



## 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<sup>+</sup> grade by NAAC, NBA Accredited and

ISO 9001: 2015 certified Institution

(Sponsored by Siddhartha Academy of General and Technical Education)

Kanuru, Vijayawada- 520007

Volume: 25

July-December-2024

**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**

#### **FACULTY PUBLICATIONS:**

##### **International Journals:**

1. **LENIN KANAGASABAI**, "Hybrid Guillemot - Callosciurus Prevostii Algorithm", Suranaree Journal of Science and Technology, Volume 31, Number 3, pp: 010302(1-10), ISSN: 0858-849X , July - August 2024.
2. **LENIN KANAGASABAI**, "Patu Digua, Quasi-Optpositional Based Teacher Actions In The Society And Quantum Monastery Chief Selection Inspired Optimization Algorithms", Suranaree Journal of Science and Technology, Volume 31, Number 3, pp: 010303(1-8), ISSN: 0858-849X , July - August 2024.
3. **KANAGASABAI L**, "Real Power Loss Reduction By Basketball League Algorithm", Herald Of The Bauman Moscow State Technical University. Series Natural Sciences, Volume 114, no.3, Pages: 92-114, ISSN: 1812-3368 August 2024.
4. **M. DEVIKA RANI, V. SAI GEETHA LAKSHMI**, "Optimization-Based Approaches for Boosting Microgrid Resilience to Fault Events", Journal Européen des Systèmes Automatisés, Vol. 57, No. 4, pp. 1075-1089, ISSN: 1269-6935, August, 2024.
5. **LENIN KANAGASABAI**, "Novel train heist optimization and logistic chaotic map based freshman learning process inspired algorithm for solving the optimal power flow problem, Suranaree Journal of Science and Technology, Volume 31, No.4, PP:010321(1-10), ISSN: 0858-849X August 2024.
6. **KUMAR CHERUKUPALLI, PADMANABHA RAJU CHINDA** "A hybrid SATS algorithm based security constrained optimal power flow using FACTS devices," Indonesian Journal of Electrical Engineering and Computer Science (IJECS), Vol.35. No.3, pp 1388-1396, ISSN: 2502-4752, September 2024

7. **LENIN KANAGASABAI**, “Atlantic Blue Marlin, Boops, Chironex Fleckeri, And General Practitioner – Sick Person Optimization Algorithms”, *Journal of Automation, Mobile Robotics and Intelligent Systems*, Volume 18, Number 3, pp. 78-88, ISSN 1897-8649 September 2024.
8. **MOTURU SESHU, P. Kalyana Sundaram, MADDUKURI VENKATA RAMESH**, “A novel distributed generation integrated MFUPQC for active power regulation with enhanced power quality features”, *Indonesian Journal of Electrical Engineering and Computer Science (IJECS)* ISSN: 2502-4752, Volume-36 No. 1, pp.26-40, October 2024.
9. **LENIN KANAGASABAI**, “Novel Mate Preferences In Human Beings Inspired Optimization And Hybridized Pomsy - Pygoscelis Antarcticus - Phengodes Swarm Algorithm”, *Suranaree Journal of Science and Technology*, Vol. 31, No.5, PP:010326(1-13), ISSN:0858-849X October 2024.
10. **LENIN KANAGASABAI**, “Levy Based Phrynosoma Douglassii Swarm, Alashan Wapiti Optimization, Forest Pony Algorithm and Panthera Tigris Corbetti Search for True Power Loss Reduction in Electrical System”, *Suranaree Journal of Science and Technology*, Vol. 31, No.5, PP:010332(1-15), ISSN:0858-849X, October 2024
11. **LENIN KANAGASABAI**, “Novel empress SARANI optimization algorithm for active power loss reduction and voltage stability enhancement” *Heliyon*, vol. 10, no. 22, p. e38984, pp. 1-64, ISSN:2405-8440, November 2024.
12. **RAGALEELA DALAPATI RAO, PADMANABHA RAJU CHINDA, KUMAR CHERUKUPALLI**, “A Hybrid Lion Pride And Bat Algorithm (HLPBA) For Optimal Spot And Size of EV Charging Stations In Distribution Networks” *Journal of Theoretical and Applied Information Technology*, Vol.102. No. 23, pp. 8665-8676, ISSN: 1992-8645, December 2024.
13. **KANAGASABAI L**, “Real Power Loss Reduction and Voltage Stability Enrichment by Extreme Learning Machine Based Phoenicoparrus Search, Quantum-Inspired Myrmicinae, Herpestes, Philander Olrogi and Chaotic Based Simien Fox Optimization Algorithms”, *Herald Of The Bauman Moscow State Technical University. Series Natural Sciences*, Volume 116, no.5, pp. 33-55, ISSN: 1812-3368 , December 2024.

#### **SCI/SCIE/ESCI indexed journals:**

14. **LENIN KANAGASABAI**, “Enhanced Red Bellied Malimbe Swarm and Phlebia radiata Optimization Algorithms for Active Power Loss Diminution in Transmission Network”, *IEEE Transactions on Industry Applications*, vol. 60, no. 5, pp. 7461-7469, ISSN: 0093-9994, Sept.-Oct. 2024,

### International Conferences:

1. **R. SWATHI, V. Kansal, Shyamala, P. Valsalan, V. Vekariya and S. N. Taqui**, "Exploring Convolutional Neural Networks for Fingerprint Damage Detection and Classification," July 2024 *IEEE International Conference on Intelligent Systems for Cybersecurity (ISCS)*, pp. 1-6, held during 03-04 May 2024 at Gurugram, India, ISBN: 979-8-3503-7523-7 May 2024.
2. **LENIN KANAGASABAI**, "Hybrid Lévy flight and Chaotic based Monodon Monoceros - Alexander Archipelago wolf Optimization Algorithm for Active Power Loss Reduction and Voltage Stability Enhancement in Grid Connected Renewable Energy Systems", Proceedings of *Fifth International Conference on Green Energy, Environment, and Sustainable Development (GEESD 2024)*, *Proc. of SPIE* Vol. 13279, PP: 1327905(1-9), ISSN: 0277-786X, held during June 28th-30th, 2024, Co-organized by Smart Energy Storage Institute and Hubei Zhongke Institute of Geology and Environment Technology, Mianyang, Sichuan, China September 2024.
3. **LENIN KANAGASABAI**, "Novel Badminton's Fabulous Six Women's Singles Players Skills based Optimization Algorithm", 2024 *OPJU International Technology Conference (OTCON) on Smart Computing for Innovation and Advancement in Industry 4.0*, pp. 1-5, 30th September 2024, ISBN:979-8-3503-7378-3, held during 05-07 June 2024 at Organized by Dept. of Computer Science and Engg. OP Jindal University, Raigarh, India September 2024.
4. **V.SAI GEETHA LAKSHMI, M.DEVIKA RANI, K. BHAVANA**, "AI-Improved Battery-Powered Automobile Battery agnostics", Proceedings of *eighth International Conference on Circuit Power and Computing Technologies (ICCPCT) 2024*, held during August 8th-9th, 2024, Proc. of IEEE Catalog Number: CFP24IPT-ART ISBN: 979-8-3503-7281-6, PP: 1500-1505, Co-organized by Baseliros Mathews II College of Engineering, Kerala College in the Sasthamkotta, Kerala. September 2024.
5. **Y. Satish, P. Shyam, S. Aravind, V. Chandana, V.SAI GEETHA LAKSHMI**, "Efficiency And Reliability Enhancement in HVDC-VSC Power Transmission Network with Control And Planning Strategies", Proceedings of *eighth International Conference on Circuit Power and Computing Technologies (ICCPCT)* held during August 8th-9th, 2024, Proc. of IEEE Catalog Number: CFP24IPT-ART ISBN: 979-8-3503-7281-6, PP:178-182, Co-organized by Baseliros Mathews II College of Engineering, Kerala College in the Sasthamkotta, Kerala. September 2024.
6. **LENIN KANAGASABAI.**, "Real Power Loss Reduction by Yoga Master Training the Students Based Optimization Algorithm", In: Garg, L., Sisodia, D.S., Dewangan, B.K., Shukla, R.N., Kesswani, N., Brigui, I. (eds) *AI Technologies for Information Systems and Management Science. ISMS 2023. Lecture Notes in Networks and Systems*, vol 1136, pp 470 – 481, 22, ISBN: 978-3-031-70788-9, Springer, Cham. [6th International Conference on Information Systems and Management Science (ISMS 2023) 23-24 December 2023, Raipur, India. Jointly organized by Department of Computer Science and Engineering, OP Jindal University, Raigarh, India and The faculty of ICT, University of Malta, Msida, Malta October 2024.

7. **LENIN KANAGASABAI**, “**Novel Enriched Bird Respiratory System inspired Optimization Algorithm for Solving the True Power Loss Reduction Problem**”, 2024 *IEEE 4th International Conference on Sustainable Energy and Future Electric Transportation (IEEE SeFeT 2024)*, October 2024, pp. 1-6, ISBN:979-8-3503-8399-7, held during 31 July - 03 August, 2024 at GRIET, Bachupally, Hyderabad, INDIA. doi: 10.1109/SEFET61574.2024.10717917. October 2024
8. **LENIN KANAGASABAI**, “**Novel Quasi Opposition Based Ronin Jack Fish Optimization and Falco Tinnunculus Algorithm for Solving the Active Power Loss Lessening Problem**”, 2024 *IEEE 4th International Conference on Sustainable Energy and Future Electric Transportation (IEEE SeFeT 2024)*, pp. 1-5, held during 31 July - 03 August, 2024 at GRIET, Bachupally, Hyderabad, INDIA October 2024.
9. **M.DEVIKA RANI, K. BHAVANA, V.SAI GEETHA LAKSHMI**, "**Impact Assessment of Optimization Algorithm on Microgrid Fault Resilience**," *IEEE Madhya Pradesh Section, 2024 2nd World Conference on Communication & Computing (WCONF)*, pp. 1-5, doi: 10.1109/WCONF61366.2024.10692273, ISBN:979-8-3503-9532-7, Organized by Kalinga University,RAIPUR, India, held during 12-14 July 2024. October 2024.
10. **LENIN KANAGASABAI**, “**Advanced Indian Astrology Inspired Optimization Algorithm for Factual Power Loss Diminution in Transmission Grid Network**”, *Advances in Transdisciplinary Engineering, Volume 61, Pages 275 - 283, December 2024, IOS Press, Applied Mathematics, Modeling and Computer Simulation, Proceedings of the 4th International Conference (AMMCS 2024), Wuhan, China, 17-18 August 2024*, ISBN: 978-1-64368-551-9, organized by Hubei Zhongke Institute of Geology and Environment Technology, Wuhan, China December 2024
11. **LENIN KANAGASABAI**, “**Enhanced Russian Literature Inspired Optimization Algorithm for True Power Loss Reduction in Electrical System**”, *Advances in Transdisciplinary Engineering, Volume 61, Pages 325 - 332, December 2024, IOS Press, Applied Mathematics, Modeling and Computer Simulation, Proceedings of the 4th International Conference (AMMCS 2024), Wuhan, China, 17-18 August 2024*, ISBN: 978-1-64368-551-9, organized by Hubei Zhongke Institute of Geology and Environment Technology, Wuhan, China December 2024.

**Faculty Achievements (Patents, Higher Qualification awarded, guest lectures given, awards and rewards, acted as a Resource person etc.):**

**a. Patents:**

Applicant Name: Prasad V. Potluri Siddhartha Institute of Technology

Inventors: Ragaleela Dalapati Rao, Padmanabha Raju Chinda

Title of the invention: **AHP APPROACH FOR OPTIMUM POSITION OF DYNAFLOW**

## DEVICE

Application number: 202441093143 A

Date of filing of Application: 28/11/2024

Status: Published

Publication Date: 13/12/2024

Granting Organization: The Patent Office Journal No. 50/2024, Government of India,  
Intellectual Property India

## PROGRAMMES ORGANIZED:

1. Department of EEE Conducted the following events for celebrating **Anti Ragging Day/Week** which is suggested by AICTE during 12th to 18th August 2024 to promote anti ragging in the campus.

S. No.	Name of the event	Total no. of Students	Date of the event
1	Essay	25	14th August 2024
2	Debate	10	16th August 2024
3	Screen documentaries/short films	Awareness to all students	17th August 2024

2. The department of Electrical and Electronics Engineering has conducted a guest lecture on “**Maintenance of Substation Equipment**” to faculty & III B.Tech EEE students by Mr.T Sreenivasa Rao, Deputy Executive Engineer Maintenance 220 kV SS Gunadala, Vijayawada on 22nd August 2024.





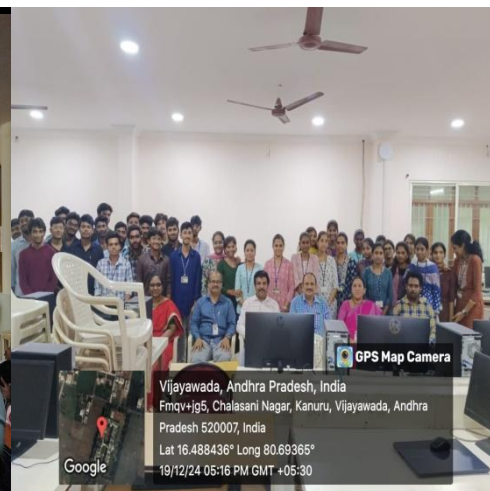
3. Department of EEE organized a guest lecture on “[Generator and Excitation systems](#)” to II & III B.Tech EEE students & Faculty by Mr. N. Siva Prasad, Deputy Executive Engineer, Dr N.T.T.P.S, Ibrahimpatnam on 12th September 2024.



4. The Department of Electrical and Electronics Engineering has conducted a Guest Lecture on “[Application of Model Based Development Technology \(MBD\) in EV and HEV](#)” to faculty & III B.Tech EEE students by Dr.S.L.V.Sravan Kumar, Specialist, ZF TCI, Hyderabad on 28th September 2024.



5. Department of EEE conducted a One week workshop on “[Hands on MATLAB session on Power Converter Topologies - Career Acceleration](#)” to III B.Tech EEE students and faculty during 16th to 20th December 2024.



6. Department of EEE in association with Solar Energy Society of India (SESI) Student Chapter organized a guest lecture on “[Energy-efficient technologies and practices towards environmental sustainability](#)” on the eve of Energy Conservation Week Celebrations by Mr. A.Phaneendra, Senior Engineer Energy Efficiency Services Ltd to II & III B.Tech students and Faculty members of on 23th December 2024



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

#### **a) Seminars/Webinars:**

1. Dr.N.Vijaya Anand attended a seminar on “[Electric Vehicle Mission \(EVM\)](#)”, organized by The Anusandhan National Research Foundation (ANRF) meeting on 26th October 2024 at Vigyan Bhavan, New Delhi.

#### **b) Workshops:**

1. **V. Sai Geetha Lakshmi** has Participated the Professional development program on „[Electric Vehicle Systems and Control](#) ' through Online Mode at National Institute of Technical Teachers Training and Research, Chennai, Tamil Nadu from 08/07/2024 to 12/07/2024.
2. **Dr. K. Lenin**, successfully completed one week Online workshop on “[Quantum Computing: Algorithms and Applications](#)” Organized by Department of Computer Science and Engineering, NIT Warangal from 15th to 19th July 2024.
3. **Dr.K.Lenin, Dr.C.Kumar and Dr.D.Ragaleela** participated in an online Workshop on [AI/ML based Controllers Design and their Applications in Real-time Platform](#), Organized By Dept. of Electrical Engineering National Institute of Technology Rourkela, Odisha from 28th September to 2nd October 2024.
4. **V Sai Geetha Lakshmi** has successfully participated in the Five Days Online FDP on “[Advanced Energy Storage Systems for Electric Vehicles](#)” held during November 11-15, 2024, at Department of Electrical Engineering, National Institute of Technology Hamirpur, Himachal Pradesh, India.
5. **Dr.M.V.Ramesh** has successfully participated in the 2nd one week workshop on [Research Oriented Technical Writing \(ROTW-2024\)](#) organized by department of Electrical engineering, NIT Jamshedpur, Jharkhand during 18th to 22nd November 2024.
6. **Dr. K. Lenin** successfully completed 5 Days workshop on “[Emerging Cutting Edge Technologies in CMOS: Trends and Challenges](#)” from 11th to 15th December, 2024, organized by Department of Electronics and Communication Engineering, NIT Silchar and sponsored by IEEE EDS SB and IEEE NTC, NIT Silchar.

7. **Dr.D.Ragaleela & Dr.B.Baddu Naik** attended one day workshop on “**Research Grant Writing**” on 5th December 2024 organized by IQAC, PVPSIT, India.
8. EEE department faculty attended a One week workshop on “Hands on MATLAB session on Power Converter Topologies - Career Acceleration” during 16th to 20th December 2024.
  - a. **STTP/STCs:**
1. **Dr. K. Lenin**, successfully completed online short -term course (e -STC) “**Research Applications of Deep Learning**” 1st – 5th July, 2024, Organized by Department of Computer Science & Engineering, National Institute of Technology Hamirpur, Hamirpur, Himachal Pradesh – 177 005, India.
2. **Dr.Ch.Padmanabha Raju, Dr. C. Kumar, Dr. D. Ragaleela, M.Devika Rani, V.Sai Geetha Lakshmi, M.Hemanth Sai, B.Mohan and M.Seshu** has completed the **NEP 2020 ORIENTATION & SENSITIZATION PROGRAMME** under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission Organized by UGC-MMTTC, Andhra University, Visakhapatnam from 01st to 09th July, 2024.
3. **Dr. C. Kumar** attended a Short Term Course on “**Advancement in Control and Operation of Smart Energy Systems**” (ACOSSES-2024) through Online mode from 15th July to 19th July 2024 organized by Department of Electrical Engineering, National Institute of Technology Kurukshetra, Haryana.
4. **Dr.B.Baddu Naik and Dr.R.Swathi** has completed the **NEP 2020 ORIENTATION & SENSITIZATION PROGRAMME** under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission Organized by UGC-MMTTC, Osmania University, Hyderabad, Telangana from 19th to 27th July 2024.
5. **Dr.R.Swathi** attended One Week Faculty Development Program on “**Methods for Improving Higher Education Teaching Quality Using Outcome Based Education, Pedagogical Approaches Outcome Based Education, Pedagogical Approaches and NEP 2020**”( OBENEP24 ) and NEP 2020”(OBENEP24 )conducted by CSE and Internal Quality Assurance Cell (IQAC) Haldia Institute of Technology ,West Bengal,721657,India from 22nd to 26th ,July, 2024.
6. **T. Srinivasarao** has completed the **NEP 2020 ORIENTATION & SENSITIZATION PROGRAMME** under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission Organized by UGC-MMTTC, Andhra University, Visakhapatnam from 22nd to 30th July 2024.
7. **B. Mohan** attended the Online Faculty Development Programme (FDP) on “**AI For Engineering Applications**” during 4th to 8th November 2024 organized by National Institute of Technical Teachers Training & Research (NITTTR), Chandigarh (Sponsored by Ministry of Education, Government of India) in association with Dept. of Electronics and Communication Engineering, Prasad V. Potluri Siddhartha Institute of Technology (PVPSIT) Vijayawada-520007, A.P, India.
8. **Dr.R.Swathi and J.Hemalatha** Successfully completed Faculty Industrial Training Program On “**KEIL & ARM Processor**” Conducted by Efftronics Systems Pvt Ltd., Mangalagiri, Guntur from 19th August 02nd December 2024.



#### **a. Faculty Development Programmes:**

1. **Dr. B. Baddu Naik** participated in the AICTE Recognized Faculty Development Programme on “[Graphics and Animation through Open Source Tools for making MOOCs](#)” conducted by the Media Engineering Department from 19th to 23rd August 2024 (One Week) at Prasad V Potluri Siddhartha Institute of Technology, Kanuru, Vijayawada, Andhra Pradesh with Association NITTTR, Chandigarh.
2. **Dr. B. Baddu Naik, V.Sai Geetha Lakshmi and M.Devika Rani** Participated in the AICTE Recognized Faculty Development Programme on “[Deep Learning for Engineering Applications](#)” Conducted by the Computer Science and Engineering Department from 02nd to 06th September at NITTTR, Chandigarh.
3. **Dr.D.Ragaleela, Dr. B. Baddu Naik, M.Hemanth sai and B.Balasai Babu** Participated in the AICTE Recognized Faculty Development Programme on “[IoT and Embedded systems](#)” Conducted by the Electronics and Communication Engineering Department from 23rd to 27th September 2024 at NITTTR, Chandigarh.
4. **K. Lenin** Successfully completed “[Solar Vehicles: Design and Implementation](#)” (SVDI-2024), - One week online Faculty development Program, Scheduled from 23rd Sep to 28th September 2024, Organized and offered by, Annant Gyan Knowledge and Skills Private Limited (CIN: U80302BR2018PTC038026).
5. **K.Bhavana** has completed the Faculty Development Program on [IOT With Drone](#) from 23rd to 29 September 2024 organized by E & ICT Academy, IIT Kanpur.
6. **M.Devika Rani** Participated in the AICTE Recognized Faculty Development Programme on “[Smart Grid and Renewable Energy Sources](#)” Conducted by the Electrical Engineering Department from 23rd to 27th September 2024 (One Week) at NITTTR, Chandigarh.
7. **Dr.C.Kumar, Dr.N.Vijayaanand and M.Seshu** participated in the AICTE recognized NITTTR Chandigarh Faculty development programme on “[AI for Engineering Applications](#)” conducted by ECE department, PVPSIT from 4th to 8th November 2024.
8. **Dr. K. Lenin** successfully completed One week online FDP on [Cryptography & Network Security: Principles and its Applications \(CNPA-2024\)](#), organized by Annant Gyan Knowledge and Skills Private Limited from 18th November to 23rd November 2024.
9. **Dr.M.V.Ramesh** has successfully participated and completed AICTE Training And Learning (ATAL) Academy FDP on “[Power Electronics Applications in Microgrid using AI](#)” ([peamgai-2024](#)) at Jain Deemed to be University Faculty of Engineering and Technology from 9th to 14th December 2024.
10. **Dr. K. Lenin** successfully completed online Five-Day Faculty Development Program (FDP) on “[Empowering Cyber security Through Artificial Intelligence and Machine Learning](#)” from 16th to 20th December 2024, organized by Department of Computer Science and Engineering, OP Jindal University, Raigarh, Chhattisgarh, India.

#### **a. Guest Lectures:**

1. EEE department faculty attended a guest lecture on “[Maintenance of Substation Equipment](#)” by Mr.T Sreenivasa Rao, Deputy Executive Engineer Maintenance 220 kV SS Gunadala, Vijayawada on 22nd August 2024.
2. EEE department faculty attended a guest lecture on “[Generator and Excitation systems](#)” by Mr. N. Siva Prasad, Deputy Executive Engineer, Dr N.T.T.P.S, Ibrahimpatnam on 12th September 2024.
3. EEE department faculty attended a Guest Lecture on “[Application of Model Based Development Technology \(MBD\) in EV and HEV](#)” by Dr.S.L.V.Sravan Kumar, Specialist, ZF TCI, Hyderabad on 28th September 2024.
4. EEE department faculty attended a guest lecture on “[Energy-efficient technologies and practices towards environmental sustainability](#)” on the eve of Energy Conservation Week Celebrations by Mr. A.Phanendra, Senior Engineer Energy Efficiency Services Ltd on 23th December 2024.

#### **FACULTY ACHIEVEMENTS “**

The following list of faculty enrolled and certified in Coursera / uLektz /NPTEL Online Course during July too Dec 20204

1. **V. Sai Geetha Lakshmi** successfully completed the 6 weeks course on “[Big Data Emerging Technologies](#)” offered an online non-credit course authorized by Yonsei University and offered through Coursera with a score of 93.75% on July 2nd, 2024
2. **Dr. C. Kumar** has completed a 12-week course on “[Smart Grid: Basics to Advanced Technology](#)” NPTEL online certification conducted by IIT, Roorkee with a score of 81% ( July to Oct 2024)
3. **M.Devika Rani** has completed a 12-week course on “[Machine Learning and Deep Learning-Fundamentals and Applications](#)” NPTEL online certification conducted by IIT Guwahati with a score of 60 %.( July to October 2024)
4. **M.Devika Rani** has completed a 12-week course on “[The Joy of Computing Using Python](#)” NPTEL online certification conducted by IIT Madras with a score of 70 %.( July to October 2024).
5. **Dr. D.Ragaleela** has successfully completed “[Cybersecurity for Everyone](#)” an online non-credit course authorized by University of Maryland, College Park and offered through Coursera with a score of 96% on 2nd November, 2024.
6. **J.Hemalatha** has successfully completed 6-week online course offered through Coursera on “[Arm Cortex-M Processors Overview](#)” an with a score of 100% on 21st December, 2024.

#### **STUDENT PARTICIPATION:**

##### **a) Co-curricular Activities:**

1. **K.CHARMi THANUJA (21501A0238)** has successfully completed a two day offline workshop on “[AI-ML & Data Science](#)” conducted by Ethical Edufabrica Pvt. Ltd. In association with Pravega, at IISC Bangalore on 6th & 7th July 2024

2. 87 EEE students participated in various events on the eve of Engineers Day-2024 conducted by the department in collaboration with ISTE student chapter on 11th and 13th September 2024.
3. An In-house competition “**Technical Quiz**” was conducted by the department of Electrical and Electronics Engineering in collaboration with SESI (Solar Energy Society of India) on the occasion of Engineer’s Day celebrations on 12.09.2024. A total of 36 teams participated in the event.
4. **Komati Anuradha(23501A0233), I.Bhavani (23501A0225) and V.Yasaswini (23501A0260)** participated in “**POSTER PRESENTATION**” event at EPSTEMICON – 2K24 a National level technical, cultural and sports fest held on 28-10-2024 organized by the Department of EEE, at Andhra Loyola Institute of Engineering and Technology, Vijayawada and Secured **Third** Place.
5. **Ch.Poojitha(23501A0211), Ch.Sai Srujana (23501A0213), V.Bhavitha (23501A0206)** and D.Vaishnavi (23501A0221) participated in “**TECHNICAL QUIZ**” event at EPSTEMICON – 2K24 a National level technical, cultural and sports fest held on 28-10-2024 organized by the Department of EEE, at Andhra Loyola Institute of Engineering and Technology, Vijayawada and Secured **Third** Place.
6. **G.Naveen (225050A010), K.Vishnu Chaitanya Sidhardha (225050A011), P. Sampath Babu (22505A0215), Shaik Shakeel (225050A0220)**, has secured **second** prize in innovation model competition organized as a part of the innovation day celebrations conducted by VRSEC, Deemed to be university on 15th October 2024.
7. 10 Students participated in the National level technical fest (EPISTEMICON 2K24) held on 28-09-2024 organized by the Department of EEE, at VVIT Institute of Technology, Nambur, Guntur.
8. 15 Students participated in National level technical fest (AMEYA-2024) held on 24-10-2024 organized by the Andhra Loyola Institute of Engineering and Technology, Vijayawada.
9. 19 IV B.Tech students have participated in the 5-days Short-Term Course on "Trends in Shaping Energy Transition" organized by the Department of Electrical and Electronics Engineering, National Institute of Technology Puducherry from 25th - 29th November 2024.
10. Department of EEE in collaboration with ISTE student chapter organised “Paper Presentation” on 30-12-2024 to all II, III & IV B.Tech students on the eve of Energy Conservation Day/Week Celebrations. A total of 6 teams participated in the event, with a total of 12 participants.

**a. Extra-curricular Activities:**

1. **N.Dhana Lakshmi (23501A0244)** participated and secured third place in JNTUK Central Zone Netball (M&W) Inter Collegiate Tournament cum University Team Selection held at Sagi Rama Krishnam Raju Engineering College, Bhimavaram on 26th and 27th October 2024.
2. 23 B.Tech students have participated in various Events Organized at Dasara-Samskruthikotsavalu, Makineni Basavpunniah Vignana Kendram, Vijayawada from 26th to 28th September 2024.

**Coursera/NPTEL Details of the students:**

1. The students of EEE completed 7 NPTEL certification courses conducted by IIT Kharagpur & IIT Madras

**INDUSTRIAL VISITS:**

- III B.Tech students of Electrical and Electronics Engineering visited Dr. NTTPS Ibrahimpatnam on 20.01.2024.

**INTERSHIPS:**

192 students of IV B.Tech.and III B.Tech (EEE) underwent internship from 01-05-2024 to 15-07-2024 in the companies listed below.

1	AICTE-Eduskills
2	Andhra Pradesh Central Power Distribution Corporation Limited, Auto Nagar
3	Bharat Electronics Limited (BEL)
4	BIST Technologies Private Limited
5	Brain O Vision solutions India private limited
6	Corizo
7	DevSkillHub
8	EI SYSTEMS
9	Kodacy
10	Motion Cut
11	MSME - Tool Room(Central Institute of Tool Design)
12	Power Electronical, Nashik
13	POWER PLANT ENGINEERING WORKS,Vishakapatnam
14	Rashtriya Ispat Nigam Limited,Visakhapatnam Steel Plant
15	SkillDzire
16	Slash Mark in Collabaration with AICTE
17	South Central Railway, Vijayawada
18	Sri Savitr Solar Private Limited, Hyderabad
19	Transmission Corporation of Andhra Pradesh Limited
20	APSSDC - EDUNET