SANTHIRAM ENGINEERING COLLEGE
(AUTONOMOUS)
Nandyal - 518501, Nandyal Dist., Andhra Pradesh
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
NAAC A GRADE
NBA NATIONAL BOARD OF ACCREDITATION
AICTE APPROVED | AFFILIATED TO JNTUA, ANANTAPURAMU

SPECTRUM

Signals of Innovation, Waves of Excellence

ECE DEPARTMENT NEWSLETTER | VOLUME 6 | ISSUE 1 | ACADEMIC YEAR 2024-25 | JAN-MAR 2025

IGNITING IDEAS, EMPOWERING FUTURES.

Driving innovation in Electronics & Communication Engineering for a smarter, connected tomorrow.



TECHNOLOGY
Emerging Technologies

COMMUNICATION
Wireless & Networks

INNOVATION
Research & Projects

ACHIEVEMENT
Student Success

ECE DEPARTMENT NEWSLETTER

TECHNOLOGY • COMMUNICATION • INNOVATION • ACHIEVEMENT

IGNITING IDEAS, EMPOWERING FUTURES



SANTHIRAM ENGINEERING COLLEGE
(AUTONOMOUS)
NANDYAL, ANDHRA PRADESH
APRIL - JUNE 2024

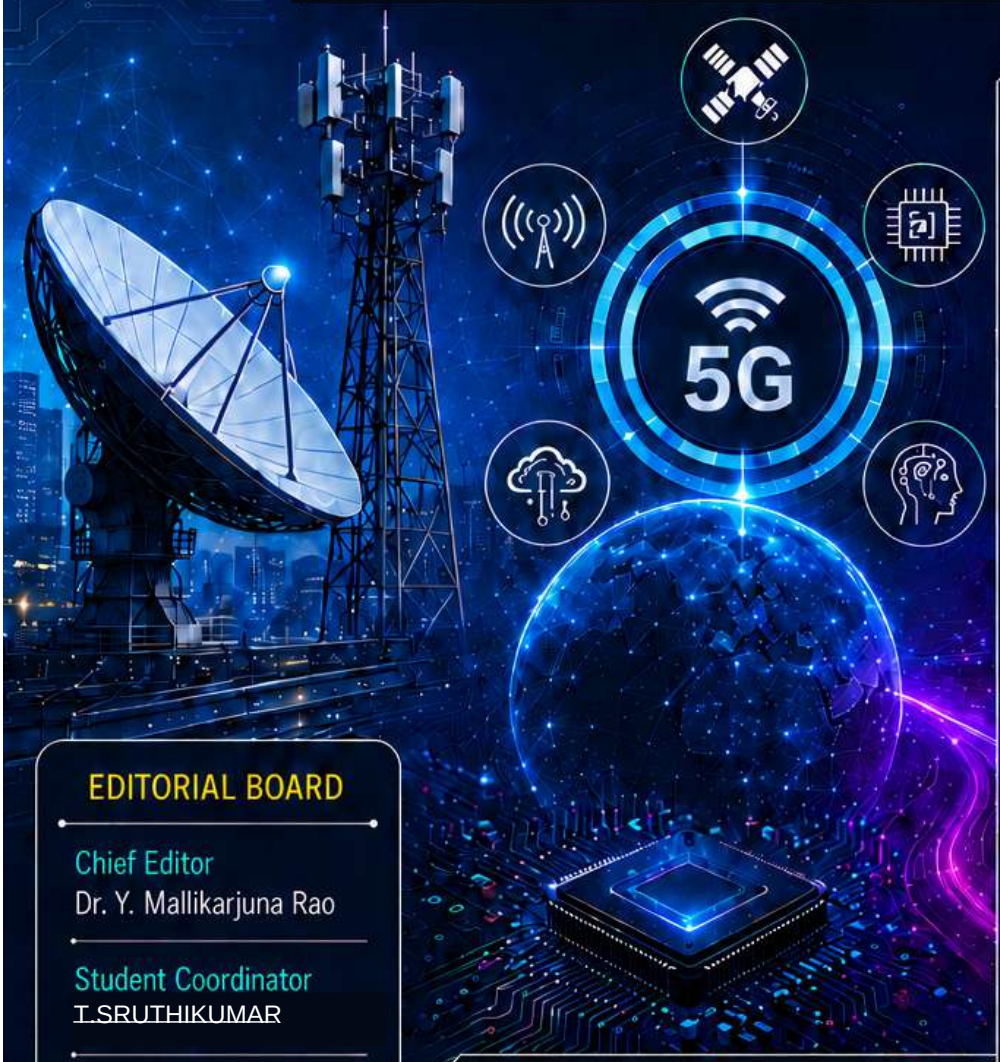
SANTHIRAM ENGINEERING COLLEGE
(AUTONOMOUS)
Nandyal - 518501, Nandyal Dist., Andhra Pradesh
NAAC A GRADE
NATIONAL BOARD OF ACCREDITATION
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
AICTE APPROVED | AFFILIATED TO JNTUA, ANANTAPURAMU

SPECTRUM

Signals of Innovation, Waves of Excellence

ECE DEPARTMENT NEWSLETTER

VOLUME 6 | ISSUE 1 | ACADEMIC YEAR 2024-25 | JAN-MAR 2025



INSIDE OF ISSUE

1. About the College
2. College Vision & Mission
3. About the Department
4. Department Vision & Mission
5. Programme Outcomes (POs)
6. Programme Specific Outcomes (PSOs)
7. Messages
8. Department Programs and Achievements
9. Faculty Achievements
10. Student Achievements

EDITORIAL BOARD

Chief Editor
Dr. Y. Mallikarjuna Rao

Student Coordinator
T.SRUTHIKUMAR

Editorial Team
Department of ECE

INNOVATE | CONNECT | TRANSFORM

SANTHIRAM ENGINEERING COLLEGE
(AUTONOMOUS)
Nandyal - 518501, Nandyal Dist., Andhra Pradesh

NAAC A GRADE

NBA NATIONAL BOARD OF ACCREDITATION

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

AICTE APPROVED | AFFILIATED TO JNTUA, ANANTAPURAMU

ABOUT THE COLLEGE



Santhiram Engineering College (SREC), Nandyal, sponsored by M/s Sri Shirdi Sai Educational Academy, was established in 2007 under the able guidance of Dr. M. Santhiramudu, Chairman, with the noble motto "Education for Peace and Progress." The institution is autonomous from the academic year 2023–24 and is accredited by NAAC with Grade A (3.2/4.0) and by NBA for its B.Tech. programmes in ECE and CSE. Approved by AICTE, New Delhi, recognised by UGC under Sections 2(f) and 12(B), and permanently affiliated to JNTUA, Ananthapuramu, SREC is also a recognised research centre and spot evaluation centre of JNTUA. Spread across a serene 10.5-acre green campus, the college offers digitally equipped classrooms, state-of-the-art laboratories, quality research, publications, patents, funded projects, excellent placement opportunities, and secure hostel facilities for both boys and girls. With 19 years of academic excellence, University Gold Medals, State Prathibha Awards, and a wide range of undergraduate, postgraduate, MBA, and MCA programmes, SREC continues to nurture competent, innovative, and socially responsible professionals.



VISION

To become a nucleus for pursuing technical education and pool industrial research and developmental activities with social-conscious and global standards.



MISSION

To provide Advanced Educational Programs and prepare students to achieve success and take leading roles in their chosen fields of specialization by arising a self-sustained University.

SANTHIRAM ENGINEERING COLLEGE
(AUTONOMOUS)
Nandyal - 518501, Nandyal Dist., Andhra Pradesh
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
NAAC A GRADE
NATIONAL BOARD OF ACCREDITATION
AICTE APPROVED | AFFILIATED TO JNTUA, ANANTAPURAMU

ABOUT DEPARTMENT



Anticipating the growing importance of electronics and wireless communication in modern society, the Department of Electronics and Communication Engineering was established in 2007 with a vision to impart quality technical education and nurture innovation among young minds. The department began with an initial intake of 60 students, which was increased to 90 in 2008 and further to 120 in 2009, reflecting the rising demand for skilled electronics and communication engineers. To meet the expanding needs of the industry and academia, the department introduced a Master of Technology (M.Tech) program in VLSI System Design in 2011 with an intake of 18 students, recognizing the immense potential in the area of Very-Large-Scale Integration (VLSI) design. In tune with the advancements in embedded technology and its applications, a new postgraduate program. The department's B.Tech-ECE program has been accredited by the National Board of Accreditation (NBA) for a period of three years, from the academic year 2023–24 to 2025–26, in recognition of its robust academic framework, quality teaching, and outcome-based education.

VISION

Emerge as a centre for quality education in Electronics & Communication Engineering to create competent professionals

MISSION

1. Offer quality programs in Electronics & Communication Engineering aimed at fulfilling the needs of society and industry.
2. Impart skills and develop scientific temper to solve complex technological problems of current times.
3. Nurture ethics, talent, and entrepreneurship to inculcate professional development of students.

SANTHIRAM ENGINEERING COLLEGE
(AUTONOMOUS)
Nandyal - 518501, Nandyal Dist., Andhra Pradesh

NAAC A GRADE

NBA NATIONAL BOARD OF ACCREDITATION

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

AICTE APPROVED | AFFILIATED TO JNTUA, ANANTAPURAMU

PROGRAMME OUTCOMES (POs) & PSOs

1. **PO1: Engineering Knowledge:** Apply knowledge of mathematics, science, engineering fundamentals, and ECE specialisation to solve complex engineering problems.
2. **PO2: Problem Analysis:** Identify, formulate, review research literature, and analyse complex engineering problems to reach appropriate conclusions.
3. **PO3: Design and Development of Solutions:** Design solutions for complex engineering problems and develop system components or processes that meet specified needs, considering public health, safety, culture, society, and the environment.
4. **PO4: Conduct Investigations:** Use research-based knowledge and methods, including experimentation, analysis, and interpretation of data, to obtain valid conclusions.
5. **PO5: Modern Tool Usage:** Create, select, and apply suitable techniques, resources, and modern engineering and IT tools for modelling, analysis, and solution of complex engineering problems.
6. **PO6: Engineer and Society:** Apply contextual knowledge to assess societal, health, safety, legal, and cultural issues related to professional engineering practice.
7. **PO7: Environment and Sustainability:** Understand the impact of engineering solutions in societal and environmental contexts and demonstrate awareness of sustainable development.
8. **PO8: Ethics:** Apply ethical principles and commit to professional ethics, responsibilities, and norms of engineering practice.
9. **PO9: Individual and Team Work:** Function effectively as an individual and as a member or leader in diverse and multidisciplinary teams.
10. **PO10: Communication:** Communicate effectively with the engineering community and society through reports, documentation, presentations, and clear technical communication.
11. **PO11: Project Management and Finance:** Demonstrate knowledge of engineering and management principles and apply them in individual and team work to manage projects effectively.
12. **PO12: Life-Long Learning:** Recognise the need for and engage in independent and life-long learning to adapt to technological changes.

PROGRAMME SPECIFIC OUTCOMES (PSOs)

- **PSO1:** Apply the principles of electronic devices, circuits, embedded systems, VLSI, and communication engineering to design, analyse, and implement electronic systems.
- **PSO2:** Design and develop solutions in analogue and digital communication, wireless networks, signal processing, and related applications using modern tools.
- **PSO3:** *Develop innovative, sustainable, and industry-oriented solutions through research, teamwork, ethical practice, and continuous learning in emerging areas of Electronics and Communication Engineering.*

SANTHIRAM ENGINEERING COLLEGE
(AUTONOMOUS)
Nandyal - 518501, Nandyal Dist., Andhra Pradesh
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
AICTE APPROVED | AFFILIATED TO JNTUA, ANANTAPURAMU

MESSAGES

CHAIRMAN'S MESSAGE



It gives me immense pleasure to present SPECTRUM, the newsletter of the Department of Electronics and Communication Engineering. It reflects the academic achievements, innovative activities, research contributions, and creative spirit of our students and faculty members.

I appreciate the efforts of the Department of ECE in nurturing competent professionals through quality education, innovation, and value-based learning. I extend my best wishes to the editorial team, faculty members, and students for the continued success of SPECTRUM.

Chairman

MANAGING DIRECTOR'S MESSAGE



I am delighted to share my message for SPECTRUM, the newsletter of the Department of Electronics and Communication Engineering. This publication is a proud reflection of the department's commitment to academic excellence, innovation, research, and student development.

I encourage students to make the best use of the opportunities provided by the institution, strengthen their technical knowledge, and develop the skills needed to serve society with responsibility and confidence. I convey my best wishes to the faculty, students, and editorial team.

Managing Director

SANTHIRAM ENGINEERING COLLEGE
(AUTONOMOUS)
Nandyal - 518501, Nandyal Dist., Andhra Pradesh
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
NAAC A GRADE
NATIONAL BOARD OF ACCREDITATION
AICTE APPROVED | AFFILIATED TO JNTUA, ANANTAPURAMU

MESSAGES

PRINCIPAL'S MESSAGE



It gives me immense pleasure to present SPECTRUM, the newsletter of the Department of Electronics and Communication Engineering. The newsletter reflects the academic achievements, innovative activities, research contributions, and creative spirit of our students and faculty members. I encourage students to pursue knowledge with curiosity, discipline, integrity, and a commitment to excellence. I appreciate the Department of ECE for nurturing competent professionals through quality education, innovation, and value-based learning. My best wishes to the editorial team, faculty members, and students for the continued success of SPECTRUM.

Principal

HoD'S MESSAGE



I am delighted to share my message for SPECTRUM, the newsletter of the Department of Electronics and Communication Engineering. This publication reflects our department's commitment to academic excellence, innovation, research, and student development. We aim to provide a strong learning environment that enables students to build sound technical knowledge, problem-solving ability, professional ethics, and confidence. I encourage every student to participate actively in academic, research, and co-curricular activities. My best wishes to all faculty members, students, and the editorial team.

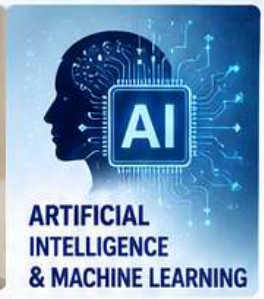
Head of Department

SANTHIRAM ENGINEERING COLLEGE
(AUTONOMOUS)
Nandyal - 518501, Nandyal Dist., Andhra Pradesh
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
AICTE APPROVED | AFFILIATED TO JNTUA, ANANTAPURAMU
NAAC A GRADE
NBA NATIONAL BOARD OF ACCREDITATION
Innovate Connect Excel...

SPECTRUM
Signals Ideas Innovation
ECE NEWSLETTER - JAN-MAR 2025
VOL. 6 | ISSUE 1
ACADEMIC YEAR 2024-25
JAN-MAR 2025

EVENTS ORGANIZED

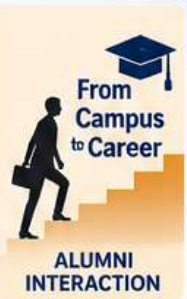




One Day Online Webinar on "Artificial Intelligence & Machine Learning"

One Day Online Webinar on "Artificial Intelligence & Machine Learning" was held on 23 Apr, 2024.
In Association with Pantech e Learning.





One Day Alumni Program on "Transition from Campus to Career"

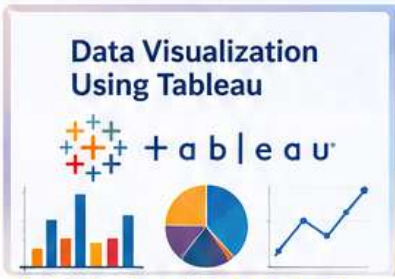
One Day Alumni Program on "Transition from Campus to Career" was held on 27 Apr, 2024. Ms. Suneetha, S/W Developer, Centrico India S/W Pvt. Ltd acted as Resource person for this program.

FACULTY DEVELOPMENT PROGRAMMES (FDPs)





Ms. B. Alekya Himabindu, Asst. Prof attended Faculty Development Program on Generative AI, during 01-06 Apr, 2024, organized by Dr D Y Patil College of Engineering & Innovation, Pune.





Mr. V. Sankarnath, Asst. Prof attended Faculty Development Program on Data Visualization Using Tableau, during 01-05 Apr, 2024, organized by Mohan Babu University, Tirupati.

FACULTY PATENTS



IPR India Patent and Trademark Office has granted **Patent No. 413594-001** to **Dr. Y. Mallikarjuna Rao** for his innovative Design of **"AI & CLOUD BASED PUBLIC SECURITY CAMERA DEVICE"** as of 13 June, 2024.

INTELLECTUAL PROPERTY INDIA
PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS

FACULTY PUBLICATIONS

1. Dr. M. V. Subranyam, et.al, **"Adaptive Mobility Target Tracking with Metaheuristic Aided Target Movement Prediction Scheme** in Wireless Sensor Network", Wireless Personal Communications, Vol. 34, Apr-2024. **(SCIE Indexing)**
2. **S. JayaMangala, et.al, "Optimizing biocompatible materials for personalized medical implants using reinforcement learning and Bayesian strategies",** The Scientific Temper, Vol. 15, No. 01, Apr-2024. **(WoS indexing)**
3. Dr. Y. Mallikarjuna Rao, Mr. S. Rambabu, et.al, **"Performance** Analysis of Nano Transistor Based Binary and Ternary Logic Gates", International Journal of Integrated Engineering, Vol. 16, No. 02, Apr-2024. **(ESCIE Indexing)**

SANTHIRAM ENGINEERING COLLEGE
(AUTONOMOUS)
Nandyal - 518501, Nandyal Dist., Andhra Pradesh

NAAC A GRADE

NATIONAL BOARD OF ACCREDITATION

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

AICTE APPROVED | AFFILIATED TO JNTUA, ANANTAPURAMU

Innovate Connect Excel...

SPECTRUM

Signals
Ideas
Innovation

ECE NEWSLETTER — JANUARY–MARCH 2025

VOL. 6 | ISSUE 1
ACADEMIC YEAR 2024-25

DEPARTMENT ACHIEVEMENTS

1. **Mr. S. Mohammad Eliyas** has been awarded a **Certificate of Appreciation** for his instrumental role as **SPOC** for the **SWAYAM-NPTEL** Local Chapter at Santhiram Engineering College, Kurnool, Andhra Pradesh, which was rated **'A'** based on performance in NPTEL Online Certification Courses.
2. The Department has been selected to establish the **PNT Lab** under the IIT Tirupati Navavishkar I-Hub Foundation (IITTNif), with **Dr. G. Sowmya** as the project coordinator. The proposal value is **₹4.00 Lakhs**.



FACULTY ACHIEVEMENTS

1. Dr. Y. **Mallikarjuna Rao** has achieved **100% result** in the **IoT subject** for IV B. Tech I-Sem, Sections A & B.
2. **Dr. Sowmya** has achieved **100% result** in the **Smart Sensor (SS)** subject for IV B. Tech I-Sem, Section B.
3. **Mr. V. Sankarnath** has achieved **100% result** in the **Web Technology (WT)** subject for IV B. Tech I-Sem, Section B.
4. Mrs. B. Alekhya Hima Bindu has **reviewed** papers for the **3rd Congress on Control, Robotics, and Mechatronics (CRM 2025)**, during 01-02 Feb, 2025 at SR University, Warangal, India.
5. Mrs. B. Alekhya Hima Bindu has **reviewed** papers for the **2nd World Congress on Smart Computing (WCSC 2025)**, during 22-23 Feb, 2025 at the School of Engineering, Babu Banarasi Das University, Lucknow, India.
6. Mrs. B. Alekhya Hima Bindu has qualified for **UGC-NET**, December 2024.
7. Mr. N. Sreenivasa Rao has qualified for the **GRADUATE APTITUDE TEST IN ENGINEERING (GATE)**, March 2025.



FACULTY DEVELOPMENT PROGRAMS

1. The following faculty members attended **Five Days FDP** on **"Emerging Wireless Technologies for 6G"** during 06-10 Jan, 2025 organized by the Department of ECE, CVR College of Engineering, Ibrahimpatnam.
   - **Mrs. S. Jayamangala**
   - Mrs. G. Neelima
2. Mrs. B. Alekhya Hima Bindu has participated in a One-week FDP on **"Cross Roads of AI and Signal Processing"** during 27 Jan-01 Feb, 2025 organized by Shri Vile Parle Kelavani Mandal's Dwarkadas J. Sanghvi College of Engineering.
3. **Mrs. G. Neelima** has participated in a Five Days FDP on **"AI Tools"**, during 17-25 Feb, 2025 organized by the Department of CSE, Santhiram College of Engineering, Nandyal.
4. Ms. S. Jayamangala has participated in a national level one-week online FDP on **"Unlocking Innovation: Research Funding, Proposal writing, and IPR Strategies for Startups"** during 03-08 Mar, 2025 organized by the Department of EEE, Joginpally B R Engineering College, Hyderabad.
5. **Dr. K. Rajkumar** has participated in a Faculty Development Program on **"Innovation & Entrepreneurship"**, during 24-28 Mar, 2025 organized by IISER, Tirupati.

Learn | Upgrade | Lead

FACULTY PATENTS

1. IPR India Patent and Trademark Office has Published Patent to **Dr. N. Praveen Kumar** for his innovative Design of **"Developing Efficient Electronic Health Record Systems Using Secure Wireless Communication"** of March 2025.



WORKSHOPS ATTENDED

1. Mrs. S. Jayamangala has participated in One Week Short Term Training Program on **"Artificial Intelligence Techniques, Machine Learning, and Data Science with Research Applications and Research Paper Writing with AI Tools"** during 20-25 Jan, 2025 organized by the Francis Xavier Engineering College, Tamil Nadu.
2. Mr. M. Mahesh Kuma has participated in a workshop on **'Academic to Entrepreneur – Harnessing Knowledge for Impact"**, organized by the Management & Entrepreneurship and Professional Skill Council held on 18 Feb, 2025.
3. Mr. S. Mohammad Eliyas has participated in a workshop on **NPTEL** organized by the IIT, Madras.



FACULTY JOURNAL PUBLICATIONS

1. Dr. Y. Mallikarjuna Rao, et.al, **"A novel eye disease segmentation and classification model using advanced deep learning network"** for a Bio-Medical Signal Processing and Control indexed by **SCI**.
2. Dr. Y. Mallikarjuna Rao, et.al, **"A novel Energy Aware Cluster Head Selection Algorithm for Wireless Sensor Networks"** for a Telecommunications and Radio Engineering indexed by **Scopus**.
3. Mr. S. Javid Basha, et.al, **"High Performance and PVT Variation Tolerant Design for a Ternary Multiplier Using GNRFET Technology"**, Circuits, Systems, and Signal Processing, March 2025 indexed by SCI.
4. S. Javid Basha, et.al, **"An Efficient Technique to Design Ternary Logic Schematics with Pseudo N-GNRFETs"** in Russian Microelectronics Journal, vol. 53, Pgno: S68–S74, March 2025, indexed by **Scopus**.



Research
Publish
Progress

SANTHIRAM ENGINEERING COLLEGE
(AUTONOMOUS)
Nandyal - 518501, Nandyal Dist., Andhra Pradesh

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

NAAC A GRADE | NATIONAL BOARD OF ACCREDITATION

AICTE APPROVED | AFFILIATED TO JNTUA, ANANTAPURAMU

Innovate Connect Excel...

Signals Ideas Innovation

SPECTRUM

ECE NEWSLETTER — JANUARY–MARCH 2025

VOL. 6 | ISSUE 1
ACADEMIC YEAR 2024-25

DEPARTMENT ACHIEVEMENTS

1. **Mr. S. Mohammad Eliyas** has been awarded a **Certificate of Appreciation** for his instrumental role as **SPOC** for the **SWAYAM-NPTEL Local Chapter** at Santhiram Engineering College, Kurnool, Andhra Pradesh, which was rated 'A' based on performance in NPTEL Online Certification Courses.
2. The Department has been selected to establish the **PNT Lab** under the IIT Tirupati Navavishkar I-Hub Foundation (IITTNiF), with **Dr. G. Sowmya** as the project coordinator. The proposal value is **₹4.00 Lakhs.**



FACULTY PATENTS

1. IPR India Patent and Trademark Office has Published Patent to **Dr. N. Praveen Kumar** for his innovative Design of **"Developing Efficient Electronic Health Record Systems Using Secure Wireless Communication"** of March 2025.



WORKSHOPS ATTENDED

1. **Mrs. S. Jayamangala** has participated in **One Week Short Term Training Program** on **"Artificial Intelligence Techniques, Machine Learning, and Data Science with Research Applications and Research Paper Writing with AI Tools"** during 20-25 Jan, 2025 organized by the Francis Xavier Engineering College, Tamil Nadu.
2. **Mr. M. Mahesh** Kuma has participated in a workshop on **'Academic to Entrepreneun – Harnessing Knowledge for Impact,'** organized by the Management & Entrepreneurship and Professional Skill Council held on 18 Feb, 2025.
3. **Mr. S. Mohammad Eliyas** has participated in a workshop on **NPTEL** organized by the IIT, Madras.



Learn | Collaborate | Grow

FACULTY ACHIEVEMENTS

1. **Dr. Y. Mallikarjuna Rao** has achieved **100% result** in the **IoT subject** for IV B. Tech I-Sem, Sections A & B.
2. **Dr. Sowmya** has achieved **100% result** in the **Smart Sensor (SS)** subject for IV B. Tech I-Sem, Section B.
3. **Mr. V. Sankarnath** has achieved **100% result** in the **Web Technology (WT)** subject for IV B. Tech I-Sem, Section B.
4. Mrs. B. Alekhya Hima Bindu has **reviewed papers** for the **3rd Congress on Control, Robotics, and Mechatronics (CRM 2025)**, during 01-02 Feb, 2025 at SR University, Warangal, India.
5. Mrs. B. Alekhya Hima Bindu has **reviewed papers** for the **2nd World Congress on Smart Computing (WCSC 2025)**, during 22-23 Feb, 2025 at the School of Engineering, Babu Banarasi Das University, Lucknow, India.
6. Mrs. B. Alekhya Hima Bindu has qualified for **UGC-NET**, December 2024.
7. Mr. N. Sreenivasa Rao has qualified for the **GRADUATE APTITUDE TEST IN ENGINEERING (GATE)**, March 2025.



FACULTY CONFERENCE PUBLICATIONS

1. **Mr. S. Rambabu**, et.al, has presented a paper **"An Effective FPGA-based Real-time System for Measuring Temperature and Light Intensity Using UART Protocol"** in the 6th International Conference on Mobile Computing and Sustainable Informatics (ICMCSI 2025) held on 7-8 Jan, 2025 at Paranuchal University, Nepal. **(Scopus Indexed)**
2. **Mr. S. Rambabu**, et.al has presented a paper **"CNTFET-RMGDI Based Full swing BCD to Seven Segment display for low power application"** in the 3th International Conference on Electronics and Renewable Systems (ICEARS 2025) held on 11-13 Feb, 2025 at St. Mother Teresa Engineering College, Tuticorin, Tamil Nadu, India. **(Scopus Indexed)**
3. **Dr. G. Sowmya**, et.al, **"A 2.45 GHz Rectifier Matching Circuit for Radio Frequency Energy Harvesting"** for an IEEE Microwaves, Antennas, and Propagation Conference (MAPCON). **(Scopus Indexed)**
4. **Mr. P. Surendra Babu** has presented a paper **"Design of adder Circuits Using GNRFETs in Ternary Logic"** in the 7th International Conference on Intelligent Sustainable Systems (ICISS 2025) at SCAD College of Engineering and Technology, Tirunelveli, India. **(Scopus Indexed)**
5. Mrs. S. **JayaMangala** has presented a paper **"Crop Disease and Pest management in Agriculture via UAV Remote sensing and Advanced Machine Learning Models"** in the 3rd international conference on Integrated Circuits and Communication Systems (ICICACS-2025) at M. Visvesvaraya College of Engineering, Raichur during 21-22 Feb, 2025. **(Scopus Indexed)**

STUDENT ACHIEVEMENTS

1. **A. Mouli Vardan** (22XS5A0401), has participated in the **"18th National Level Techeical Symposium - Pravaha-2K25"** held on 18 Feb, 2025 at RGM **Nandyal and won** First prize.
2. The following students participated in the **"18th National Level Technical Symposium - Pravaha-2K25"** held on 18 Feb, 2025 at RGM Nandyal.
   i. G. Naga Vaishnavi (21XS1A0431)
   ii. B. Sunandha (23XS1A0406)
   iii. Akshaya (23XS1A0453)
   iv. M. Srivani (23XS1A0454)
   v. V. Sumanth Kumar (23XS1A0460)
   vi. S. Naga Karthik (23XS1A0490)
   vii. P.R.S. Vardhan Babu (22XS1A0468)
   viii. S. Dhanush (22XS1A0474)
3. The following students participated in the **National Level Students Meet** in **Kabaddi (Men)** during 07-09 Feb, 2025 in **"QIS FEST-2025"**, Ongole.
   i. P. Arjun (23XS1A0484)
   ii. P. Aravind (23XS1A0485)
   iii. P. Naga Chaitanya (23XS1A0477)
4. The following students participated in the National Level Students Meet in **VOLLEY BALL (Men)** during 07-09 Feb, 2025 in **"QIS FEST-2025"**, Ongole.
   i. B. Bharath Tejeswar Reddy (22XS1A0403)
   ii. K. V. Dhanesh Yadav (22XS1A0438)
   iii. C. Ismail (22XS1A0416)
5. **S. Venkata Sai Kumar** (23XS1A0491) has participated in the National Level Students Meet in **CHESS (Men)** during 07-09 Feb, 2025 in **"QIS FEST-2025"**, Ongole.
6. A Total of 500 ECE Students were participated in PPTs, quizzes, and Ideathon in the two-day National Level Technical Symposium **"EMINENCE-SIGMA 2K25"**.
7. **N. Sandeep Kumar** (22XS1A0447) has participated in the Men's **Badminton** event in the **"12th JNTUA Games Meet"**, held at JNTUA College of Engineering, Kalikiri during 21-22 Mar, 2025. He was awarded the **Runner-up Prize.**
8. The following students participated in the Men's Volley Ball event in the **"12th JNTUA Games Meet"** held at JNTUA College of Engineering, Kalikiri, during 21-22 Mar, 2025.
   i. S. Charan Kumar (23XS1A0489)
   ii. B. Bharath Tejeswar Reddy (22XS1A0403)
   iii. K. V. Dhanesh Yadav (22XS1A0438)
   iv. C. Parusuram (22XS1A0417)
9. The following students participated in the **Women's Throwball** event in the **"12th JNTUA Games Meet"** held at JNTUA College of Engineering, Kalikiri, during 21-22 Mar, 2025.
   i. A. Haritha (22XS1A0428)
   ii. G. Naga Jyothi (22XS1A0428)
   iii. U. Leela Gayathri (22XS1A0494)
10. B. Sravani (23XS1A0405), II-B. Tech II-Sem has participated in the **Woman's Badminton** event at the **"12th JNTUA Games Meet"**, held at JNTUA College of Engineering Kalikiri, during 21-22 Mar, 2025.
11. C. Ismail (22XS1A0416), III-B. Tech II-Sem, participated in the **Men's Badminton event** at the **"12th JNTUA Games Meet"** held at JNTUA College of Engineering, Kalikiri, during 21-22 Mar, 2025.
12. The following students participated Paper Presentation in a **National Level Technical Symposium event-KITES-2K25** held on 07 Mar, 2025 at Dr. K.V. Subba Reddy Institunt of Technology, at Sanool, and won the **Third Prize.**
   i. N. Pramod (22XS1A0460)
   ii. N.P. Gayathri (22XS1A0459)
13. The following students participated **Paper** Presentation in a **National Level Tech, Management & Cultural Fest** event held on 21 Mar, 2025 at SVR Engineering College, Nandyal. 21-22 Mar, 2025.
   i. C.V. Karimulla (23XS1A0416)
   ii. D. Yogendra Sai Teja (23XS1A0418)
   iii. S. Naga Karthik (23XS1A0490)
14. The following students participated Paper Presentation in a workshop on **AI-ML & 24 Hours Hackathon**, during 22-23 Mar, 2025 at Techscelerate BITS, Hyderabed.
   i. T. Sruthi Kumar (23XS1A04B5)
   ii. V. Sumanth Kumar (23XS1A04C6)
   iii. V. Imam Hussain (23XS1A04C2)
   iv. P. Sravan Kumar (23XS1A04B5)
   v. S. Dhunush (23XS1A0474)
   vi. T. Syam Sai Charan (23XS1A04B6)

S.No.	Registration Number	Name of the Student
1	23XS1A0403	Battu Rahul
2	23XS1A0416	Chinna Veeraiah Gari Karimulla
3	23XS1A0418	Darshanaboyina Yogendra Sai Teja Babu
4	23XS1A0423	Dudekula Idrush Basha
5	23XS1A0424	Dudekula Lokitha Reshma
6	23XS1A0429	Gogula Sumanth
7	23XS1A0431	Guddeti Surya Prakash Reddy
8	23XS1A0434	Hajumagari Shaik Yusuff Hussain
9	23XS1A0441	Kolli Amrutha
10	23XS1A0445	Kummari Mohana Krishna
11	23XS1A0447	Kuncha Dhanalakshmi
12	23XS1A0448	Kurukunda Raju
13	23XS1A0449	Lagisetty Yogananda
14	23XS1A0453	Mamilla Akshaya
15	23XS1A0454	Manava Srivani
16	23XS1A0457	Mangali Manohar
17	23XS1A0458	Manikindi Sunilkumar
18	23XS1A0463	Mittamedi Sree Ravindranath
19	23XS1A0464	Moddugalla Sunil
20	23XS1A0472	Naganandi Anusha
21	23XS1A0474	Nallabothula Rajesh
22	23XS1A0477	Padakandla Naga Chaitanya
23	23XS1A0488	Sampangi Vadde Vamshi Krishna
24	23XS1A0492	Santala Surendra
25	23XS1A0498	Shaik Jakeer Hussain
26	23XS1A04A0	Shaik Mabhu Subhani
27	23XS1A04A3	Shaik Naveed Basha
28	23XS1A04A8	Shaik Yaseen
29	23XS1A04B1	Soma Lakshmi Narasaiah
30	23XS1A04B7	Telugu Hussain Gowtham Babu
31	23XS1A04B8	Vadde Kumar Raja
32	23XS1A04C2	Vadla Imam Hussain
33	23XS1A04C6	Vustepalli Sumanth Kumar
34	23XS1A04C7	Yalluru Lakshmi Padmavathi
35	23XS1A04D0	Yapamani Lokesh
36	24XS5A0402	Kavali Gayathri
37	24XS5A0406	Pyapili Venkata Teja
38	23XS5A0414	M Giri Mahendrappa
39	23XS5A0402	C Mahivarun Reddy

SANTHIRAM ENGINEERING COLLEGE
(AUTONOMOUS)
Nandyal - 518501, Nandyal Dist., Andhra Pradesh
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

NAAC A GRADE | NBA NATIONAL BOARD OF ACCREDITATION

AICTE APPROVED | AFFILIATED TO JNTUA, ANANTAPURAMU

Innovate Connect Excel...

SPECTRUM

Signals Ideas Innovation

ECE NEWSLETTER - JAN-MAR 2025

VOL. 6 | ISSUE 1
ACADEMIC YEAR 2024-25

GALLERY OF EVENTS

01



02



03



04



05



06



07

