8 | Funded Projects : 3
FDPs Attended : 121 | FDPs Conducted : 38



Dr. S. Srinivasa Kumar, Senior Professor

Specialization :Signal & Image Processing

Vice-Chancellor of JNTUA during (Dec. 2017 to Dec. 2020).

Co-ordinator for UGC-Inter University Centre for Teacher Education, Kakinada during 2013-2017.

Director (R & D) for JNTUK during 2011-2017.

Director (Sponsored Research) JNTUK during 2009 – 2011.

Head of the Department ECE, JNTU College of Engg., Kakinada during 2006 – 2009.

Coordinator for the world bank Project (TEQIP-Phase-I) and responsible for the first position in state of AP(Combined) in terms of Impact evaluation

PhDs Guided : 18 | PhDs Guiding : 3 | Patents : 6
Conferences : 47 | Journals : 147
Awards : 2 | Funded Projects : 6
FDPs Attended : 27 | FDPs Conducted : 16



Dr. Padma Raju, Senior Professor

Specialization: Antennas & Communications

Current Principal Of UCEK, JNTUK

Former Vice Chancellor for AKNU during 2023-2024.

Former Member of the Andhra Pradesh Public Service Commission (APPSC)

State Best Teacher Award ,2014

Department Best Teacher Award - 2008, 2010, 2012, 2014

PhDs Guided : 3 | PhDs Guiding : 2 | Patents : 1
Conferences : 71 | Journals : 74 | Books / Chapters : 6
Awards : 6 | Funded Projects : 2
FDPs Conducted : 7



Dr. M. Sailaja, Senior Professor

Specialization: Computer Networks & Communications

Served as Head of the department of School of Avionics (IST) during 2022-2024

Served as Head of the Department of Electronics and Communication Engineering during 2009-2012

Returning officer, IETE Elections at Kakinada Centre for 2014-16 and 2016-18.

PhDs Guided : 3 | PhDs Guiding : 6 | Patents : 1
Conferences : 4 | Journals : 33
Books / Chapters : 6 | Awards : 2
Funded Projects : 2 | FDPs Attended : 10



Dr. A. M. Prasad, Senior Professor

Specialization : Antennas & Communications

Received State Best Teacher Award in 2018 from Chief Minister Shri. Nara. Chandrababu Naidu Garu

Best teacher award by outgoing students in 2008 and 2012

Worked as Head of the ECE Dept

Served as Chairman IETE Kakinada Center

PhDs Guided : 21 | PhDs Guiding : 6 | Patents : 2
Conferences : 42 | Journals : 72 | Books / Chapters : 2
Awards : 3 | FDPs Attended : 25 | FDPs Conducted : 10



Dr.N.Balaji, Senior Professor

Specialization : VLSI

Current Principal Investigator for the prestigious EICT Phase 2 Hub-Spoke Model Project under E&ICT Academy, NIT Warangal

chief investigator for the Ministry of Electronics & Information Technology (MeitY) sponsored

PhDs Guided : 14 | PhDs Guiding : 8 | Patents : 6
Conferences : 43 | Journals : 77 | Books / Chapters : 2
Awards : 4 | Funded Projects : 3
FDPs Attended : 6 | FDPs Conducted : 6



Dr. B.T.Krishna, Professor

Specialization: Signal Processing

State Best Teacher Award" by the AP State Government on National Education Day, November 2024

listed in the Stanford-Elsevier World's Top 2% Scientists list for 2025

Conferred with "Excellence In Research Contribution" by the Council for Skills and Competencies (CSC), Andhra Pradesh on 11th November 2024.

Received the "University Appreciation Award" from JNTUK, Kakinada on 20th August 2024.

PhDs Guided : 16 | PhDs Guiding : 9 | Patents : 11
Conferences : 81 | Journals : 81 | Books / Chapters : 8
Awards : 14 | Funded Projects : 4
FDPs Attended : 49 | FDPs Conducted : 2



Dr.K.Padma Priya, Professor

Specialization: VLSI

Head of the department, Dept of ECE, UCEK, JNTU Kakinada during period 14/7/2016 to 21/12/2018

Director (i/c) Green Initiatives, 24-11-23 to 28-07-24

Chairman of Board of studies For ECE dept, UCEK (A), JNTU Kakinada from the Year 2016-17.

Best Teacher Award for the year 2016-17, from ECED, UCEK, JNTUK, Kakinada.

PhDs Guided : 5 | PhDs Guiding : 6 | Patents : 1
Conferences : 13 | Journals : 43
Funded Projects : 2 | FDPs Attended : 45 | FDPs Conducted : 7



Dr. U. V. Ratna Kumari, Professor

Specialization : Antennas & Communications

Served as Director, Empowerment of Women & Grievance Cell

Recipient of Best Teacher Award (2011) from UCEK.

Recipient of Best Paper Award (2008)

PhDs Guided : 3 | PhDs Guiding : 8 | Patents : 2
Conferences : 41 | Journals : 62 | Books / Chapters : 1
Awards : 2 | Funded Projects : 1
FDPs Attended : 41 | FDPs Conducted : 9



Dr. P.Vinay Kumar, Associate Professor

Specialization: Communication & Signal Processing

Served as Additional Controller of Examinations (SDC), JNTUK Kakinada, during Oct 2021- Aug 2024.

Participated and presented a paper in an IEEE International Conference (ICARM2016) at University of Macau, China, during 18-20 Aug 2016.

Served as NBA Coordinator of ECE Department During 2013-2019

PhDs Guided : 3 | PhDs Guiding : 9 | Patents : 1
Conferences : 35 | Journals : 15 | Books / Chapters : 6
Awards : 1 | FDPs Attended : 55 | FDPs Conducted : 2





Dr. K. Ramadevi, Associate Professor

Specialization: Antennas & Communications
 Acting as Coordinator for Innovation, Incubation, Startup and Entrepreneurship of UCEK, JNTUK.
 Acting as Additional Controller of Examinations (UG II Year), JNTUK, Kakinada, from May 2022 to till date.
 Acted as Officer In-charge of Examination, UCEK, JNTUK, Kakinada, during Dec 2020 to Apr 2022.
 PhDs Guided : 3 | PhDs Guiding : 8 | Patents : 1
 Conferences : 25 | Journals : 67 | Books / Chapters : 1
 FDPs Attended : 53 | FDPs Conducted : 8



Dr. K. Durga Ganga Rao, Associate Professor

Specialization: Image Processing
 Received Best Teacher Award from UCEK, JNTUK, in the years 2015, 2021, and 2022.
 Presently Working as Additional Controller of Examination – PG, JNTUK, b Kakinada.
 Worked as Officer-Incharge of Examination, UCEK, JNTUK, Kakinada
 Worked as NSS Program Officer, Unit-2, UCEK, JNTUK, Kakinada.
 Worked as Deputy Warden, UCEK, JNTUK, Kakinada.
 PhDs Guiding : 3 | Conferences : 3 | Journals : 20
 FDPs Attended : 23 | FDPs Conducted : 1 | Awards : 3



Dr. K. Rajasekhara, Associate Professor

Specialization : Signal Processing
 Received Best Teacher Award in ECE Department, UCEK by 2020-24, 2019-23 batch students.
 Appreciation as Best Paper Presentation in an IEEE International Conference (ODICON 2024) at Siksha 'O' Anusandhan Deemed to be University, Bhubaneswar, Odisha, India during 8th–9th November 2024.
 Fellow IETE (F-502959).
 Acted as Coordinator for Innovation, Incubation, Startup and Entrepreneurship of UCEK, JNTUK from 29th March 2022 to till date.
 PhDs Guided : 1 | PhDs Guiding : 4
 Conferences : 27 | Journals : 41 | Awards : 3
 Funded Projects : 1 | FDPs Attended : 32 | FDPs Conducted : 9



Dr. R. Madhu, Associate Professor

Specialization : Satellite Communications
 Presently Acting as IQAC Coordinator, JNTUK, Kakinada.
 Acted as Additional Controller of Examinations (UG III Year).
 Received Best Paper Award for the research paper at the IETE National Conference on Advanced Communication & Computer Technologies, NSTL Visakhapatnam, July 2012.
 PhDs Guided : 9 | PhDs Guiding : 10 | Patents : 1
 Conferences : 23 | Journals : 40 | Award : 1
 FDPs Attended : 20 | FDPs Conducted : 5



Dr. P. Pushpalatha, Associate Professor

Specialization : VLSI
 Acting as Board of Studies Member for B.Tech (ECE) Program, UCEK, JNTUK.
 Acting as the Department NBA Coordinator for Criterion-6 for both UG and PG programs.
 Acting as Coordinator for the M.Tech Project Review Committee (PRC) for VLSI and Embedded Systems.
 PhDs Guiding : 1 | Patents : 2
 Conferences : 22 | Journals : 35 | Books / Chapters : 1
 FDPs Attended : 48 | FDPs Conducted : 10



Dr. K. Jhansi Rani, Associate Professor

Specialization : Image Processing
 Currently discharging the additional duties as Officer In-charge of Examinations for UCEK.
 Presently acting as Board of Studies (BoS) Member for KITS Warangal.
 Acted as Nodal Officer for the British Council Pilot Project.
 PhDs Guiding : 3 | Patents : 1
 Conferences : 8 | Journals : 48
 FDPs Attended : 52 | FDPs Conducted : 10



Smt. A. Rajani, Assistant Professor

Specialization : Image Processing & IOT
 Presently Acting as IQAC Coordinator, ECE Department, UCEK, JNTUK, Kakinada.
 Acted as Officer In-charge of Examination, UCEK, JNTUK, Kakinada.
 Acted as StartUp Cell Coordinator, UCEK, JNTUK, Kakinada.
 Conferences : 36 | Journals : 20 | Awards : 12
 Patents : 1 | FDPs Conducted : 13 | FDPs Attended : 138



Smt. Krishnaveni Challa, Assistant Professor

Specialization : VLSI
 Patents : 1 | Publications : 6
 FDPs Attended : 35 | FDPs Conducted : 02
 Book Chapters : 1



Mr. Hari Krishna Kanneboina, Assistant Professor

Specialization : VLSI
 Patents : 02 | Publications : 08
 FDPs Attended : 40 | FDPs Conducted : 02



Smt. B. Prasanthi, Assistant Professor

Specialization : Antennas & Communications
 Patents : 2 | Publications : 13
 FDPs Attended : 49 | FDPs Conducted : 02
 Book Chapters : 1



Smt. A. D. Bhavani, Assistant Professor

Specialization: Antennas & Communications
 Patents : 04 | Publications : 3
 FDPs Attended : 40 | FDPs Conducted : 02



Smt. T. V. Ramani, Assistant Professor

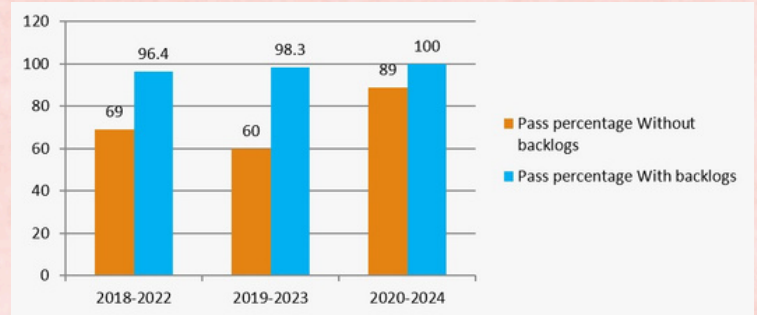
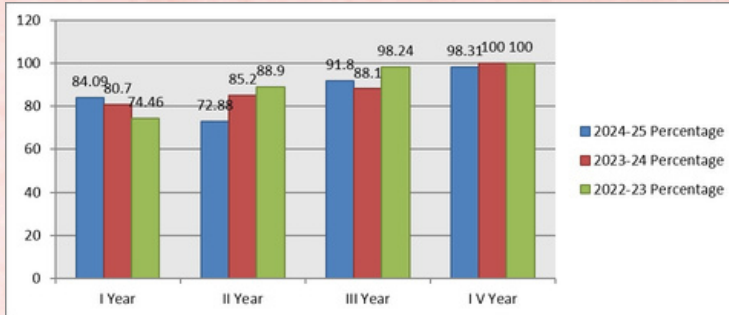
Specialization : VLSI Processing
 Patents : 2 | Publications : 13
 FDPs Attended : 50 | FDPs Conducted : 02

Academic Excellence

COURSE INTAKE

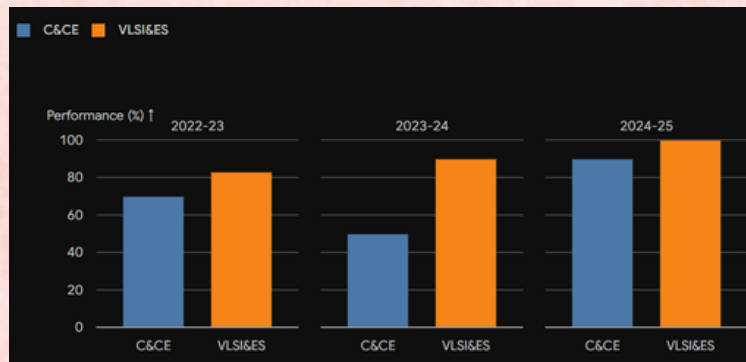
B.Tech Programme Performance

The B.Tech. Programme in Electronics and Communication Engineering has consistently maintained high academic standards, with strong student enrollment, excellent pass percentages, and outstanding graduation rates. The programme regularly achieves 96%–100% overall success rates, reflecting the department's commitment to quality education, academic excellence, and student achievement. The department also promotes higher education, research, and competitive examination preparedness, enabling students to pursue diverse career opportunities.



M.Tech Programme Performance

The Department of Electronics and Communication Engineering offers three M.Tech programmes—VLSI & Embedded Systems, Communication Engineering & Signal Processing, and Computer & Communication Engineering. Supported by experienced faculty, advanced laboratories, and industry collaborations, the programmes consistently achieve excellent academic results and prepare students for careers in research, higher education, and the electronics industry.



GATE RANKS



Lakshmi Sai Krishna Yarru
GATE 2024
AIR - 10



CH. Sai Charan
GATE 2025
AIR - 9



Pavan Vignesh
GATE 2026
AIR - 89

GATE 2024

The department achieved an outstanding 65 GATE qualifications in 2024. The year was marked by exceptional performances, including

AIR 10 secured by Lakshmi Sai Krishna Yarru.

Top Achievers:

Lakshmi Sai Krishna Yarru – AIR 10		Pagoti Jagadeeshwarrao – AIR 152		AVSS Gowtham Guptha – AIR 189
Satya Sai Reddy – AIR 289		Thota Prasanth – AIR 359		G. Satya Narayana – AIR 413
G. Satya Narayana – AIR 413		Emani Sriram – AIR 432		Bondili Sandeep Singh – AIR 479

GATE 2025

The department recorded 45 GATE qualifications in 2025. Students achieved exceptional ranks, including an impressive AIR 9 secured by Ch. Sai Charan. Several students obtained ranks within the Top 1000, highlighting the department's academic rigor and competitive exam preparedness.

Top Achievers:

Ch. Sai Charan – AIR 9		Prabath – AIR 164		N. Praneeth – AIR 268
Rajeswari – AIR 425		Pavan Vignesh – AIR 638		Surekha – AIR 645
Arun – AIR 937				

Approximately 16% of the qualified students secured ranks below 1000, while nearly 67% obtained ranks below 10,000, demonstrating broad-based success among the students.

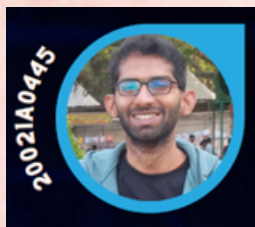
GATE 2026

A total of 34 students qualified in GATE 2026 across Electronics & Communication Engineering and allied disciplines. Notably, 2 students secured ranks within the Top 100, while 3 students secured ranks within the Top 200. Nearly 24% of the qualified students secured ranks below 1000, and about 53% obtained ranks below 10,000, demonstrating the department's strong performance in national-level competitive examinations.

Top Achievers:

Pavan Vignesh – AIR 89		N. Praneeth – AIR 108		Lakshman Kumar – AIR 122
N. Prabath – AIR 376		Soma Satya – AIR 540 (EE), AIR 835 (EC)		

PLACEMENTS



Nivas Bodapati
Commvault (35 LPA)



Sailaja
FactSet (10 LPA)



Vempala
Lakshmi veera
Shiva charan
(BEL)



A.L.N.raja
(BEL)



Kokkiligadda
Siri Vennela
(BEL)



Dasam Ramya
Sri
(BEL)



Mohammed
Nargis
(BEL)

FIRST GRADUATION DAY 27.06.2026



The University College of Engineering, Kakinada (A), celebrated its First Graduation Day, marking a historic milestone in the institution's journey and commemorating its legacy of academic excellence. The event recognized the achievements of the graduating students, who were awarded their Provisional Certificates, Consolidated Marks Memos, and Conduct Certificates by the Hon'ble Vice-Chancellor of JNTUK and other distinguished dignitaries. The celebration served as a memorable occasion, inspiring graduates to uphold the values of excellence, integrity, and lifelong learning while reflecting on the institution's proud legacy and future aspirations.



ECE 2026 PASS OUTS

UG Placements

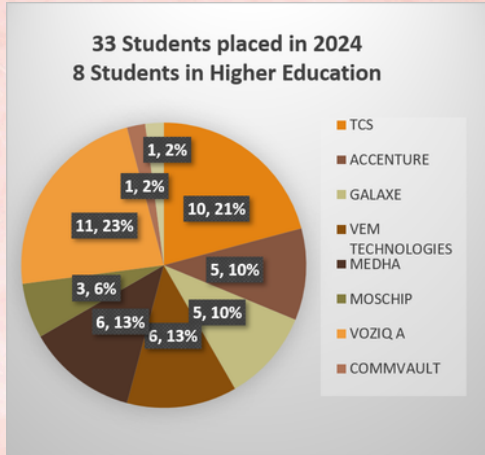
The Department of ECE has consistently maintained strong placement records, with students securing opportunities in leading companies such as TCS, Cognizant, Accenture, Infosys, Capgemini, MosChip, VEM Technologies, Medha Servo, FactSet, Commvault, BEL, Endava, and Analog Ports. The 2024, 2025, and 2026 graduating batches collectively achieved significant placement success, while several students also pursued higher education. Notable achievements include

Nivas Bodapati – Commvault (35 LPA),

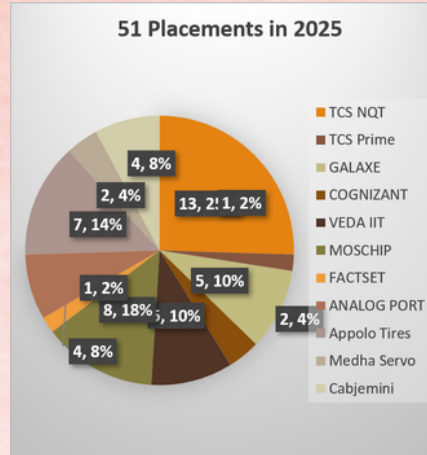
Sailaja – FactSet (10 LPA),

Naresh – TCS Prime (9 LPA), and placements of

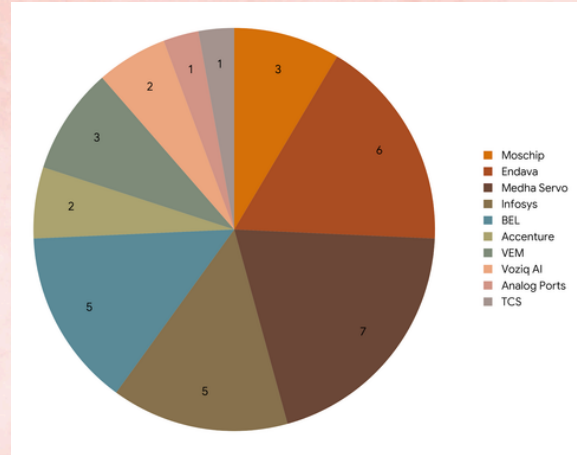
Vempala Lakshmi Veera Shiva Charan, A. L. N. Raja, Kokkiligadda Siri Vennela, Dasam Ramya Sri, and Mohammed Nargis - BEL .



2024 placements



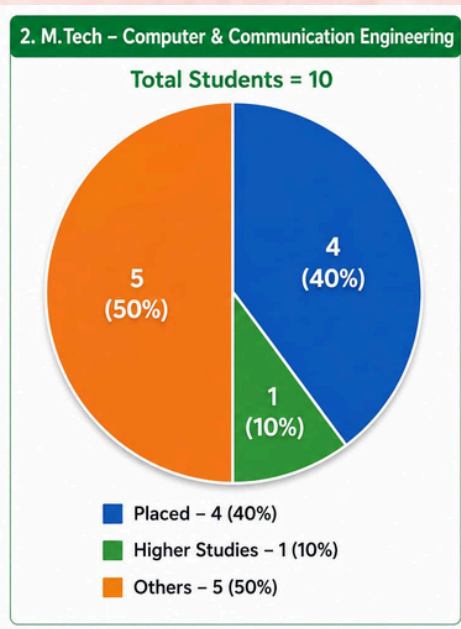
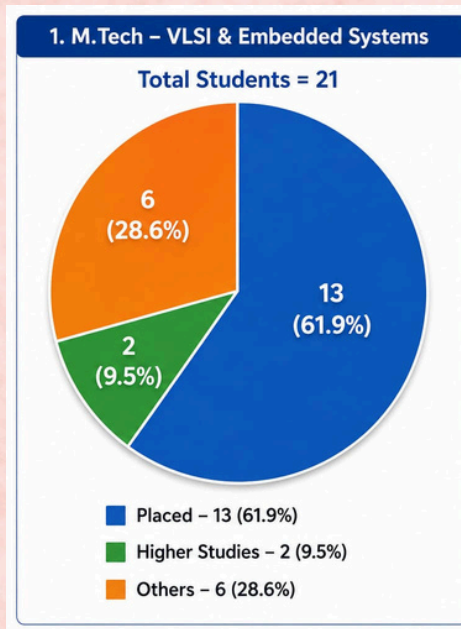
2025 placements



2026 placements

PG PLACEMENTS

The Department of Electronics and Communication Engineering has achieved commendable placement and higher education outcomes for M.Tech students in VLSI & Embedded Systems and Computer & Communication Engineering. Graduates have secured positions in reputed organizations such as Infosys, SBI, L&T, TCS, Capgemini, Straive, Monneotek, and the Indian Navy, while several students joined academia as faculty members. Students have also pursued higher studies and research at prestigious institutions including IIT Mandi, IIST, and VIT Vellore. The 2025 graduating batch recorded strong progression through placements and higher education, while the 2026 batch has already secured placements in TCS and L&T, reflecting the department's focus on industry readiness, research, and career development.



M.TECH PROGRAMME				
Programme	Admitted	Placed	Higher Studies	Progression
VLSI & Embedded Systems	21	13	2	71%
Computer & Communication Engineering	10	4	1	50%
Total	31	17	3	64.5%

MAJOR PLACEMENTS	
Student	Organization
T. Mary Sneetha	SBI
Kaveri Pessupati	L&T
Thota Rechal Jyothi	TCS
Sundarapalli Dileep Kumar	Indian Navy
Vetukuri Deyyangali Sri Naga Lakshmi	Capgemini
Gongala Asuritha Mandara	Straive
Tummalapalli Veera Venkata Jayani	L&T
Kota Nirmala Jyothi	Straive
Alugubilli Harikrishna	L&T
Katam Satish	Infosys

HIGHER EDUCATION	
Punnam Omkaram Ph.D., IIT Mandi	
Godavari Mani Babu Ph.D., Indian Institute of Space Science and Technology (IIST)	
Kota Nirmala Jyothi Ph.D., VIT Vellore	

PLACEMENTS -2025

RESEARCH & INNOVATION

The table highlights key some of the research areas where students achieved publication

S.No.	Domain Name
1	Antennas and Communications
2	Digital Signal Processing
3	Image and Vedio Processing
4	VLSI Design & Testing
5	Embedded Systems
6	IOT & Applications
7	Artificial Intelligence & Deep Learning

PAPER PUBLICATIONS

In the last 68 years, the faculty members of the Department of Electronics and Communication Engineering have collectively published over 2000 research papers, including approximately 1500 journal publications and 500 conference publications, in reputed national and international journals and conferences, reflecting the department's strong research culture and academic excellence.

The Department of Electronics and Communication Engineering actively promotes research and innovation among students. Over last few years approximately 15 UG student publications and 150 PG student publications have been presented in reputed national and international journals and conferences, demonstrating the department's strong research culture and academic excellence.

Faculty and students have published research papers in Scopus, SCIE, ESCI, and UGC Care indexed journals, along with presentations at reputed national and international conferences, reflecting the department's strong research culture and academic excellence.

Over the past 68 years, the faculty members of the Department of Electronics and Communication Engineering have collectively organized more than 500 Faculty Development Programmes (FDPs)/Conferences/Workshops and participated in more than 1,000 FDPs / Workshops/ Conferences , reflecting the department's strong commitment to faculty development, continuous learning, and academic excellence.

INDUSTRY COLLABORATIONS

INDUSTRIAL-ACADEMIC COLLABORATION THROUGH MOU WITH AVANTEL LTD

JNTUK has signed an MoU with AVANTEL LTD to establish a Centre of Excellence (CoE) and offer an M.Tech. program in Signal Processing and Communications in the Department of ECE, promoting internships, hands-on training, industry-oriented learning, and enhanced career readiness.



INDUSTRIAL-ACADEMIC COLLABORATION WITH VEDA IIT



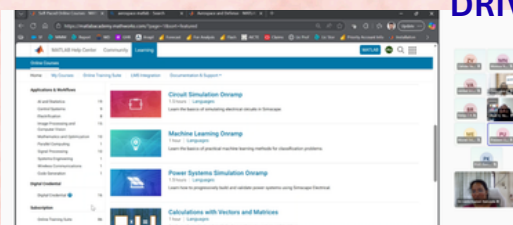
The Department established an industrial-academic collaboration with VEDA IIT Industries to bridge academia and industry, providing students with expert lectures, internships, skill-development programmes, and hands-on training in emerging technologies to strengthen research, innovation, and career opportunities.

INDUSTRIAL-ACADEMIC COLLABORATION THROUGH MOU WITH EFFTRONICS

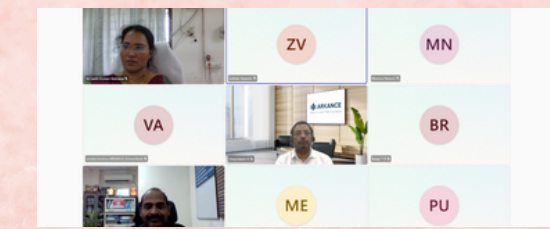
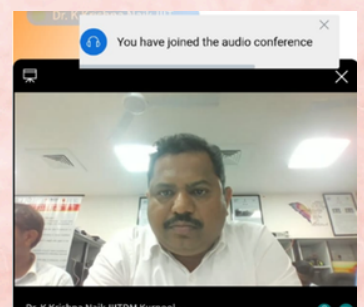
JNTUK has signed an MoU with Efftronics to establish a Centre of Excellence (CoE) and offer an M.Tech. program in IoT in the Department of ECE, promoting internships, hands-on training, industry-oriented learning, and enhanced career readiness.



INDUSTRY-ACADEMIA INTERACTION MEETING ON MATHWORKS SOLUTIONS FOR DRIVING THE FUTURE OF ELECTRIC VEHICLES (EVs)



On 6 February 2026, the ECE Department held an interaction with MathWorks to explore advancements in EVs, communication systems, and quantum technologies, focusing on simulation-based learning and proposing hands-on workshops to enhance student and faculty skills through strengthened industry collaboration.



INDUSTRY COLLABORATIONS

INDUSTRY-ACADEMIA COLLABORATION WITH AMTZ, VISAKHAPATNAM

On 5 March 2026, Dr. B. Leela Kumari, Dr. S. Srinivasa Kumar, and Dr. K. Padma Raju from the ECE Department visited Andhra Pradesh MedTech Zone (AMTZ), Visakhapatnam, for an industry-academia interaction to strengthen collaboration in medical electronics and healthcare technologies. The visit, graced by Prof. C. S. R. K. Prasad, Hon'ble Vice-Chancellor of JNTUK, included a tour of AMTZ facilities and discussions on medical device design, development, manufacturing processes, quality standards, and emerging research opportunities in biomedical engineering.



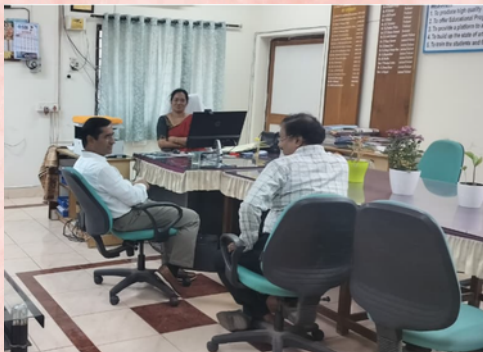
INDUSTRY-ACADEMIA COLLABORATION WITH AVANTEL LIMITED, VISAKHAPATNAM

On 5 March 2026, Dr. B. Leela Kumari, Dr. S. Srinivasa Kumar, and Dr. K. Padma Raju from the ECE Department participated in an industry collaboration programme with Avantel Limited, Visakhapatnam, attended by Prof. C. S. R. K. Prasad, Hon'ble Vice-Chancellor of JNTUK. The session covered advancements in communication systems, satellite technologies, and embedded solutions, with faculty gaining insights into real-time applications, product development, system-design challenges, emerging trends, and industry-required skills, and paving the way for internships, joint research, and technical training collaborations.



INDUSTRY-ACADEMIA COLLABORATION WITH MOSART LABS IN VLSI AND SEMICONDUCTOR TECHNOLOGY

On 3 January 2026, the ECE Department collaborated with MOSart Labs, guided by Dr. Krishna Kanth Avalur, to strengthen industry-academia ties in VLSI and semiconductor technology, focusing on hands-on training, internships, and workshops in chip design and EDA tools to bridge the academic-industry gap and boost student skills and employability.



INDUSTRY VISITS



IIIT Hyderabad Entrepreneurship Visit



Dream Chip Technologies



Industrial Visit to ATC Vijayawada



Reliance Industries



Andhra Electronics



EFFECTRONICS



JERUGUPADU POWER PLANT

The ECE Department at UCEK-JNTUK actively bridges the gap between academia and industry through regular industrial visits and interactions. Our students gained practical exposure by visiting leading organizations such as IIIT Hyderabad for entrepreneurship insights, Dream Chip Technologies for semiconductor design, ATC Vijayawada for telecom infrastructure, Reliance Industries for manufacturing excellence, and Andhra Electronics for embedded systems applications. International collaboration was strengthened through the Industry-Institute Interaction with Tennessee Tech University, USA, led by Dr. Kumar Yalamarthy, Associate Dean, College of Engineering. These visits provide students with real-world exposure to emerging technologies, industry practices, and career opportunities, preparing them to become industry-ready professionals.

Student Achievements

Yarru Lakshmi Sai Krishna (2019–2023 Batch) successfully completed 8 NPTEL certification courses, achieving the highest number of NPTEL course completions in the department.



He is the first student who successfully completed a Minor degree in CSE department in the year 2023

The Department of Electronics and Communication Engineering organized a Cyber Security Awareness Program under the Sanchar Mitra 2.0 initiative to promote cyber security awareness among students. Through presentations on cyber threats, online safety, and preventive measures, the program enhanced participants' understanding of responsible digital practices and secure internet usage.

Four students successfully completed a 960-hour Embedded Engineer Internship, offered free of cost and worth ₹53,000, conducted by the National Institute of Electronics & Information Technology (NIELIT) in association with the Ministry of Electronics and Information Technology (MeitY)

Three final-year students—Satwik, Sravan, and Lakshmi Narsyana—received an Innovation Award under the Atma Nirbhar Bharat – One Family Programme in recognition of their innovative ideas and contributions.



Sports Achievements

The department actively encourages students to excel in sports alongside academics. B. Eswari and U. Srisatya secured First Place in the Central Zone Intercollegiate Kho-Kho Tournament and were selected for the University Selection Trials. G. Harika was a key member of the Championship-winning Women's 4x400 Relay Team in the Intercollegiate Athletics Meet and also led the ECE First Year Girls Team to victory in the University Sports Day Kho-Kho Tournament, reflecting the department's commitment to holistic student development.



SPORTS ACHIEVEMENTS OF ECE DEPARTMENT

Roll Of Honours

2016

S.No	Roll Number	Name of the student	CGPA
1	16021A0413	NUNNA TEJA HIMA PRIYA	8.76
2	17025A0454	KATTA YATEESHA DEVI	8.70
3	16021A0412	GUDE JNANA PRASANNA LAKSHMI	8.67

2017

S.No	Roll Number	Name of the student	CGPA
1	17021A0450	KOMMANA SAI RAM KUMAR	9.09
2	17021A0437	GADE SUPRIYA	9.04
3	17021A0436	DOSAPATI SAI VAMSI	8.87

2018

S.No	Roll Number	Name of the student	CGA
1	18021A0424	MEKA MOUNIKA	9.35
2	19025A0435	VIKRAM KAVYA	9.2
3	18021A0402	NAMALA ANKITHA	9.16

2019

S.NO	ROLL NO	NAME OF THE STUDENT	CGPA
1	19021A0409	KANUKOLANU SAI SUDHEER	9.43
2	19021A0435	SEELAM HARSHINI	9.01
3	19021A0426	AKUNURI SAI SHANMUKH	9

2020

S.NO	ROLL NO	NAME OF THE STUDENT	CGPA
1	20021A0413	SHAIK VAHEEDA	9.381
2	20021A0441	EMANI SRIRAM	9.306
3	20021A0414	ANUMALASETTY VENKATA SATYA SAI GOWTHAM GUPTHA	9.288

2021

S.NO	ROLL NO	NAME OF THE STUDENT	CGPA
1	21021A0401	KATTA SUREKHA	9.081
2	21021A0419	B MEENAKSHI MADHURI	9.059
3	21021A0403	MADUGULA DELHIESWARA SAMEERA	8.988

Distinguished Alumni

Dr K. I. VARAPRASAD REDDY
(Koduru Iswara Varaprasad Reddy)

ECE - 1970

Padma Bhushan Awardee



Dr. M.Y.S. Prasad

E & C - 1974

Director, SHAR (2013-2015)

Padma Shri Awardee



Shri V.V.R.Sastry

E & C - 1968

Winner of 'Electronics Man of the Year' Award



Sri. J. Syamala Rao

ECE – 1985

Principal Secretary to Government,
Dept. of Higher Education, Govt. of
AP



(late) Sri Chandra Sekhar Turaga

ECE - 1969

The Most dedicated alumnus



Dr Kotagiri Ramamohana Rao

ECE - 1971

*Awardee of Alexander von Humboldt Fellowship
award in 1983*



S.No	Name	Designation / Organization
1	Rayasam Godavari Raju	Technical Specialist – TIFR, India & Boeing, USA
2	Kota Durga Prasad	IT & Management Consultant – IBM, McKinsey (India, Australia, New Zealand & USA)
3	Kokku Kesava Rao	Former Deputy General Manager – ECIL
4	Vemparla Sri Ramachandra Murthy	Electronics Engineer – Tata Motors, TCS & Tata Technologies
5	K. Nageswara Rao	Former Dy. Project Director – ISRO; Former General Manager (QA) – Astra Microwave Products
6	B. V. L. Narasimham	SAP & IT Consultant – TCS, ITC & USA-based Organizations
7	Gampa Narasimha Murthy	Electronics Engineer – Metallurgical & Chemical Industries
8	Oruganti V. L. N. Murthy	Former Additional General Manager & Head, Antenna Products & Satcom Division – ECIL
9	Peddada V. L. N. Murthy	IT Consultant – TCS & Cognizant Technologies

10	Rallabandi Prabhakara Rao	Former Additional General Manager – ECIL
11	K. Ramachandra Rao	Scientist – BARC, Mumbai
12	Saripalli V. Ramana Murthy	International IT Consultant (India, Australia, New Zealand & Oman)
13	Pulapaka Ramakrishna Rao	IT Consultant – DLRL, ECIL, Tata Infotech, CapGemini & Australian Banking Sector
14	Gorthi Ravi Prakash	IT Consultant & Emeritus Professor of CSE
15	A. Samba Siva Rao	Specialist Engineer – Computer Systems Maintenance
16	Kanagarla Satyanarayana	Former Deputy General Manager – ECIL
17	Sesha Giri Rao	Former Assistant Professor – IIT Kharagpur; RF & Antenna Engineer (Canada & USA)
18	Cheruvu Sivaiah	IT Consultant – TCS & International IT Projects
19	T. Suresh	Former Additional General Manager – ECIL
20	Gottemukkala Suryanarayana Raju	Former Additional Secretary, Govt. of India; LRDE, NTRO, VEM & Ananth Technologies
21	Ruddarraju Suryanarayana Raju	R&D Expert – CSIR; Dean (R&D), GIET Rajahmundry
22	Pachineelam Trivikrama Rao	Former Senior DE & Deputy General Manager – Oil India Ltd. & BSNL
23	Tummala Venkata Ramesh	Former Principal General Manager – BSNL
24	Patamatta Venkata Ramana	Scientist/Engineer – BARC (26 Years Service)
25	Dr.A.Vidya Sagar	Founder and CEO, AVANTEL Ltd.

DEPARTMENT ACTIVITIES

The Department of Electronics and Communication Engineering regularly organizes academic, professional, social, and student development activities, including NSS programmes, cultural celebrations, industrial visits, project reviews, BOS meetings, and student interaction sessions. Career guidance and expert talks from academia and industry provide valuable exposure to higher education, research, emerging technologies, and professional opportunities, supporting students' overall growth and development.

Workshops/ Training Programs/FDPs Organised



The Department of Electronics and Communication Engineering actively promotes research, innovation, industry collaboration, and academic excellence through published patents, strategic MoUs with organizations such as WIPRO, AVANTEL, E&ICT Academy–NIT Warangal, and SKFED, and continuous skill development initiatives. Faculty members have also received prestigious awards for excellence in teaching, research, and academic contributions, reflecting the department's strong commitment to quality education and innovation.



GUEST LECTURES

A series of expert lectures by eminent academicians and industry professionals from IISc Bangalore, NIT Warangal, CSIR-NGRI Hyderabad, and other reputed institutions provided insights into emerging technologies, VLSI, AI, Industry 4.0, Quantum Technologies, Intellectual Property Rights, research opportunities, career development, and professional activities.



ACADEMICIANS VISIT & ALUMNI INTERACTIONS

The department actively promotes interaction with eminent academicians and distinguished alumni to enhance students' academic and professional growth. Experts from premier institutions such as IISc Bangalore, NIT Warangal, NIEPA New Delhi, and CSIR-NGRI Hyderabad visited the department and shared insights on emerging technologies, research opportunities, and higher education. Alumni from reputed organizations including Google, Wipro, Cisco, Palo Alto Networks, All India Radio, and other leading industries regularly interacted with students through invited talks, mentoring sessions, and Board of Studies activities, contributing to career guidance, curriculum enrichment, and stronger industry-academia connect.



IEEE ACTIVITIES



IEEE STUDENT BRANCH INAUGURATION

IEEE STUDENT BRANCH ACTIVITIES



IEEE- EBSCO

IEEE - WORKSHOPS

On 19th November, as part of the Oak Jubilee celebrations, JNTUK organized a one-day workshop on "Transforming the Future of Research" in collaboration with IEEE and EBSCO. The workshop focused on research tools, open-science resources, publishing support, and scholarly communication, benefiting around 100 faculty members, research scholars, and students.

Over the last three years, the Department of ECE has actively organized various technical and professional activities through its professional societies. A total of 18 activities were conducted under IEEE, 2 activities under IETE, and 3 activities under the ECE Association, promoting technical knowledge, professional development, and student engagement.

IETE ACTIVITIES

The Department of ECE successfully conducted the IETE General Body Elections and organized various IETE activities, including technical lectures, orientation programmes, and professional development initiatives. These activities encouraged student leadership, professional networking, and active participation in technical society events.



Student Association Activities



ESPARX- 2024

ESPARX-2025

ESPARX-2026

COMMUNITY ENGAGEMENT

The Department of ECE organizes a Clean & Green Programme on the third Saturday of every month, with active participation from students and faculty to promote environmental awareness, campus cleanliness, and social responsibility.



STUDENT ACTIVITY CENTRE

ECE Department has established the Student Activity Centre by launching the Student Innovation Club, Technical Club, Music & Cultural Club, and Sports Club to promote innovation, technical excellence, leadership, creativity, teamwork, and holistic student development through academic and extracurricular activities.



STUDENT INNOVATION CLUB



TECHNICAL CLUB



SPORTS CLUB

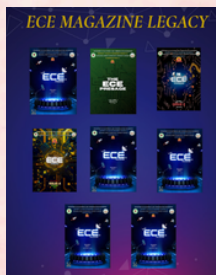


CULTURAL & MUSIC CLUB



DEPARTMENT MAGAZINE

The Department of ECE publishes ECE PRESAGE, its official quarterly magazine, showcasing academic achievements, research activities, student innovations, alumni contributions, and departmental events. Since its launch in January 2024, nine editions have been released, with a new edition published every three months, promoting technical writing, knowledge sharing, and departmental excellence.



OTHER ACTIVITIES

GALLERY HALL INAUGURATION - 06.01.2025



AVANTEL COE INAUGURATION - 04.01.2026



AYUDHA POOJA CELEBRATIONS - 2024,2025



Vision for the Future

- Introduce a B.Tech programme in VLSI Design to meet the growing demand in the semiconductor industry.
- Strengthen collaboration with EFFECTRONICS and expand partnerships with industries such as Avante!, Wipro, MosChip, Dream Chip Electronics, etc. for internships, research, and placements.
- Develop industry-sponsored laboratories and establish MoUs with reputed companies.
- Strengthen research and innovation in 5G/6G, VLSI, Quantum Computing, AI/ML, Signal Processing, and Embedded Systems.
- Establish advanced laboratories, including Wireless Communication Lab, Innovation & Start-up Center, and VLSI Design Center.
- Achieve NBA accreditation for all PG programs and contribute towards NAAC A++ goals.
- Promote patents, funded projects, and high-quality research publications.
- Enhance student skills, internships, higher studies guidance, and placement opportunities.
- Build a strong alumni network for mentoring and industry support.
- Organize international conferences, FDPs, and workshops regularly.
- Strive to place the department among the Top 50 in NIRF rankings through excellence in teaching, research, and placements.

