



NELENA (News of Electrical Engineers Activities)

A Half Yearly News Letter

Department of Electrical and Electronics Engineering

PVP Siddhartha Institute of Technology

Autonomous & Permanent Affiliation to JNTUK, Kakinada

AICTE Approved, Accredited with A⁺ grade by NAAC, NBA Accredited and

ISO 9001: 2015 certified Institution

(Sponsored by Siddhartha Academy of General and Technical Education)

Kanuru, Vijayawada- 520007

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January-June-2025

Faculty Incharge:
Dr. R.Swathi
Dr.D.Ragaleela

Student Coordinator:
K. Vishnu Chaitanya
Sidhardha

Inside:

1. MOU's Executed
2. Faculty Publications
 - (i) International Journals
 - (ii) International Conferences
3. Programmes Organised
4. Programmes attended by staff (seminars / guest lectures / workshops)
5. Faculty Achievements
6. Faculty Interaction with outside World
7. Student Participation
8. Student Achievements
 - (i) Placements
9. Industrial visits

Quotation

"Just one small positive thought in the morning can change your whole day."

Michael

MOU's EXECUTED:

Department executed MOU's with the following firms during Jan-June

2025. M/Vijaya Solar Systems, Vijayawada.

FACULTY PUBLICATIONS:

International Journals:

1. **B. Mohan, M.V. Ramesh**, published a paper titled "Design and Implementation of Electric Vehicle Charging Station Integrated with Different Energy Sources Using Anfis Controller" in *Journal of Theoretical and Applied Information Technology*, Vol.103. Issue No. 4, Pages:426-440, ISSN:1992-8645, February 2025.
2. **Kumar Cherukupalli, Baddu Naik Bhukya, Padmanabha Raju Chinda**. published a paper titled, "A Switched Capacitor – Inductor High Gain DC-DC Converter for Solar PV Applications" in *International Journal of Electrical and Electronics Research (IJEER)*, Vol-103, Issue No-6, PP: 2175-2183, ISSN:1992-8645, March 2025.
3. **Hemalatha Javvaji** published a paper titled, "An Application of Hybrid Sine Cosine Optimization for Developing Sustainable Agriculture Distribution Feeders with Optimal Photovoltaic Systems" in *International Journal of Intelligent Engineering and Systems*, Vol.13, Issue No.1, pp. 102-107, ISSN: 2347-470X, March 2025.
4. **Lenin Kanagasabai** published a paper titled, "Opposition Based Russian Ice Hockey Optimization Algorithm For Power Loss Lessening And Stability Amplification" in *Herald of The Bauman Moscow State Technical University. Series Natural Sciences*, Vol.118, No.1, ISSN: 1812-3368, PP:82-99, March 2025.

5. **K Bhavana** published a paper titled, “An Improved Human Evolutionary Optimization Algorithm for Optimal Integration of Hybrid Fast Charging Stations” in *International Journal of Intelligent Engineering and Systems*. Vol.18, ISSN:2185-3118, No 4, pp.813-825, May 2025
6. **Baddu Naik B** published a paper titled, “Cyberattack Prevention and Detection in Smart Power Systems Using Deep Learning” in *Journal of Theoretical and Applied Information Technology*, Volume 103, Issue 9, PP. 3934 -3944, ISSN: 1992-8645, May 2025.
7. **Srinivasarao Thumati** published a paper titled, “Adaptive Frilled Lizard Optimization for Enhancing Distribution Feeder Performance with Renewables and Charging Stations” in *International Journal of Intelligent Engineering and Systems*, Volume 18, Number 5, pp:760-770, ISSN: 2185-3118, June 2025.
8. **B. Mohan** published a paper titled, “Hybrid Moth Flame Optimization Based Multi-objective Optimal Allocation of Electric Vehicle Charging Stations and Distributed Generation in Radial and Non-radial DS” in *Iranian Journal of Science and Technology, Transactions of Electrical Engineering, Springer*, vol. 49, Issue 2, ISSN: 2228-6179, June 2025. (SCIE)

International Conferences:

1. **Lenin Kanagasabai** published a paper titled, “Quasi Opposition-Based Hybrid Thunnus—Parupeneus Cyclostomus Optimization Algorithm for Factual Power Loss Reduction” in *Recent Advances in Power Systems. EPREC 2024. Lecture Notes in Electrical Engineering*. pp 135–147, Conference Proceedings, Springer, Singapore, ISBN: 978-981-97-7920-8, January, 2025.
2. **Lenin Kanagasabai** published a paper titled, “Enriched Melanosuchus search Optimization and Downhill snowboarding inspired Algorithm for True Power Loss Lessening in Electrical Transmission System” in *Proceedings of 10th Virtual International Conference on Science, Technology and Management in Energy, eNergetics 2024*. pp 277- 284, ISBN: 978-86-82602-05-7, January, 2025.
3. **Lenin Kanagasabai** published a paper titled, “Novel Chaotic Lévy Based Hybrid Frillback—Firefly Algorithm for Solving the True Power Loss Reduction in Electrical Power Transmission System”, *Control Applications in Modern Power Systems. EPREC 2024, Lecture Notes in Electrical Engineering*, pp. 285-299, Conference Proceedings, Springer, Singapore, ISBN:978-981-96-0103-5, March 2025
4. **Lenin Kanagasabai** published a paper titled, “Novel Enhanced Astacus optimization algorithm for real power loss diminution in grid-connected renewable energy system”, in *2025 Fourth International Conference on Power, Control and Computing Technologies (ICPC2T)*, pp. 1-6, ISBN: 979-8-3315-3040-2, April 2025.

5. **Lenin Kanagasabai** published a paper titled, “Sustainable Electric Power Transmission by Novel Quasi Opposition-Based Creation of Infrastructure and Enhancing the Quality of Education Based Algorithm: A Case Study on Vijayawada Region” ,in *2025 3rd IEEE International Conference on Industrial Electronics: Developments & Applications (ICIDEA)*, pp. 1-6, ISBN: 979-8-3315-3320-5, April 2025.
6. **Lenin Kanagasabai** published a paper titled, “Enhanced Canvasback Swarm Algorithm for Active Power Loss Diminution and Voltage Stability Enhancement”, in *2024 IEEE International Conference on Power Electronics, Drives and Energy Systems (PEDES)*, pp. 1-6, ISBN: 979-8-3503-7247-2, April 2025
7. **Lenin Kanagasabai** published a paper titled. “Hybrid Red Kite- Four features of Industrial Production inspired- Dacelo leachii Optimization Algorithm for Solving Real Loss Diminution in Electrical Power Transmission System” in *International Conference on Sustainable Power and Energy Research, ICSPER 2024. Lecture Notes in Electrical Engineering*. pp 465- 480, Conference Proceedings, Springer, Singapore, ISBN: 978-981-96-0823-2, May, 2025.

Patents:

- i. **Gudavalli Madhavi and Vemulapalli Harika** published a patent titled, “Implementation Of Automatic Solar Panel Cleaning System For Enhancing The Efficiency” with the application number: 202541034752 A, Journal Number-18/2025, dated:02/05/2025, at Intellectual Property Rights, Government of India.
- ii. **Hemalatha Javvaji, Vemulapalli Harika** published a patent titled, “Smart Electric Wheelchair” with the application number: 202541034766 A, Journal Number-18/2025, dated:02/05/2025, at Intellectual Property Rights, Government of India.

PROGRAMMES ORGANIZED:

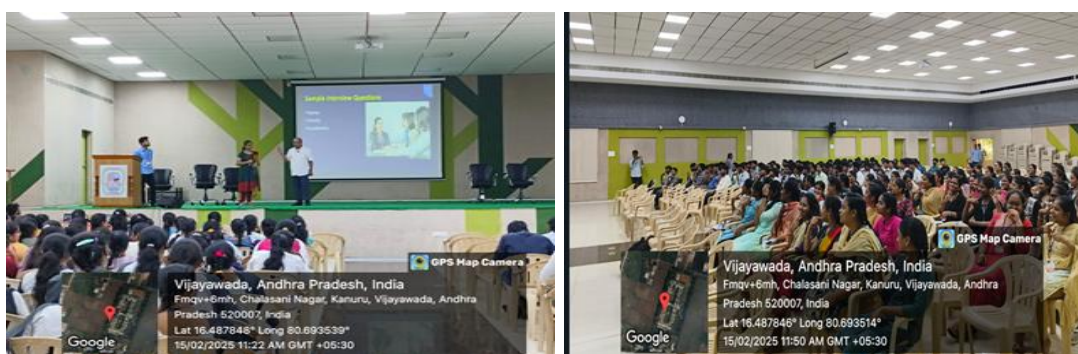
1. The department of Electrical and Electronics Engineering organized a A One-day training on “Entrepreneurship Awareness Program (EAP)” for the students of II B. Tech - EEE and MECH in association with the Entrepreneurship Development Cell (EDC) and Entrepreneurship Skill Development Program, Central Institute of Tool Design (CITD), Vijayawada on 9th January, 2025. Resource persons: S. Venkata Krishna, Deputy Director (Trg./APCU), Subramanyam, Assistant Director (District Industrial Centre), G. Siva Narayana, Trainer for Entrepreneurship Skill Development & awareness programs in APSSDC, S. Mahesh, International Labour Organization (ILO), Andhra Pradesh Food Processing Society (APFPS and PMFME) Trainer and M.Urukunda, International Labour Organisation trainer, Worked in (Rural Development & Self, Employment Training Institute). Coordinators: Mr. B. Mohan and Mr. T. Srinivasa Rao.



2. The department of Electrical and Electronics Engineering Organized a One-day awareness program on **“KEIL & ARM Processor”** for the students of III B. Tech - EEE on 27th January, 2025. Coordinators: Dr. R. Swathi and Ms. J. Hemalatha.



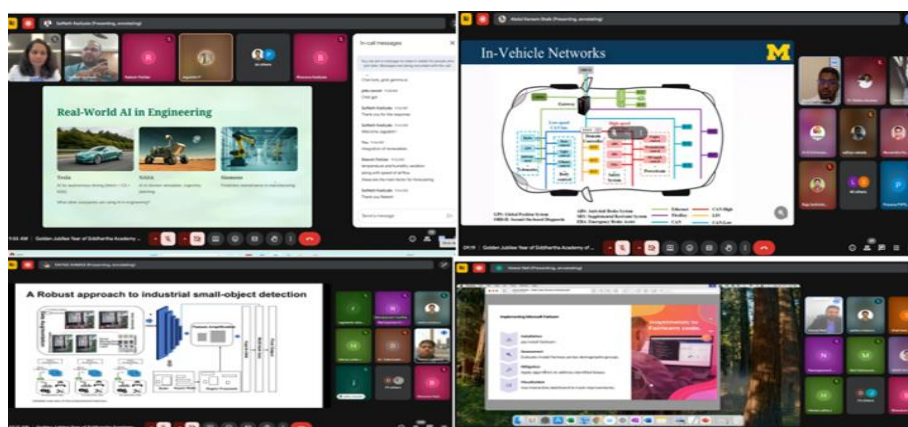
3. The department of Electrical and Electronics Engineering has conducted A One-day guest lecture on **“Gear up for Success: Skills, Jobs and Career Growth”** for the students of II and III B. Tech EEE and ECE on 15th February, 2025. Resource persons: Dr. C. S. Vepa, Vepa Academy of Learning and Employability Skills, Hyderabad, and Mr. Kakollu Suresh, Motivation Speaker, Counselling Psychologist, Education and Career Counsellor, Vijayawada. Coordinator: Ms. J. Hemalatha.



4. The department of Electrical and Electronics conducted a One-day awareness program on “[Installation of Solar Rooftop Power Plant under the PM Surya Ghar Program](#)” for teaching and non-teaching staff on 25th April, 2025. Resource person: M. Prudhiviraj, Managing Director, Vijaya Solar systems. Coordinators: Ms. G. Madhavi and Ms. V. Harika.



5. The department of Electrical and Electronics conducted a five day Online International Workshop on “[Role of Artificial Intelligence Applications to Emerging Technologies](#)” from 10th to 14th June 2025. Resource persons: Mr.Faiyaz Ahmed, Data Scientist(Automotive Manufacturing) Machine Learning Engineer Script Chain Health, Boston,USA., Mr.P.Badrinarayana Technical Achitect(AIML) Cotivit India Pvt Ltd, Hyderabad, Dr.Vamsi Nellutla, Principal Data Scientist, UHG Founder, Dallas Data Science Academy, Mr .P .Badrinarayana Technical Achitect(AIML) Cotivit India Pvt Ltd, Hyderabad, Sushma Maganti, CEO & Managing Partner, InFuture Technologies, LLC, USA (AIML division of Maganti IT Resources, LLC, USA) & Team, Vikas Kumar Gupta Managing Director | EMEA Life Sciences Technology Lead | Cloud |RPA | Artificial Intelligence | Blockchain Enthusiast | Podcaster Accenture INSEAD Wiesbaden, Hesse, Germany, Abdul Kareem Shaik, PhD Scholar, University of Michigan, Dearborn and Mr Karunakar Kancheti Head of Engineering (Rail Electrification) Siemens Mobility Pte Ltd, Singapore Coordinators: Dr. M. V. Ramesh, Ms.K.Bhavana,Mr.M.Seshu,Mr.T.SrinivasaRao



6. SITAR 2K25:

- 50 students of Electrical and Electronics Engineering participated in the event, “Project Expo” in SITAR 2K25 - A National Level Techno-Cultural Fest held on 22nd February, 2025 organized by PVP Siddhartha Institute of Technology, Vijayawada.
- 19 students of Electrical and Electronics Engineering participated in the event, “Paper Presentation” in SITAR 2K25 - A National Level Techno-Cultural Fest held on 22nd February, 2025 organized by PVP Siddhartha Institute of Technology, Vijayawada.
- 22 students of Electrical and Electronics Engineering participated in the event, “Technical Quiz” in SITAR 2K25 - A National Level Techno-Cultural Fest held on 22nd February, 2025 organized by PVP Siddhartha Institute of Technology, Vijayawada.

PROGRAMMES ATTENDED BY STAFF (SEMINARS / GUEST LECTURES / WORKSHOPS):

a) Seminars/Webinars:

1. **Mr. P. Karunakar** participated in a two-day Systems Engineering Summit 2025 organized in collaboration with SRM University AP, INCOSE India, IEEE Systems Council, CII Andhra Pradesh, and Efftronics Systems Pvt. Ltd from 23rd to 24th January, 2025

b) Workshops:

1. **K.Bhavana, T.Srinivasa Rao and M.Hemanth Sai** attended Self-Sponsored One week Workshop on “**Building Energy Management using IOT**” Organized by Department of Energy and Environment, National Institute of Technology Tiruchirappalli, from 5th -9th February 2024.
2. **Dr. K. Lenin** attended a Five-Days Hybrid Workshop on “**Emerging Nanoscale Semiconductor Devices and Integration with Machine Learning Verification**” Organized by Department of Electronics and Communication Engineering, NIT Silchar and Department of Electronics and Communication Engineering, Guwahati University, under the aegis of New Education Policy 2020, Govt. of India from 14th – 18th May, 2025

c) STTP/STCs:

1. **V.Siva Kiran Kumar, B.Nagaraju, Y.Ramakoti and D.Pitcheswara Rao** Lab technicians participated in a Two-day training Program on “PLC Programming & Applications” organized by Dept. of EEE, Siddhartha Academy of Higher Education (An Institution Deemed to be University) from 8th to 9th January, 2025.
2. **Ms. Hemalatha Javvaji and V. Harika** participated a Nine-day Training Program on “NEP 2020 Orientation and Sensitization Programme under Malaviya Mission Teacher Training Programme(MM-TTP) of University Grants Commission”, organized by UGC-MMTTC Andhra University, Visakhapatnam from 17th to 25th February, 2025.
3. **B. Mohan** Participated a Five-day Training Program on “Train-the-Trainers” Entrepreneurship and Venture Creation conducted by Jawaharlal Nehru Technological University, Kakinada (JNTUK), in

collaboration with the Wadhwani Foundation and P.V.P. Siddhartha Institute of Technology from 16th to 20th June, 2025.

4. **V.Sai Geetha Lakshmi and M.Devika Rani** Participated a Six-day Industrial Training Program organized by Sai Bhargava Electricals from 26th May to 31st May 2025.
5. **K.Bhavana, Dr.C.Kumar, Dr.B.Bala Sai Babu and M.Hemanth Sai** Participated a Six-day Industrial Training Program at Diesel Loco Shed, South Central Railways, Vijayawada from 26th May to 31st May 2025.
6. **Dr.M.V.Ramesh, Dr.N.Vijaya Anand, M.Sesh, B.Mohan, T.Srinivasa Rao** Participated a Six-day Industrial Training Program at INCAP Pvt. Ltd., Vijayawada from 02nd June to 09th June 2025.
7. **K.Bhavana** Participated a Twelve-day CEEE- INAE programme and Infosys Foundation initiative in collaboration with IIT's and AICTE in the domain of Electrical, Electronics and Instrumentation Engineering) held from 2nd to 13th June, 2025 at IIT Madras.
8. **T.Srinivasa Rao** Participated a Twelve-day CEEE- INAE programme and Infosys Foundation initiative in collaboration with IIT's and AICTE in the domain of Electrical, Electronics and Instrumentation Engineering) held from 16th to 27th June 2025 at IIT Kharagpur.

a. Faculty Development Programmes:

- i. Ms. K. Bhavana attended a Ten-day Faculty Development Programme on “Microgrids and Distributed Energy Resources: Building Smart Grid Solutions” Organized by Department of EED in association with E & ICT National Institute of Technology Warangal from 23th December, 2024 to 2nd January, 2025.
- ii. Ms. M.devika Rani attended a Five-day Faculty Development Programme on “Science, Technology and Innovation for Sustainable Development” organized by the Electrical Engineering Department at NITTTR, Chandigarh from 27th to 31st January, 2025.
- iii. Dr. M.V. Ramesh has attended a Nine-day Faculty Development Programme on “Cyber-Physical Systems & Control: Bridging the Gap to Future Technologies (CPSC-2025)” organized by E&ICT Academy, NIT Patna from 23rd to 31st January, 2025.
- iv. Dr. R. Swathi attended a Five-day GIAN Faculty Development Programme on “Internet of Things and Predictive Control” organized by the Department of Electrical Engineering, NIT, Warangal from 1st to 5th February, 2025.
- v. Dr. R. Swathi attended a Five-Day Faculty Development Programme on “Next-Generation Wireless Communication Systems: Trends, Technologies and Future Directions” organized by Department of Electronics & Communication Engineering, Lakireddy Bali Reddy College of Engineering, Mylavaram, NTR District from 10th to 14th February, 2025.

- vi. V.Sai Geetha Lakshmi, attended a Five-day Faculty Development Programme on “Machine Learning using Python” organized by National Institute of Technical Teachers Training and Research Chandigarh in online mode 17th to 21st February, 2025.
- vii. Ms. J. Hemalatha attended a Forty-hours Faculty Development Programme on “Power Electronics Technology for self-Reliant and Viksit Bharath” organized by E&ICT Academy, NIT Warangal in association with VNIT Nagpur from 24th February, 2025 to 6th March, 2025.
- viii. Ms. Hemalatha Javvaji, Ms. G. Madhavi and Ms. V. Harika attended a Five-day Faculty Development Program on “Future Ready Grids: Renewable Integration, Electrical Vehicles, and Sustainable Smart Technologies”, organized by SR University, Warangal from 17th to 21st March, 2025.
- ix. Dr. N. Vijaya Anand attended a Ten-day Faculty Development Programme on “Industrial Power Electronics for sustainable Micro grids and E-mobility” organized by E&ICT Academy, NIT Warangal and Department of Electrical Engineering, NIT Jamshedpur from 15th to 25th April, 2025.
- x. Dr.R.Swathi, attended a One-Day Online Faculty Development Programme on “Intellectual Property Rights (IPR)” organized by Department of Business Administration in association with Internal Quality Assurance Cell (IQAC), PVPSITd on 28th April, 2025.
- xi. Dr.Ch Padmanabha Raju, Dr. N.Vijaya Anand Dr. D.Ragaleela, Dr.J.Hemalatha, K Bhavana, V.Sai Geetha Lakshmi, G.Madhavi, M.Hemanth Sai, B.Mohan, M.Devika Rani, M.Seshu P.Karunaka and V.Harika attended a Five-Day Online Faculty Development Programme on “Advancing Outcome-Based Education in Curriculum Design, Pedagogy, and Assessment Strategies” organized by VIT AP School of Law, VIT-AP University from 13th to 17th May, 2025.
- xii. Dr. B. Bala Saibabu attended a Five-day Faculty Development Program on “Emerging Trends and Innovations in Renewable Energy” organized by the Department of Electrical and Electronics Engineering, Geethanjali College of Engineering and Technology from 27th to 31st May, 2025.
- xiii. K. Bhavana attended a Five-day International Faculty Development Program on "Technovations in Smart Grid and Smart Cities: The Role of AI, IoT, and Embedded Systems", organized by SR University Warangal, from 07th to 11th April, 2025.
- xiv. Mr T.Srinivasa Rao attended a Five-day faculty development programme on “Fundamentals of Python programming” organized by E&ICT Academy, IIT Kanpur from 17th to 22nd February, 2025.
- xv. M. Devika Rani attended a Nine-day faculty development programme on “Problem Solving through Programming in C” authorized by IIT Kharagpur and offered through NPTEL 12 week course during January to April 2025.

b. Guest Lectures:

- i. EEE Department Faculty attended a One-day awareness program on “KEIL & ARM Processor” organized by the Department of EEE, PVPSIT on 27th January, 2025.

- ii. EEE Department Faculty attended a Guest Lecture on “Gear up for Success: Skills, Jobs and Career Growth” organized by the Department of EEE, PVPSIT on 15th February, 2025.
- iii. EEE Department teaching and non-teaching staff attended a One-day awareness program on “Installation of Solar Rooftop Power Plant under the PM Surya Ghar Program” organized by the Department of EEE, PVPSIT on 25th April, 2025.

FACULTY ACHIEVEMENTS

The following list of faculty enrolled and certified in Coursera / uLektz /NPTEL Online Course during January- June 20

1. **Ms. V. Harika** completed a course titled, “Introduction to programming with MATLAB” authorized by Vanderbilt University and offered through Coursera on 24-02-2025.
2. **Dr. R. Swathi**, completed a course titled, “The eLSI: Basics of Embedded Systems and Robotics”, MOOC conducted as a part of the e-Yantra Lab Setup Initiative (eLSI), Department of Computer Science and Engineering Indian Institute of Technology Bombay in March 2025.
3. **Dr. R. Swathi** completed a course titled, “Arm Cortex-M Processors Overview” an online non-credit course authorized by University of Maryland, College Park and offered through Coursera on 15th April, 2025.
4. **Ms. M. Devika Rani** completed a course titled, “Google Cloud Computing Foundations Certificate” an online certification course authorized by Google Cloud on 28th April, 2025.
5. **Mr. B. Mohan** completed a course titled, “EV - Vehicle Dynamics and Electric Motor Drives” conducted by IIT Madras and offered through NPTEL during the period Jan-April 2025.
6. **Ms. M. Devika Rani** completed a course titled, “Problem Solving through Programming in C” conducted by IIT Kharagpur and offered through NPTEL during the period January to April 2025.
7. **Dr. N. Vijaya Anand** completed a course titled, “Deep Learning” conducted by IIT Ropar and offered through NPTEL during the period Jan-April 2025.
8. **Dr. B. Bala Sai babu** completed a course titled, “Deep Learning” conducted by IIT Ropar and offered through NPTEL during the period Jan-April 2025.
9. **Dr.Ch.Padmanabha Raju, Dr.D.Ragaleela and M.Hemanth** Sai completed phase-1 offline classes of AICTE QIP-PG certification Programme on “Machine Learning and Cyber Physical Systems” at Indian Institute of Information Technology, Tiruchirapalli (IIIT) from 16th to 27th June, 2025.
10. **V.Sai Geetha Lakshmi** completed a course titled, “Google Cloud Computing Foundations Certificate” an online certification course authorized by Google Cloud on 28th May, 2025
11. **M.Hemanth** Sai completed a course titled, “Python Certificate” an online certification course authorized by GUVI Geek Networks on 26th June, 2025
12. **Dr. B. Baddu Naik** completed a course titled, “Introduction to Programming with MATLAB” Coursera course by Vanderbilt University, on 10th May 2025

13. **M. Devika Rani** received a certificate of appreciation in recognition of her role as mentor for the NPTEL online certification course “Problem Solving through Programming in C,” an NPTEL online certification conducted by IIT Kharagpur from January to April 2025.

STUDENT PARTICIPATION:

a) Co-curricular Activities:

1. Karimella Vishnu Chaitanya Sidhardha and Polanki Sampath Babu of IV B.Tech. participated in the event, ‘Paper presentation’ in a Two-day National Level Techno Cultural Symposium, 'UR Fest' and won I Prize held on 24th January, 2025 organized by Usha Rama College of Engineering and Technology, Telaprolu, Krishna Dt.
2. Karimella Vishnu Chaitanya Sidhardha and Polanki Sampath Babu of IV B.Tech. participated in the event, ‘Paper presentation’ in a Two-day National Level Techno Cultural Symposium, ' LAKSHYA-2K25' and won I Prize held on 25th January, 2025 organized by Lakireddy Balireddy College of Engineering, Mylavaram, NTR Dt.
3. Chitturi Jayasri and Darapaneni Divya Anvitha of II B.Tech. participated in the event, ‘Paper presentation’ in a Two-day National Level Techno Cultural Symposium, ' SUNRISE 2K25' and won I Prize held on 21th February, 2025 organized by NRI Institute of Technology, Agiripalli Krishna Dt.
4. Ramanna Vishnu Vardhan Babu and Sama Sree Prasanna Venkata Sai Lakshmi of IV B.Tech. participated in the event, ‘Project EXPO’ in a Two-day National Level Techno Cultural Symposium, 'EXPLORERS MEET-2K25' and won I Prize held on 24th February, 2025 organized by SRK Institute Of Technology, Enikepadu Vijayawada, NTR Dt.
5. Chanapathi Poojitha and Chinda Sai Srujana of II B.Tech. participated in the event, ‘Techprint (Paper presentation)’ in a Two-day National Level Techno Cultural Symposium, ' JIGNASA 2025' and won I Prize held on 1st February, 2025 organized by PSCMR College Of Engineering, Vijayawada Krishna Dt.
6. Sama Sree Prasanna Venkata Sai Lakshmi of IV B.Tech. participated in the event, ‘Tech Talks’ in a Two-day National Level Techno Cultural Symposium, ' Dhanush-2k25' and won I Prize held on 6th & 7th March, 2025 organized by Dhanekula Institute Of Engineering & Technology, Vijayawada, NTR Dt.
7. Birudugadda Prathyusha, Murugudu Jagadeesh, Pullapati Prasanna Kumar, Valluri Nikhil and Chinda Sai Srujana of II B.Tech. participated in the event, ‘Innovation Dat’ in a Two-day National Level Techno Cultural Symposium, 'ABBURAM 2025' and won III Prize held on 10th March, 2025 organized by Andhra Loyola College Of Engineering, Vijayawada, Krishna Dt.
8. Karimella Vishnu Chaitanya Sidhardha, Polanki Sampath Babu, Chinda Sai Srujana and Valluri Nikhil of B.Tech. participated in the event, ‘Student Project / Startup Idea Expo’ in a Two-day

National Level Techno Cultural Symposium, 'Genesis - 2025 ' and won I Prize held on 27th March, 2025 organized by National Institute of Technology, Andhra Pradesh.

9. Birudugadda Prathyusha, Murugudu Jagadeesh, and Pullapati Prasanna Kumar of II B.Tech. participated in the event, 'Inovix Innovation Competition ' in a Two-day National Level Techno Cultural Symposium, 'Splash -2k25' and won I Prize held on 27th March, 2025 organized by Siddhartha Academy Of Higher Education, Vijayawada, Krishna Dt.
10. Inturi Bhavani, Veeranki Ysaswini, and Padmam Kavya Sri of II B.Tech. participated in the event, 'Project Expo ' in a Two-day National Level Techno Cultural Symposium, 'Vikasit Fest 2k25' and won II Prize held on 27th March, 2025 organized by Vikas College Of Engineering And Technology, Nunna, Krishna Dt.
11. Valluri Nikhil and Chinda Sai Srujana of II B.Tech. participated in the event, 'Technoviete' in a Two-day National Level Techno Cultural Symposium, 'Project Expo A National Level Event' and won I Prize held on 28th March, 2025 organized by Siddhartha Academy Of Higher Education, Vijayawada, Krishna Dt.
12. Koyyana Tarun Kumar of III B.Tech. participated in the event, 'Technical Quiz' in a Two-day National Level Techno Cultural Symposium, ' Dhanush-2k25' and won I Prize held on 6th & 7th March, 2025 organized by Dhanekula Institute Of Engineering & Technology, Vijayawada, NTR Dt.
13. Kanuri Deepika, Komati Anuradha and Murugudu Jagadeesh of II B.Tech. participated in the event, 'Drone Fusion' in a National Level Hackathon and won III Prize held on 3rd & 4th March, 2025 organized by Siddhartha Academy Of Higher Education, Vijayawada, Krishna Dt.
14. 26 students of II B.Tech EEE participated in “paper presentation” at the National level Symposium ELECTROSURGE 2K25, conducted by the Department of Electrical Engineering, Annamalai University on 4th April, 2025
15. 6 students of II B.Tech EEE participated in “LAKSHYA-2k25” at the National level Symposium on 25th January, 2025 organized by Lakireddy Baliredddy College of Engineering, Mylavaram, NTR Dt.
16. 5 students of II B.Tech EEE participated in “JIGNASA 2025” at the National level Symposium on 1st February, 2025 organized by PSCMR College Of Engineering, Vijayawada Krishna Dt.
17. 5 students of II B.Tech EEE participated in “SUNRISE 2K25” at the National level Symposium on 21th February, 2025 organized by NRI Institute of Technology, Agiripalli Krishna Dt
18. 4 students of IV B.Tech. EEE participated in the event, 'Student Project / Startup Idea Expo' in a National Level Techno Cultural Symposium, 'Genesis - 2025 ' held on 27th March, 2025 organized by National Institute of Technology, Andhra Pradesh.
19. 12 students of B.Tech EEE participated in “DHANUSH-2k25” at the National level Symposium on 6th & 7th March, 2025 organized by Dhanekula Institute Of Engineering & Technology, Vijayawada, NTR Dt.

20. 63 students of Electrical and Electronics Engineering participated in the event, “Online Electrical quiz competition” held on 1st February, 2025 organized by NDLI Club PVP Siddhartha Institute of Technology, Vijayawada.

b) Extra-curricular Activities:

- i. Pullapati Prasanna Kumar of II B.Tech. participated in the event, ‘SARANG (Dance)’ in a Two-day National Level Techno Cultural Symposium, 'SPLASH -2k25' and won IInd Prize held on 27th January, 2025 organized by Siddhartha Academy Of Higher Education, Vijayawada, Krishna Dt.
- ii. 29 students of Electrical and Electronics Engineering participated in various events in Cultural Weekend held on 10th March, 2025 organized by PVP Siddhartha Institute of Technology, Vijayawada.

Coursera/NPTEL Details of the students:

1. Four students of II B.Tech EEE completed NPTEL certification course on “Problem Solving Through Programming In C” during Jan-April, 2025
2. 14 students of III B.Tech EEE have successfully completed “Google Cloud Computing Foundations Certificate” an online certification course authorized by Google Cloud during April- May, 2025.
3. 53 students of II B.Tech EEE have successfully completed “Google Cloud Computing Foundations Certificate” an online certification course authorized by Google Cloud during April- May, 2025.
4. Nagadesi Jahn timer (22501A0234), III B.Tech EEE successfully completed the eLSI: Basics of Embedded Systems and Robotics, MOOC conducted as a part of the e-Yantra Lab Setup Initiative (eLSI), Department of Computer Science and Engineering Indian Institute of Technology Bombay and secured 90 marks on the month of march 2025.
5. 39 of III and IV B.Tech EEE students completed various courses in Infy Springboard under INFOSYS CAMPUS CONNECT Program

PLACEMENTS

List of Students Placed-2024-25		
S.No	Student Name	Company
1	ABDUL CHANDINI	Nxt Sync Pvt. Ltd.
2	ABDUL MOHAMMAD AMEEN	TVS Sundram Fasteners Ltd.
3	AGINIPARTHI YAMINI SARASWATHI	TEACH NOOK
4	AJJADA VISWA VINAY SATYA AJAY	TVS Sundram Fasteners Ltd.
5	ALAVALA JAHNAVI	ACCENTURE
6	APPIKATLA SRAVAN KUMAR	Amara Raja

7	NAVYA SREE ATCHALA	Infosys
8	AVUTAPALLI PUJITHA	ACCENTURE
9	BADE GUNA SUPRIYA	CADSYS
10	BALANTHA NAVEEN	Shree Abirami Engg nieering Works Private Limited
11	BAMMIDI RAJESH	TVS Sundram Fasteners Ltd.
12	BURADA UDAY KUMAR	Axis Global Automation
13	CHARAGONDA NAVEEN	ACCENTURE
14	DANTHANALA NAGA VENKATA SIVA BHAVANI	CTS (GenC)
15	DHANNANA DURGA PRASAD SOMASEKHAR	Centrotherm
16	DIVVELA PAVAN KUMAR	TVS Sundram Fasteners Ltd.
17	EDA SOWMYA SRI	TEACH NOOK
18	EEGA ANANTH KUMAR	TVS Sundram Fasteners Ltd.
19	GADHE KAVYA	TEACH NOOK
20	GANTEDI MANIKANTA	Shree Abirami Engg nieering Works Private Limited
21	GARIKIMUKKU SUNANDHA	CADSYS
22	GOLLA VAHINI CHANDRIKA KUMARI	Axis Global Automation
23	GORRELA BHARATH KUMAR	Shree Abirami Engg nieering Works Private Limited
24	GUDIVADA VENKATA PAVAN	TVS Sundram Fasteners Ltd.
25	GUMMADI GOWTHAM	International Marketing Corporation
26	GUNANI MADHAVI	TEACH NOOK
27	GUNTURU KOUSHIK KRISHNA	Axis Global Automation
28	GUTTA GURU KRISHNA	Divi's Laboratories Limited
29	SUDEEKSHA INAMPUDI	Infosys
30	JANGALA YASWANTH	Efftronics Systems Pvt Ltd
31	KANDE SASI KUMAR	TEACH NOOK
32	KANDULA PRANEETHA	CADSYS
33	KANNA CHARMI THANUJA	ACCENTURE
34	KANURU NANDAVARDHAN	TVS Sundram Fasteners Ltd.
35	KARUPARTHI TEJA	TVS Sundram Fasteners Ltd.
36	KODAMAKONDLA JASWANTH	TVS Sundram Fasteners Ltd.
37	KONDETI BHAVANI	TEACH NOOK
38	KUCHIPUDI PREM CHAND	Centrotherm
39	KUMMARI BHANU PRAKASH	SURYA TECH SOLUTIONS

40	MAHESH RATNAKAR KESANAM	SURYA TECH SOLUTIONS
41	MANIMALA BHANU SANKAR VINAY KUMAR	MEIL
42	MARUBOYINA RAMYA SAI POOJITHA	ACCENTURE
43	MEENIGA RUPA	TEACH NOOK
44	MEKA AKHILA	ACCENTURE
45	MERUGU SRI SAI PRANEETH	TVS Sundram Fasteners Ltd.
46	MOLLI NANDINI	ACCENTURE
47	MORLA VENKATA JASWANTH	SURYA TECH SOLUTIONS
48	NALLA BALAJI	SURYA TECH SOLUTIONS
49	NALLAGORLA SURENDRA KUMAR	TVS Sundram Fasteners Ltd.
50	PALLIKONDA RAJESH	Sutherland Global Services
51	SRAVANI PEDAPUDI	Infosys
52	PEDDIBOINA SIVA SUDHEER	TVS Sundram Fasteners Ltd.
53	PEDDIBOYANA GOPI RAJU	TVS Sundram Fasteners Ltd.
54	RACHETI BENETA	TEACH NOOK
55	RAMANNA VISHNU VARDHAN BABU	Voltech
56	SADHU BHARGAV	ACCENTURE
57	SANKULA MANIKANTA	MEIL
58	SAYALA MUKESH KUMAR	SURYA TECH SOLUTIONS
59	SEERA BHAGYA SREE	TEACH NOOK
60	SHAIK FARHAN SOHAIL	SURYA TECH SOLUTIONS
61	SHAIK FHAYAZ	TVS Sundram Fasteners Ltd.
62	SHAIK MOULALI	TVS Sundram Fasteners Ltd.
63	SHAIK SAMEENA	TEACH NOOK
64	SRIKAKULAPU BHARATH KUMAR	Capgemini
65	THOTA PREM KUMAR	TVS Sundram Fasteners Ltd.
66	TUMMALA VIJAYA NAGA DURGA	ACCENTURE
67	TURAGA SRI SAI SASHANK	MEIL
68	VADAPARTHI SURYA PRAKASH	ACCENTURE
69	VADDI HEMANTH	TEACH NOOK
70	VALLABHAPURAM MANBHUSHAN VIKAS	SURYA TECH SOLUTIONS
71	VEDA NAGA VAZRASRI SANAGASETTI	ACCENTURE
72	VEMURI ARAVIND	Shree Abirami Enggnieering Works Private Limited
73	VENIGALLA PAVAN KUMAR	TVS Sundram Fasteners Ltd.

74	VUYYURU KUSUMA	TEACH NOOK
75	YENUGUDHATI VIJAY SAI KIRAN RAJU	TVS Sundram Fasteners Ltd.
76	BODDUKOLLA YASWANTH KUMAR	Shree Abirami Engg nieering Works Private Limited
77	DILLI SIVA NAVEEN	TVS Sundram Fasteners Ltd.
78	DUPATI VINAY KUMAR	Classic Electricals
79	DUPPETI AKASH	SURYA TECH SOLUTIONS
80	GANTHAKORA BHARATH KUMAR	Amaravathi Power Associates
81	GEDELA HEMANTH	ACCENTURE
82	GOLLAPALLI NAVEEN	ACCENTURE
83	KARIMELLA VISHNU CHAITANYA SIDHARDHA	ACCENTURE
84	KASTURI VISHNU SAI	SURYA TECH SOLUTIONS
85	NARNI JAYA VENKATA SAI	TVS Sundram Fasteners Ltd.
86	PADALA HARI	TVS Sundram Fasteners Ltd.
87	POLANKI SAMPATH BABU	ACCENTURE
88	REMALA LEELA VENKATA KUMAR	Voltech
89	SAMA SREE PRASANNA VENKATA SAI LAKSHMI	TCS (Ninja)
90	SHAIK AFRIN	TEACH NOOK
91	SHAIK SHAKEEL	Centrotherm
92	THOKALA RAJESH	SURYA TECH SOLUTIONS
93	TUMMALA YASWITHA	ACCENTURE
94	VISTAMSETTY LIKITHA SURABHI	CTS (GenC)

INDUSTRIAL VISITS:

- II B.Tech II semester of Electrical and Electronics Engineering students visited K.C.P Sugars and Industries Corporation Limited, Vuyyuru on 06.02.2025.
- II B.Tech II semester of Electrical and Electronics Engineering students visited Dr.Narla TataRao Thermal Power Plant, Ibrahimpatanam on 17.02.2025.

INTERNSHIPS:

- 8 Students of IV B.Tech (Electrical and Electronics Engineering) underwent internship at Accenture on 21st February 2025 for a period of 4 months.
- 4 students of IV B.Tech (Electrical and Electronics Engineering) underwent internship at CTS- Cognizant on 28th January 2025 for a period of 3 to 6 months.
- 5 students of IV B.tech EEE were sent to NIT-AP, Tadepalligudem to internship and project for a duration of 4 months (November 2024-February 2025)
- 12 students of IV B.Tech EEE completed their project work at the industry S.S Electrical Ltd for the duration of (November 2024-February 2025)

- 4 students of IV B.tech EEE were sent to Shree AbiRami Engineering Works Private Limited, Chennai to internship and project for a duration of 4 months (November 2024-February 2025)

Other:

1. M.Seshu submitted a Ph.D thesis titled “A Novel Solar-PV Based DG Integrated Multi Feeder Custom Power Device for PQ Enhancement by Using Intelligent Controllers” to Annamalai University on 10th January 2025.
2. Dr.N.Vijaya anand and Dr.B.Bala Sai Babu attended 7th edition of Green Vehicle Expo at Bengaluru Industrial Exhibition center Bengaluru on 22nd May 2025
3. Dr.Ch.Padmanabha Raju, Dr.D.Ragaleela & M.Hemanth Sai has successfully attended the phase-1 offline classes of AICTE QIP-PG certification Programme on “Machine Learning and Cyber Physical Systems” at Indian Institute of Information Technology, Tiruchirapalli (IIIT) from 16th to 27th June, 2025
4. K.Bhavana has participated in CEEE Program - 2025 an INAE and Infosys Foundation initiative in collaboration with IIT's and AICTE in the domain of Electrical, Electronics and Instrumentation Engineering) held from 2nd June 2025 to 13th June 2025 at IIT Madras
5. T.Srinvasa Rao has attended the CEEE- INAE programme and Infosys Foundation initiative in collaboration with IIT's and AICTE in the domain of Electrical, Electronics and Instrumentation Engineering) held from 16th June 2025 to 27th June 2025 at IIT Kharagpur
6. Meesala Zipporah (22501a0232) & Karimella Vishnu Chaitanya Sidhardha (22505A0211) secured First prize in academics for II B.tech and III B.tech, A.Y: 2023-2024 in the 27th college annual day celebrations on 22.03.2025
7. Solar Energy Society of India (SESI) Student Chapter, Hobby Electronics Club of EEE department in association with Global Tree consultancy, Vijayawada organized Project Expo on “Innovation in Cutting edge Technologies (working models)” for I, II, III, IV B. Tech students of PVPSIT on 31-1-2025. A Total of 30 teams participated from various departments.
8. As a part of Golden Jubilee Celebrations of Siddhartha Academy of General and Technical Education, EEE Department in association with ISTE students chapter organized an awareness program on “Energy Conservation” to students of Z.P.H.S, Poranki on 3-1-2025 and Z.P.H.S, Tadigadapa on 4-1- 2025.