



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

Volume: 19

July-December-2021

Faculty Incharge :

Dr. R.Swathi
Mr. B.Mohan

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Quotation

“Be a strong wall in the hard times and a smiling sun in the good times..”

Diary' Malla

MOU's EXECUTED:

Department executed MOU's with the following firms during April-June 2019

- M/s G.S. Electricals, Vijayawada
- M/s Vijay Electricals, Vijayawada
- M/s Dr. NTTPS, Ibrahimpatnam
- Power Lab Instruments ,Chennai
- ZMS Technology, Germany
- Johnette Technologies Pvt.Ltd.,Uttar Pradesh
- Kumar Sri Lakshmi Ganapathi Engg., Work,Tenali
- AB Technoliges,Chennai.

FACULTY PUBLICATIONS:

International Journals:

a)Scopus indexed journals

1. **K. LENIN** published a paper titled, “A Novel Merchant Optimization Algorithm for Solving Optimal Reactive Power Problem” in Journal of Automation, Mobile Robotics and Intelligent Systems, Vol-15, N^o1, pp. 51- 56, ISSN: 1897-8649,July 2021.

2. **HEMANTH SAI MADUPU, B.BADDU NAIK, B. BALA SAIBABU** published a paper titled, “A Review on Impact of Internet of Things (IOT) for Modern Electric Power Systems” in *Journal of Theoretical and Applied Information Technology*, Vol.99. No 14, pp.3527-3528, ISSN: 1992-8645, July 2021.
3. **T. NARASIMHA PRASAD** published a paper titled, “Cost-Based Interlinking Converter Droop Control Strategy for Load Management with Improved Voltage Regulation in AC–DC Microgrid” in *Journal of Control, Automation and Electrical Systems*, Vol. 32, Issue-4, pp.1071–1086, ISSN:2195-3880, August 2021.
4. **K. LENIN** published a paper titled, “Real Power Loss Reduction by Extreme Learning Machine Based Leontodon Algorithm” in *Technology and Economics of Smart Grids and Sustainable Energy*, Vol. 6, Article number: 16, pp. 4-12, ISSN: 2199-4706, September 2021.
5. **B. BALA SAI BABU, M. HEMANTH SAI AND B. BADDU NAIK** published a paper titled, “A Novel Detection of Islanding in Distribution Networks With Multiple Distributed Generations” in *Journal of Theoretical and Applied Information Technology*, Vol.99. No 17, ISSN: 1992-8645, pp. 4399- 4406, September 2021.
6. **M.DEVIKA RANI, M.VENU GOPALA RAO** published a paper titled, “Power Quality Assessment In Grid Connected Mode Hybrid Microgrid With Various Loads” in *Journal of Theoretical and Applied Information Technology*, Vol.99. No 18, ISSN: 1992-8645, pp. 4241- 4252, September 2021.
7. **K. LENIN** published a paper titled, “Real Power Loss Reduction by Blue Noddy and European Night Crawler Optimization Algorithms” in *Informatica: An International Journal of Computing and Informatics*, Vol. 45, No.6, ISSN: 0350-5596, pp. 37–44, October 2021.

8. **PADMANABHA RAJU CHINDA, RAGALEELA DALAPATI RAO** published a paper titled, “Artificial Intelligence Application to Maximize Social Welfare in the Electricity Market by Installing SSSC” in *Journal of Theoretical and Applied Information Technology*, Vol.99. No 19, pp. 4511 – 4523, ISSN 1992-8645, October 2021.
9. **RAGALEELA DALAPATI RAO, PADMANABHA RAJU CHINDA** published a paper titled, “Steady State Analysis of Dynaflo Controller” in *Journal of Theoretical and Applied Information Technology*, Vol.99. No 19, PP: 4524 – 4535, ISSN 1992-8645, October 2021.
10. **K. LENIN** published a paper titled, “Real Power Loss Reduction by Cinnamon ibon Search Optimization Algorithm” in *Strategic Planning for Energy and the Environment*, Vol.40, Issue1, pp.55-74, ISSN: 1546-0126, October 2021.
11. **K. LENIN** published a paper titled, “Real Power Loss Reduction by Rieppeleon Brevicaudatus Optimization Algorithm” in *Journal of Engineering Science and Technology Review*, Vol. 14, No. 4, pp.69 – 75, ISSN: 1791-2377, October 2021.
12. **K. LENIN** published a paper titled, “Solving Optimal Reactive Power Dispatch Problem by Population Distinction and Pandemic Virus Algorithms” in *Herald of the Bauman Moscow State Technical University. Series Natural Sciences*, Volume 98, No.5, pp.33-48, ISSN: 1812-3368, November 2021.
13. **M. SESHU** published a paper titled, “A Reduced Rating of Isolated-VSIS DSTATCOM For PQ Enhancement Using MRE-PWM Technique” in *ARPJ Journal of Engineering and Applied Sciences*, Vol. 16, No. 21, pp.2191-2203, ISSN 1819-6608, November 2021.
14. **K. LENIN** published a paper titled, “Real power loss reduction by enhanced Apple Maggot optimization algorithm” in *International Journal of System Assurance*

Engineering and Management, Vol:12, pp.1385–1396, ISSN: 0976-4348, December 2021.

15. **BALA SAIBABU BOMMIDI, HEMANTH SAI MADUPU AND BADDU NAIK BHUKYA** published a paper titled, “[Intelligent Home Energy Management System Using LabVIEW - myRIO](#)” in *ICIC Express Letters, Part B: Applications*, Vol: 12, Issue 12, pp.1193-1200, ISSN 2185-2766, December 2021.

b) SCI/SCIE/ESCI indexed journals:

1. **K.LENIN** published a paper titled, “[Reduction of power loss by Henry's law-based soluble gas, mobula alfredi and balanced condition optimization algorithms](#)” in *COMPEL - The international journal for computation and mathematics in electrical and electronic engineering*, Vol:40, Issue:3, pp. 689-721, ISSN: 0332-1649, August 2021. (SCIE).
2. **C.KUMAR** published a paper titled, "[High speed data encryption technique with optimized memory based RSA algorithm for communications](#)" in *Circuit World*, Vol. 47, Issue:3, pp. 269-273, ISSN: 0305-6120, August 2021. (SCIE).
3. **M.V.RAMESH, AND P.MUTHUKUMAR** published a paper titled, “[Exploration or Multipurpose Electric Vehicle for Agriculture Using IOT](#)” in *Tobacco Regulatory Science*, Number 5(A), pp. 3844-3852(9), ISSN 2333-9748, September 2021. (SCIE)
4. **K.LENIN** published a paper titled, “[Real Power Loss Reduction by Melon Fly Optimization and Spontaneous Process Algorithm's](#)” in *Brazilian Archives of Biology and Technology*, Vol.64, Issue:e21200493, pp. 1-16, ISSN 1678-4324, October 2021. (SCIE).
5. **C.KUMAR** published a paper titled, “[Development of ripple reduced solar photovoltaic regulators using boomerang sliding mode control strategy](#)” in *International Journal of Circuit Theory and Applications*, Vol:49, Issue:9, pp. 2979-3006, ISSN: 1097-007X, September 2021. (SCIE).

6. **K.LENIN** published a paper titled, “Real power loss reduction by Enhanced Electromagnetic Field and Lightning Process Optimization algorithms” in *Energy Reports*, Vol:7, pp. 6615-6625, ISSN: 2352-4847, November 2021.(SCIE).

International Conferences:

1. **HEMALATHA JAVVAJI** presented a paper titled, “Closed Loop Control of Cascaded H-Bridge Multilevel Inverter using Fractional Order – PID Controller”, in the 3rd *International Conference on Intelligent Computing, Information and Control Systems (ICICCS 2021)* organized by CARE College of Engineering, Trichy, India on 2nd and 3rd July, 2021.
2. **HEMALATHA JAVVAJI** presented a paper titled, “A New Topology of Multilevel Inverter Fed From Photovoltaic System” 2nd *International Conference on Emerging Trends in Science, Engineering and Management (ICETSEM-2021)*, organized by GM Institute of Technology, Davangare, Karnataka, India held on 15th and 16th July 2021.
3. **VIJAY ANAND** published a paper titled, “Design of GaN based 72V, 3.3KW LLC Resonant Converter for on-board EV Charger”, in *2021 IEEE Madras Section Conference (MASCON)*, pp. 1-6, ISBN: 978-1-6654-0405-1, August 2021.
4. **C. KUMAR** published a paper titled, "Analysis of Ripples in SEPIC based Buck-Boost Converter for Low Power Applications," in *IEEE Madras Section International Conference (MASCON 2021)*, pp. 1-7, held at Le Royal Meridien Chennai during 27-28, August 2021
5. **MUTHUKUMAR PARAMASIVAN** presented a paper titled, “Performance Analysis of fixed and Variable frequency Multi Shape Carrier-Seven Level Multilevel Inverter” in the 3rd *IEEE International Conference on Innovations in Power and Advanced Computing Technologies, i-PACT2021* jointly organized by Faculty of Engineering,

Universiti Malasia, Kuala Lumpur, Malasia & School of Electrical Engineering, Vellore Institute of Technology, Vellore, India during 27th – 29th, November 2021.

6. **M.DEVIKA RANI, V.SAI GEETHA LAKSHMI** presented a paper titled, “**Power Quality Enhancement in Windfarms using SVC**”, in the 2nd *International Conference on Emerging Trends in Materials, Computing and Communication Technologies (ICETMCCT-2021)* PP: 771-780, Organised by Annai Vailankanni College of Engineering, Tamil Nadu, India, held on 9th and 10th December 2021. Also received Best Paper award.

UGC/other journals:

1. **K. LENIN** published a paper titled, “**Factual Power Loss Diminution by Enhanced Frog Leaping Algorithm**” in *Journal of Applied Science, Engineering, Technology, and Education*, Vol. 3 No. 2, pp.114-118, ISSN: 2685-0591, July 2021.
2. **K. LENIN** published a paper titled, “**Solving Optimal Reactive Power Dispatch Problem by Chaotic Based Brain Storm Optimization Algorithm**” in *Journal of Applied Science, Engineering, Technology, and Education*, Vol. 3 No. 2, pp.145-150, ISSN: 2685-0591, July 2021.
3. **K. LENIN** published a paper titled, “**Power Loss Diminution by Enhanced Monarch Butterfly Optimization Algorithm**” in *International Journal of Advanced Engineering and Science*, Vol. 10, No.2, pp. 1-10, ISSN 2304-7712, July 2021.
4. **K. LENIN** published a paper titled, “**Real Power Loss Reduction by Hybridized Krill Herd With Frog Leaping and Augmented Firefly Algorithms**” in *International Journal of Advanced Engineering and Science*, Vol. 10, No.1, pp.1-12, ISSN 2304-7712, July 2021.
5. **K. LENIN** published a paper titled, “**Heat Transfer and Simulated Coronary Circulation System Optimization Algorithms for Real Power Loss Reduction**” in *Journal of Engineering Sciences*, Vol. 8(1), pp. E1–E8, ISSN: 2312-2498, July 2021.

6. **K. LENIN** published a paper titled, “FCC Algorithm for Power Loss Diminution” in *Journal of Engineering Sciences*, Vol. 8(1), pp. E29–E38, ISSN: 2312-2498, July 2021.
7. **M. RAVI KUMAR** published a paper titled, “Harmonic and Fault Analysis of Five Level MMC STATCOM With POD and PD Schemes” in *Design Engineering*, PP: 5481- 5496, ISSN: 0011-9342, Issue 07, August 2021.
8. **K. LENIN** published a paper titled, “Opposition based red wolf algorithm for solving optimal reactive power problem” in *International Journal of Advances in Applied Sciences (IJAAS)*, Vol. 10, No. 3, pp. 193~197, ISSN: 2252-8814, September 2021.
9. **K. LENIN** published a paper titled, “True power loss reduction by mountain zebra, augmented bat and improved kidney search algorithms” in *International Journal of Advances in Applied Sciences (IJAAS)*, Vol. 10, No. 3, pp. 205~211, ISSN: 2252-8814, September 2021.
10. **V. SAI GEETHA LAKSHMI, M. DEVIKA RANI** published a paper titled, “Improved Version of Smart Helmet to Eschew Road Accidents” in *Journal of Next Generation Technology*, Vol. 1, Issue 2, pp.34-39, ISSN: 2583-021X, November 2021.

Book chapters:

1. **M.DEVIKA RANI AND V.SAI GEETHA LAKSHMI** published a book chapter titled, “Simulation of Controlled Unified Power-Flow Controller Fed Induction Drive”, in a text book, ‘*EMPIRICAL ASPECTS OF ADVANCEMENTS IN SCIENCE ENGINEERING AND TECHNOLOGIES*’, published by Krishna Publishers, First Edition, pp. 79-86, ISBN 978-93-90627-47-9, November 2021.
2. **V.SAI GEETHA LAKSHMI AND M.DEVIKA RANI** published a book chapter titled, “Improved Version of Load Sharing with Grid by Renewable Energy Sources”, in a text book, *EMPIRICAL ASPECTS OF ADVANCEMENTS IN SCIENCE ENGINEERING*

AND TECHNOLOGIES, published by Krishna Publishers, First Edition, pp 20-29, ISBN 978-93-90627-47-9, November 2021.

PATENTS :

1. **M. HEMANTH SAI** published a patent titled “ Hybrid energy system with optimization to draw more energy” with the application number: 202141027634 A, dated : 9/7/2021, at intellectual Property Rights, Government of India.
2. **DR. C. KUMAR** published a patent titled “Generation of reference current using single phase source – load system based control algorithm for DSTATCOM” with the application number: 202141030198 A, dated : 16/7/2021, at intellectual Property Rights, Government of India.
3. **V. SAI GEETHA LAKSHMI** published a patent titled “Human activity recognition with spiking neural network” with the application number: 202141021959 A, dated : 2/7/2021, at intellectual Property Rights, Government of India.

PROGRAMMES ORGANIZED:

- As a part of Energy Conservation Week, the department of EEE in association with ISTE student chapter is organized a guest lecture on “ Energy Conservation & Electrical Safety” by **Sri. M. Nagamalleswara Rao**, Assistant Executive Engineer, HOT lines Wing, AP TRANSCO, Gunadala on 17th December 2021

PROGRAMMES ATTENDED BY STAFF (SEMINARS / GUEST LECTURES /

WORKSHOPS):

FDP's:

1. **Dr.R.SWATHI** attended in AICTE-ISTE Sponsored One Week Induction /Refresher Programme – 2021-22 ” Optimizations communication Engineering “ conducted by Department of ECE, G. Narayanamma Institute Of Technology Science ,Hyderabad,Telangana, India from 22nd to 29th December 2021
2. **Mr. M. SESHU** attended in Faculty Development Programme on “Explainable Artificial Intelligence and the Future” conducted by IIIT Kota from 20th to 24th December 2021
3. **Dr. K. LENIN** attended in Faculty Development Programme on “Quantum Computing and Communications: New Paradigm” conducted by Department of Computer science, SRM University Andhra Pradesh, from 27th to 31st December 2021
4. **Dr. K. LENIN** attended in Faculty Development Programme on “Information Security: Issues and Challenges conducted by Sponsored” by ISEA-II and organized by Department of Computer Science & Engineering, Motilal Nehru National Institute of Technology Allahabad, Prayagraj, Uttar Pradesh, from 18th to 22nd December 2021
5. **Dr. K. LENIN** attended in Faculty Development Programme on “Machine Learning yo Deep Learning: Trends and Challenges” conducted by Department of Computer Engineering, Madhuben & Bhanubhai Patel Institute of Technology, New Vallabh Vidhyanagar , Gujarat from 13th to 18th December 2021
6. **Mr. Y. VISHNU MURTHULU** attended in Faculty Development Programme on “Essentials of Machine Learning” conducted by Centre for Development of Advanced Computing (CDAC) from 13th to 17th December 2021
7. **Mrs. M. DEVIKA RANI** attended in Faculty Development Programme on "Artificial Intelligence and Internet of Things in Nanotechnology, Sensors, and Communication in the making of Aatmanirbhar Bharat" conducted by Indian Institute of Technology, Indore from 6th to 10th December 2021
8. **Mrs. J. HEMA LATHA** attended in Faculty Development Programme on “Emerging Opportunities in Power Electronics and Drives” conducted by School of electrical engineering, VIT, Vellore from 6th to 10th December 2021
9. **Dr. K. LENIN** attended in Faculty Development Programme on “Current & Future Prospects in Mechanical & Heavy Industries” conducted by Sharada university, greater Noida from 6th to 10th December 2021

10. **Dr. K. LENIN** attended in Faculty Development Programme on “The Role of Linear Algebra in Machine Learning, Artificial Intelligence & Data Science” conducted by Departments of Mathematics and Humanities, Computer Science Engineering and Information Technology, Mahatma Gandhi Institute of Technology, Hyderabad, from 29th November to 3rd December 2021
11. **Mrs. J. HEMA LATHA and Dr. R. SWATHI** attended in Faculty Development Programme on “Signals, Systems and Transform Techniques” conducted by EEE, Maturi Venkata Subba Rao (MVSR) Engineering College (Autonomous), Hyderabad from 22nd to 27th November 2021
12. **Dr. D. RAGA LEELA, Mr. B. BADDU NAIK, Mr. M. HEMANTH and Mr. B. BALA SAI BABU** attended in Faculty Development Programme on “AI and ML applications to Power Systems” conducted by School of Electrical Engineering, Vellore Institute of Technology, Chennai from 22nd to 26th November 2021
13. **Mr. Y. VISHNU MURTHULU** attended in Faculty Development Programme on “Data-Driven Strategies in Smart Power System and Control” conducted by online, NIT Andhra Pradesh from 22nd to 26th November 2021
14. **Dr. K. LENIN** attended in Faculty Development Programme on “Adoptive Approaches for Modern Teaching and Research” conducted by Centre for Research and Development & Institution Innovation Council, Shri Nehru Maha Vidyalaya College of Arts & Science, Coimbatore from 15th to 23rd November 2021
15. **Mr. M. SESHU** attended in Faculty Development Programme on “Recent Advances In Power Electronics And Power Systems” conducted by EEE Department, LBRCE, Mylavaram from 10th to 15th November 2021
16. **Mrs. V. SAI GEETHA LAKSHMI** attended in Faculty Development Program on “Electric Transportation Infrastructure For E-Mobility In India” conducted by National Institute of Technology Warangal from 8th to 12th November 2021
17. **Mr. B. BADDU NAIK** attended in ATAL - Faculty Development Programme on “Internet of Things and Human-Computer Interaction” conducted by Dept. of Computer Science & Engineering National Institute of Technology Goa, Ponda, Goa. from 25th to 29th October 2021
18. **Mrs. M. DEVIKA RANI** attended in Faculty Development Programme AICTE Training And Learning (ATAL) on “Fundamentals of Electric Vehicles” conducted by Indian Institute of Technology Jammu from 25th to 29th October 2021

19. **Mrs. M. DEVIKA RANI** attended in Faculty Development Programme on AICTE sponsored QIP Short Term Course on “**Smart Cities: Opportunities and Challenges**” conducted by NITTTR, Chandigarh from 25th to 30th October 2021
20. **Mr. B. BADDU NAIK** attended in Faculty Development Programme on “**Research Challenges, Opportunities in Smart Grid with Integration of Electrical Vehicles (RCOSGIEV-2021)**” • conducted by Department of Electrical & Electronics Engineering, VEMU Institute of Technology, P.Kothakota, Chittoor(Dt), A.P.from 8th to 12th October 2021.
21. **Mr. B. BADDU NAIK** attended in Faculty Development Programme on “**Electrical & Electronic Systems for wind & solar**” conducted by National Institute of Technical Teachers' Training and Research, Chennai from 4th to 8th October 2021.
22. **Mr. T. NARASIMHA PRASAD** attended in Faculty Development Programme on “**System Control & Computational Intelligence**” conducted by NPTEL swayam online from 4th to 8th October 2021.
23. **Mr. T. SRINIVASA RAO** attended in Faculty Development Programme on “**Introduction to Smart Grid**” conducted by Indian Institute of Technology, Roorkee (NPTEL) from 26th July to 26th September 2021
24. **Dr. K. LENIN** attended in Faculty Development Programme on “**Techno Economic Assessment of Flexibility Competency in Deregulated Power System**” conducted by Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur from 20th to 24th September 2021.
25. **Mrs. B. LALITHA** attended in Faculty Development Programme on “**Energy Storage: Science & Technology**” conducted by Motilal Nehru National Institute of Technology, Allahabad from 20th to 24th September 2021.
26. **Mrs. V. SAI GEETHA LAKSHMI** attended in Faculty Development Programme on “**Recent Computational Strategies for Condition Monitoring of High Voltage Equipment**” conducted by NIT Patna under the banner of Electronics and ICT Academy, NIT Patna, from 18th to 24th September 2021.
27. **Mr. B. MOHAN** attended in Faculty Development Programme on “**NPTEL-AICTE Faculty Development Programme**” conducted by NPTEL-AICTE, EEE, IIT Roorkee from 26th July to 22nd September 2021.
28. **Dr.C.KUMAR** attended in Faculty Development Programme on “**Electrical Distribution System Analysis**” conducted by Online NPTEL from 26th July to 17th September 2021.

29. **Mr. T. SRINIVASA RAO** attended in Faculty Development Programme on “**Renewable Energy Systems**” conducted by Department of Electrical and Electronics Engineering, Jerusalem College of Engineering, Chennai, from 29th to 30th September 2021.
30. Dr. **K. LENIN** attended in Faculty Development Programme on “**Recent Development in Green Technologies**” conducted by Department of Electrical and Electronics Engineering, ATME College of Engineering, Mysuru, from 24th to 29th September 2021.
31. **Dr. P. MUTHUKUMAR, Mrs. J. HEMA LATHA, Mrs. K. BHAVANA, Mr. M. HEMANTH SAI, Mrs. M. DEVIKA RANI, Mr. T. SRINIVASA RAO** attended in AICTE Training And Learning (ATAL) Academy Online Elementary Faculty Development Programme on “**Energy Storage: Science & Technology**” conducted by Department of Electrical and Electronics Engineering, Motilal Nehru National Institute of Technology, Allahabad, from 20th to 24th September 2021.
32. **Mr. B. BALA SAI BABU** attended in Faculty Development Programme on “**Future Challenges in Renewable Energy Systems - A Research Perspective**” conducted by Department of Electrical and Electronics Engineering, Sri Vishnu Engineering College for Women (Autonomous), Bhimavaram, from 13th to 19th September 2021.
33. **Mr. B. BADDU NAIK, Mrs. M. DEVIKA RANI** attended in Faculty Development Programme on “**Electric Vehicle and Power Systems**” conducted by The School of Electrical Engineering, Vellore Institute of Technology, Chennai, from 13th to 17th September 2021.
34. **Mrs. M. DEVIKA RANI** attended in Faculty Development Programme on “**Recent Trends in Energy and Power systems**” conducted by School of Electrical Engineering, VIT, Chennai, from 6th to 9th September 2021.
35. **Mrs. M. DEVIKA RANI** attended in Faculty Development Programme on “**Challenges and Opportunities in Integration of Electric Vehicles with Smart Electric Grids**” conducted by Department of Electrical Engineering, National Institute of Technology, Goa, Goa from 16th to 20th August 2021.
36. **Dr. C. KUMAR** attended in Faculty Development Programme on “**Renewable and Clean Energy**” conducted by Electrical Engineering Department, NITTTR, Chandigarh, from 9th to 13th August 2021.
37. **Dr. C. KUMAR** attended in Faculty Development Programme on “**Artificial Intelligence impacts on Telemedicine**” conducted by Department of Electronics and

Communication Engineering, Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad, from 2nd to 6th August 2021.

38. **Mr. B. BADDU NAIK, Mr. HEMANTH SAI, Mr. BALA SAI BABU and Mr. T. SRINIVASA RAO** attended in Faculty Development Programme on “Recent Trends in Electrical Engineering” conducted by Department of Electrical and Electronics Engineering, Geethanjali Institute of Science and Technology, Nellore, from 16th to 23rd August 2021.
39. **Mr. T. SRINIVASA RAO** attended in Faculty Development Programme on “Research Innovation & Recent Trends in Electrical & Electronics Engineering” conducted by Department of Electrical and Electronics Engineering, SJBIT, Bengaluru, from 16th to 20th August 2021.
40. **Mrs. V. SAI GEETHA LAKSHMI** attended in Faculty Development Programme on “Challenges and Opportunities in Integration of Electric Vehicles with Smart Electric Grids” conducted by National Institute of Technology Goa, from 16th to 20th August 2021.
41. **Dr. R. SWATHI** attended in Faculty Development Programme on “Embedded Design and Development using Free / Open Source Tools” conducted by Centre for Development of Advanced Computing, AICTE Training and Learning (ATAL) Academy, Vellayambalam, Thiruvananthapuram from 9th to 13th August 2021.
42. **Mr. B. BALA SAI BABU** attended in Faculty Development Programme on “Challenges and Control of Green and Sustainable Energy systems using Artificial Intelligence techniques” conducted by BVRIT College of Engineering for Women, Hyderabad from 9th to 13th August 2021.
43. **Mr. Y. VISHNU MURTHULU** attended in Faculty Development Programme on “Cyber-Physical Security for Critical Infrastructure: Smart Grid” conducted by Indian Institute of Information Technology, Allahabad, from 2nd to 6th August 2021.
44. **Mr. P. KARUNAKAR** attended in Faculty Development Programme on “Recent Advances In Signal Processing” conducted by ECE Department, Jawaharlal Nehru Technological University Kakinada, from 2nd to 6th August 2021.
45. **Mr. P. KARUNAKAR** attended in Faculty Development Programme on “Basics of Software defined Radios and Practical Applications” conducted by NPTEL from 26th July to 29th August 2021

46. **Dr. K. LENIN** attended in Faculty Development Programme on “Emerging paradigms of Research Methodology, Innovative Teaching Techniques Contemporary Legal Facets” conducted by ICFAI university, Jaipur from 26th to 30th July 2021.
47. **Dr. K. LENIN** attended in Faculty Development Programme on “Arduino” conducted by Spoken Tutorial Project, IIT Bombay. from 26th July to 1st August 2021.
48. **Dr. K. LENIN** attended in Faculty Development Programme on “Smart Cities” conducted by National Power Training Institute - Power Systems Training Institute ; (NPTI (PSTI) | Ministry of Power | Govt. of India BSK II Stage, PB No. 8201, Yaráb Nagar Bus Stop, Bangalore from 2nd to 6th August 2021.
49. **Dr. N. VIJAYA ANAND** attended in Faculty Development Programme on “Elements of FEM” conducted by Government Engineering College, Bharuch from 26th to 30th July 2021.
50. **Dr. R. SWATHI** attended in Faculty Development Programme on “Global Navigation Satellite Systems” conducted by Indian Institute of Information Technology Design and Manufacturing, Kurnool from 26th to 30th July 2021.
51. **Dr. R. SWATHI** attended in Faculty Development Programme on “Hands-on Approach for Design and Implementation of Lab-on-Bread Board- A Blended Learning” conducted by The National Institute of Engineering, Mysore, from 21st to 27th July 2021.
52. **Mr. M. SESHU** attended in Faculty Development Programme on “Sustainable Technologies for Electrical Transportation Systems” conducted by Gokaraju Rangaraju Institute of Engineering & Technology Hyderabad, from 12th to 24th July 2021.
53. **Mrs. J. HEMA LATHA** attended in Faculty Development Programme on “Electric Vehicles: Technologies and Challenges” conducted by A.D.Patel Institute Of Technology, New Vallabh Vidhyanager, Gujarat from 20th to 24th July 2021.
54. **Dr. C. KUMAR, Mrs. G. MADHAVI and Mrs. V. HARIKA** attended in Faculty Development Programme on “Green Technology for Sustainable Life: Indian Perspective” conducted by National Institute of Technology, Silchar, Assam from 19th to 23rd July 2021.
55. **Dr. K. LENIN** attended in Faculty Development Programme on “Cyber Security and Incident Analysis: A Practical and Investigative approach” conducted by Andhra University College of Engineering (A). from 19th to 23rd July 2021.

56. **Dr. D. RAGA LEELA**, **Mrs. G. MADHAVI** and **Mrs. V. HARIKA** attended in Faculty Development Programme on “Recent Trends in Power System Operation and Control” conducted by Government College of Engineering, Nagpur from 12th to 16th July 2021.
57. **Dr. K. LENIN** and **Mrs. V. SAI GEETHA LAKSHMI** attended in Faculty Development Programme on “Electrical Distribution System Analysis with Renewable Energy Sources” conducted by National Institute of Technology, Kurukshetra from 12th to 16th July 2021.
58. **Dr. C. KUMAR** attended in Faculty Development Programme on “AI, Machine Learning, Deep Learning and Automation Applications in Electrical Datasets: Theory to Hands on Practice” conducted by Department of Electrical and Electronics Engineering, SASI Institute of Technology & Engineering, Tadepalligudem from 5th to 10th July 2021.
59. **Dr. K. LENIN** and **Mr. Y. VISHNU MURTHULU** attended in Faculty Development Programme on “AI Solution for Optimum Utilization of Power and Energy” conducted by Dept. of EEE, NIT Srinagar, Srinagar from 5th to 9th July 2021.
60. **Dr. C. KUMAR**, **Mrs. V. SAI GEETHA LAKSHMI**, **Mrs. M. DEVIKA RANI** and **MR. B. MOHAN** attended in Faculty Development Programme on “Real Time Simulation: Road map for RE Grid Integration in Micro grid and Smart Grid” conducted by Electrical Engineering Department NITTTR, Chandigarh from 28th June to 2nd July 2021.
61. **Dr. C. KUMAR** attended Faculty Development Programme on “Smart Grid Markets: Key trends, Challenges and Opportunities” conducted by The Center for Continuing Education & Electrical Engineering Department, NITW from 27th to 31st July 2021.

Training Program : NIL

STTP/STCs:

1. **Dr. K. LENIN** participated in Short Term Course on “New normal pedagogy / andragogy” conducted by Indian Institute of Technology Kharagpur from 6th to 12th December 2021
2. **Dr. M.V. RAMESH** participated in Short Term Training Programme on “EV Design Master Class” conducted by Pantech e Learning from 13th to 17th December 2021

3. **Dr. K. LENIN** participated in Training Programme on “[Advances on Power Generation from Renewable Energy Sources](#)” conducted by Poornima College of Engineering, Jaipur from 6th to 11th December 2021
4. **Mr. B. BADDU NAIK** participated in Training Programme on “[Alumni Leadership Program](#)” conducted by IIIT Campus, Gachibowli, Hyderabad from 13th to 16th November 2021
5. **Dr. K. LENIN** participated in Short Term Course on “[RTCIC-2021](#)” conducted by Dr. B. R. Ambedkar National Institute of Technology Jalandhar, from 20th to 24th October 2021.
6. **Dr. K. LENIN** participated in Short Term Training Course on “[Internet of Things \(IoT\) Opportunities, Issues And Challenges for Control and Biomedical Applications](#)” conducted by Department of Instrumentation and Control Engineering, Dr B R Ambedkar National Institute of Technology Jalandhar from 6th to 10th October 2021.
7. **Mr. P. KARUNAKAR** participated in Short Term Training Programme on “[Internet of Things Master class \(30 Days\)](#)” conducted by APSSDC & Pantech e learning from 19th September to 18th October 2021
8. **Mr. M. RAVI KUMAR** participated in Short Term Training Programme on “[Entrepreneurship Development & Startups](#)” conducted by (NITTTR, Chennai) from 4th to 8th October 2021.
9. **Mr. M. SESHU** participated in Training Programme on “[Artificial Intelligence in Remote Sensing Applications](#)” conducted by CSE Department, VRSEC, Vijayawada from 27th September to 8th October 2021.
10. **Mr. B. MOHAN** participated in Short Term Training Programme on “[Effective Engineering Teaching Practices](#)” conducted by NITTTR, Kolkata from 25th to 30th October 2021

11. **Mrs. B. LALITHA** participated in Short Term Training Programme on “Applications of Power Electronics in Smart Energy Systems” conducted by National Institute of Technology, Puducherry from 30th August to 3rd September 2021.
12. **Mr. M. SESHU** participated in Short Term Training Programme on “Recent Trends and Challenges in Power Market with Smart Grid Technologies” conducted by VRSEC, Vijayawada from 20th to 25th September 2021.
13. **Mr. B. BADDU NAIK, Mr. B. MOHAN, Mrs. G. MADHAVI, Mrs. V. HARIKA** participated in One Week National Level Online Short Term Training Program (STTP) on “Recent Trends and Challenges in Power Market with Smart Grid Technology” conducted by Department of Electrical and Electronics Engineering, Velagapudi Ramakrishna Siddhartha Engineering College, Vijayawada, from 20th to 25th September 2021.
14. **Mr. B. MOHAN** participated in Short Term Training Programme on “Applications of Power Electronics in Smart Energy Systems” conducted by Department of Electrical and Electronics Engineering, National Institute Of Technology, Puducherry. Karaikal from 30th August to 3rd September 2021.
15. **Mrs. M. DEVIKA RANI** participated in Short Term Training Programme on “Analysis of Electrical and Electronics Circuits using MATLAB” conducted by Department of Electrical Engineering, NITTTR, Kolkata, from 23rd to 27th August 2021.
16. **Mrs. M. DEVIKA RANI** participated in Short Term Training Programme on “MATLAB Programming for Simulation and Design” conducted by Department of Electrical, Electronics & Communication Engineering, NITTTR, Chennai, from 9th to 13th August 2021.

17. **Mrs. M. DEVIKA RANI** participated in Short Term Training Programme on “**Application of MATLAB in Engineering**” conducted by Department of Electrical Engineering, NITTTR, Kolkata, from 2nd to 6th August 2021.
18. **Dr. K. LENIN, Mrs. M. DEVIKA RANI, Mr. B. MOHAN** participated in AICTE sponsored QIP Short Term Course on “**Distributed Generation and Microgrid**” conducted by Electrical Engineering Department, National Institute of Technical Teachers Training and Research, Chandigarh, from 9th to 14th August 2021.
19. **Dr. K. LENIN** attended in Workshop on “**MUltilingual and Code-Switching ASR Challenges for Low Resource Indian Languages(MUCS) 2021**” conducted by Microsoft Research Lab India Pvt Ltd, from 12th to 13th August 2021.
20. **Mrs. V. SAI GEETHA LAKSHMI** participated in Short Term Training Programme on “**MATLAB Programming for Simulation and Design**” conducted by NITTR Chennai from 9th to 13th August 2021.
21. **Mrs. V. SAI GEETHA LAKSHMI** participated in Short Term Course on “**Distributed Generation And Microgrid**” conducted by National Institute of Technical Teachers Training and Research Chandigarh from 9th to 14th August 2021.
22. **Mrs. V. SAI GEETHA LAKSHMI** attended in Workshop on “**MATLAB Applications in Industry 4.0**” conducted by NITTR Chennai from 12th to 13th August 2021.
23. **Dr. K. LENIN** participated in Short Term Training Programme on “**Blockchain & It's Applications (Phase IV)**” conducted by Vivekanand Education Society's Institute of Technology, Chembur, Mumbai, Maharashtra, from 16th to 21st August 2021.
24. **Mr. M. RAVI KUMAR and Mr. M. SESHU** participated in Short Term Training Programme on “**Emerging Technologies in Electric Vehicles**” conducted by Department of EEE, Bapatla Engineering College, Bapatla, from 2nd to 14th August 2021.

25. **Mr. B. BALA SAI BABU** participated in Short Term Training Programme on “Application of Machine Learning and Artificial Intelligence Techniques for Control of Future Grid” conducted by Department of EEE, NMAM Institute of Technology, NITTE, from 2nd to 7th August 2021.
26. **Mrs. V. SAI GEETHA LAKSHMI** participated in Training Programme on “MATLAB Programming for Simulation and Design” conducted by NITTR Chennai, from 9th to 13th August 2021.
27. **Mrs. M. DEVIKA RANI** participated in Training Programme on “Circuit Simulation and PCB Design using Multisim” conducted by Department Of Electrical, Electronics & Communication Engineering, NITTTR Chennai from 26th to 30th July 2021.

Seminars /Webinars:

1. **Dr. D. RAGA LEELA, Mr. B. BADDU NAIK and Mr. M. HEMANTH** participated in Webinar on “Boost Inverter Topologies for Renewable Energy Applications” conducted by School of Electrical Engineering, Vellore Institute of Technology – Chennai on 13th November 2021
2. **Dr. K. LENIN** attended in Workshop on “Nuclear Energy and Measurement” conducted by National Institute of Technology, Tiruchirappalli from 23rd to 25th September 2021.
3. **Dr. K. LENIN** attended in Workshop on “Jammu through Ages: An Introspection conducted” by Shri Mata Vaishno Devi University (J&K) on 17th September 2021.
4. **Dr. K. LENIN** attended in Workshop on “Industrial revolution 4.0” conducted by Jaypee university of Information technology, HP from 3rd July to 4th September 2021.
5. **Mrs. G. MADHAVI and Mrs. B. LALITHA** participated in Webinar on “Balanced Diet: The key to Master your Metabolism” conducted by Women's Cell of Prasad V Potluri Siddhartha Institute of Technology in association with Women’s Cell of Parvathaneni

Brahmayya Siddhartha College of Arts & Science, Vijayawada, Andhra Pradesh, on 12th August 2021.

6. **Mrs. M. DEVIKA RANI** participated/attended in Webinar on “**Make the habit... Habit will make you**” conducted by Department of Electronics and Communication Engineering at Dr. Ambedkar Institute of Technology, Bengaluru 6th July 2021.

Workshops:

1. **Dr. K. LENIN** attended in Workshop on “**Statistical Techniques for Data Analysis**” conducted by Department of Physics, Dr. B. R. Ambedkar National Institute of Technology, Jalandhar, Punjab from 22nd to 26th November 2021
2. **Dr. N. VIJAYA ANAND** attended Workshop on Workshop on “**Complete Personality Development**” conducted by online by the National Skill Development Forum, IEI in association with Supreme Court Lawyers on 23rd July 2021.
3. **Dr. K. LENIN** attended in Workshop on “**Wireless System Design Using Simulink And Vivado**” conducted by Bangalore institute of technology from 28th to 30th July 2021.

FACULTY ACHIEVEMENTS :

1. Received Best Paper award. - **M.DEVIKA RANI, V.SAI GEETHA LAKSHMI**, “**Power Quality Enhancement in Windfarms using SVC**”, 2nd International Conference on Emerging Trends in Materials, Computing and Communication Technologies (ICETMCCT-2021) held on 9th and 10th December 2021, PP: 771-780, Organized by Annai Vailankanni College of Engineering, Tamil Nadu, India.
2. **Dr. M.V. RAMESH** elected as a board member of Journal of Next Generation Technology from Nov – 21. This will for the next two years.
3. The following list of faculty enrolled and certified in **Coursera / uLektz /NPTEL** Online Course during July- Dec 2021

- **M.DEVIKA RANI** completed a course titled, '[Natural Gas](#)' authorized by University at Buffalo, The State University of New York and offered through Coursera in 9th November ,2021.
- **M.DEVIKA RANI** completed a course titled, " [Research for Impact](#)" authorized by University of Cape Town and Oxfam and offered through Coursera on 18th October,2021.
- **Dr.C.KUMAR** completed a course titled, " [Wind Energy](#)" authorized by Technical University of Denmark (DTU) and offered through Coursera on 18th September,2021.
- **Mr.B.BADDU NAIK** completed a course titled, " [Electric Industry Operations and Markets](#)" authorized by Duke University and offered through Coursera on 28th August ,2021.
- **Dr.D.RAGALEELA** completed a course titled, " [Electric Industry Operations and Markets](#)" authorized by Duke University and offered through Coursera on 7th August ,2021.
- **Mr.B.MOHAN** completed a course titled, " [Wind Energy](#)" authorized by Technical University of Denmark (DTU) and offered through Coursera on 26th July,2021.
- **M.DEVIKA RANI** completed a course titled, "[Understanding Research Methods](#)" authorized by University of London and SOAS University of London and offered through Coursera on 1st July,2021
- **M.DEVIKA RANI** completed a course titled, "[Introduction to Cloud Identity](#)" authorized by Google Cloud and offered through Coursera on 2nd July,2021.

FACULTY INTERACTION WITH OUTSIDE WORLD:

- i. **Dr. M. VENUGOPALA RAO** acted as a session chair in Virtual International conference on “Recent Trends in Power Systems and Power Electronics – 2K21” on organized by Narasaraopet Engg., College, Narasaraopet held on 28th July 2021
- ii. **Dr. M. VENUGOPALA RAO** attended for the Doctoral Committee Meeting organized by Vignan’s deemed to be University, vadlamudi on 3rd Dec,2021
- iii. **Dr. M.V.RAMESH** elected as a board member for the Journal of Next Generation Technology from Nov – 2021 for the next two years.

STUDENT PARTICIPATION:

a) Curricular activities:

1. **P. NAGA LAKSHMI** Sindhu (18501A0260) of IV EEE successfully completed online live training program on [Machine Learning & Data Science with Python](#) conducted by GOEDUHUB TECHNOLOGIES from 20th May 2021 to 5th July 2021.
2. 8 students of EEE participated in the event ‘[Creative Ideas in Electrical Engineering](#)’ on 08th July, 2021 organized by ISTE student chapter, PVP Siddhartha Institute of Technology, Kanuru, Vijayawada.
3. 20 students of EEE participated in Online Training Program on ‘[Game Design Using Buildbox](#) Online 2021 -22’ from 12th – 24th July, 2021 conducted by APSSDC.
4. 100 students of IV EEE participated in webinar program on “[Digital Transformation and Automation](#)” On account of Engineer’s day celebrations on 15th September 2021 organized by ISTE student chapter, PVP Siddhartha Institute of Technology, Kanuru, Vijayawada.
5. 51 students of III & IV EEE participated in online quiz on 15th September 2021 conducted by SESI student chapter, PVP Siddhartha Institute of Technology, Kanuru, Vijayawada.

6. **K. HEMANTH KUMAR** (20505A0207) of III EEE has successfully completed Internet of Things Master Class (30 days) at Pantech e Learning Pvt Ltd, Chennai From 19th September 2021 to 18th October 2021.
7. **P. PHANI SANKAR GANESH** (20501A0267) of II EEE has participated in General Quiz Organized by ISTE Student Chapter, PVPSIT on 12th October 2021.
8. 97 second year EEE Students has participated in training program on python programming held from 25th October 2021 to 6th November 2021.
9. 4 students of II EEE has participated in Webinar on How to get internships & 75% scholarship on Microsoft and Google certifications with free Ethical hacking training organized by knowledge solutions India on 10th November 2021.
10. 3 students of II EEE has participated in Webinar on How to get internships & 75% scholarship on Microsoft and Google certifications with free Ethical hacking training organized by knowledge solutions India on 12th November 2021.
11. **K. HEMANTH KUMAR** (20505A0207) of III EEE has successfully completed 30 days Renewable Energy Master Class at Pantech e Learning Pvt Ltd, Chennai From 17th October 2021 to 16th November 2021.
12. 28 students of EEE students has participated in the event model expo conducted by EEE Department, PVPSIT on 18th December 2021.
13. A total of 89 second year students has successfully completed “Introduction to Computers” online test organized at Prasad V. Potluri Siddhartha Institute of Technology conducted remotely from IIT Bombay with course material provided by the Spoken Tutorial Project, IIT Bombay on August 5th 2021.
14. A total of 58 second year students has successfully completed “C” online test organized at Prasad V. Potluri Siddhartha Institute of Technology conducted remotely from IIT

Bombay with course material provided by the Spoken Tutorial Project, IIT Bombay on August 6th 2021.

15. A total of 56 second year students has successfully completed “Cpp” online test organized at Prasad V. Potluri Siddhartha Institute of Technology conducted remotely from IIT Bombay with course material provided by the Spoken Tutorial Project, IIT Bombay on August 6th 2021.

b) Extra-Curricular Activities:

1. **E.NARENDRA VARMA**(18501A0225),**V.DHANUSH**(18501A0291) NCC cadets IV EEE participated in the event selected for **Ek Bharat Shershta Bharat** 10th Phase(National Level) Camp-ONLINE CAMP , of III and IV EEE participated in the event 20th to 25th Sep 2021
2. 4 students of III and IV EEE participated in the event **NCC selection camp of IGC-RDC-2021-2022** Sri Prakash Vidya Niketan, Diwancheruvu, Rajamundry 2nd to 11th October ,2021
3. 11 students of II,III and IV EEE participated in the event Cycling On Healthy lifestyle & pollution -free planet at our college on 23rd Oct 2021.
4. 11 students of II,III and IV EEE participated in the event “**National Education Day**” at our college on 11th Nov 2021.
5. 11 students of II,III and IV EEE participated in the event Awareness drive on "**Polio Vaccination**" at Krishnalanka on 18th Novt.2021.
6. 11 students of II,III and IV EEE participated in the event “**RYLA MANALI 2021 - Rotary Youth Leader ship Awards at Rotary club of Manali** “ on 19th Nov. 2021 to 21st Nov. 2021.
7. 11 students of II,III and IV EEE participated in the event “**Constitution Day**” at our college on 26th Nov. 2021.

8. 11 students of II,III and IV EEE participated in the event “[Amrit Mahotsav](#) “ at our college on on 24th Nov. 2021-26th Nov. 2021.
9. 4 students of III and IV EEE participated in the event NCC Cadets attended a “[Azadi ka Amrit Mahotsav](#)” District Administration Govt.,Vijayawada, A.P. in association with SAGTE and JIGNASA Interface private ltd.
10. Shaik Ashraff Sohail (20501A0278) of II EEE student participated in the event S.P.Performance as a part of 75 years“[Azadi ka Amrit Mahotsav](#)” 2021. District Administration Govt. Vijayawada, A.P. in association with SAGTE and JIGNASA Interface private ltd. SAGTE on 26th & 27th Nov. 2021 .
11. 4 students of II EEE participated in the event Mock Parliament and General Quiz as a part of “[Azadi ka Amrit Mahotsav](#)” District Administration Govt.Vijayawada, A.P. in association with SAGTE and JIGNASA Interface private ltd. SAGTE 26th & 27th Nov. 2021.
12. 22 students of II EEE participated in the event Rally from PB Siddharatha College of Arts & Science to IGMC Stadium,Vijayawada” as a part of “[Azadi ka Amrit Mahotsav](#)” District Administration Govt.Vijayawada, A.P. in association with SAGTE and JIGNASA Interface private ltd. SAGTE 26th & 27th Nov. 2021
13. **E.NARENDR** **VARMA**(18501A0225) IV EEE NCC Cadet selected for [Trekking Camp](#) (2021-2022) Ahobilam(Nandyala) 3rd Dec. to 10th Dec.2021
14. 4 students of III and IV EEE NCC Cadets attended the [TRG PGME CADRE CAMP](#) PVPSIT ,Vijayawada 12th Dec, to 18th Dec,2021.
15. **10. V.DHANUSH** (18501A0291) of IV EEE student participated in the event Inter Collegiate Tournaments Cum University team selection trails-2021 BOXING ,JNTUK, KAKINADA on 14th Dec. 2021.

16. **G.KUMIDHINI LAYA**(18501A0227) of IV EEE student participated in the event Inter Collegiate Tournaments Cum University team selection trails-2021 **YOGA**,JNTUK,Kakinada on 15th Dec.2021
17. **G.VYSHNAVI** (18501A0232) of IV EEE student participated in the event Inter Collegiate Tournaments Cum University team selection trails-2021 **YOGA** ,JNTUK ,Kakinada on 15th Dec.2021.
18. **P.SURYA DEEPAK**(20501A0262) of IV EEE student participated in the event Inter Collegiate Tournaments Cum University team selection trails-2021 , **BOXING** JNTUK, Kakinada on 15th Dec.2021., 18th Dec.2021 to 31st Dec 2021(AIUT)
19. **P.SURYA DEEPAK**(20501A0262) of IV EEE student participated in the event Inter Collegiate Tournaments Cum University team selection trails-2021 (**BOXING**) RK college of Engineering ,Kethankonda as a part of JNTUK, Kakinada on 14th Dec.2021.
20. **J SURESH** (19501A0235) of III EEE student participated in the event Athletics at VIVA VVIT-2018-21,VVIT,NAMBURU,GUNTUR on 21st to 22nd Dec.2021.
21. 18 students of of II EEE student participated in the event Awareness session on "Telugu people foundation scholarship " at PVPSIT ,KANURU on 22nd Dec. 2021

STUDENT ACHIEVEMENTS:

1. **PALLAPU JAHNAVI** (20505A0212) of II EEE has participated in the event “**Creative Ideas in Electrical Engineering**” and won I Prize held on 8th July 2021 organized by ISTE student chapter, PVP Siddhartha Institute of Technology, Kanuru, Vijayawada.
2. **K. RAMA KRISHNA** (18501A0265) of III EEE has participated in the event “**Creative Ideas in Electrical Engineering**” and won II Prize held on 8th July 2021 organized by ISTE student chapter, PVP Siddhartha Institute of Technology, Kanuru, Vijayawada.

3. **B.LAKSHMI CHARITHA** (18501A0208) of III EEE has participated in the event “Creative Ideas in Electrical Engineering” and won III Prize held on 8th July 2021 organized by ISTE student chapter, PVP Siddhartha Institute of Technology, Kanuru, Vijayawada.
4. **P.JAHNAVI** (20505A0212), **MVS Nagamani** (20505A0209), **S. SaraPrabha** (20505A0213) of III EEE has participated in the event “**Model expo**” and won I Prize held on 18th December 2021 organized by SESI student chapter, PVP Siddhartha Institute of Technology, Kanuru, Vijayawada.
5. **M. KAVYA** (20501A0249), **M. Kavya** (20501A0250), **Ch. Mahathi** (20501A0211) of II EEE has participated in the event “**Model expo**” and won II Prize held on 18th December 2021 organized by SESI student chapter, PVP Siddhartha Institute of Technology, Kanuru, Vijayawada.
6. **K. VAMSI BABU** (20501A0233), **K. Chinni Siva Kumar** (20501A0234), **G.Raghavendra** (20501A0222) of II EEE has participated in the event “**Model expo**” and won III Prize held on 18th December 2021 organized by SESI student chapter, PVP Siddhartha Institute of Technology, Kanuru, Vijayawada.
7. **G. AANEESHA** (20501A0220) of II EEE has got FIRST Prize in the event of **Ideathon at LAKSHYA-2K11** organized by Lakkireddy Bali Reddy College of Engineering in 15th national Level Technical paper symposium conducted on 23rd December 2021.
8. **Mr.V. SURYA DEEPAK** of II B.Tech EEE participated and won in **Boxing (M)** event - JNTUK, Kakinada Inter collegiate tournaments organized in R.K. College of Engg., Kethanakonda on 14th December 2021

Higher Education:

- i. **PILLA BHANU SRI** (17501A0291) of 2017-2021 Batch joined Master’s Degree in Youngstown State University, Youngstown, Ohio, United States.

- ii. **ROHIT MULAGALA** (17501A0299) of 2017-2021 Batch joined Master's Degree in Internet of Things in School of Engineering and Sciences, SRM University, Andhra Pradesh.
- iii. **ANNAM NAGAVAMSI** (18501A0204) of IV B. Tech qualified GRE in the month of Dec-2021 secured rank 318 out of 340.
- iv. **M. GOWTHAM KRISHNA** (18501A0247) of IV B. Tech qualified GRE in the month of Nov-2021 secured rank 316 out of 340.
- v. **M SAI PRADEEP**(18501A0248) of IV B. Tech qualified GRE in the month of Sep-2021 secured rank 325 out of 340.
- vi. **M.VINAY**(18501A0249) of IV B. Tech qualified GRE in the month of Sep-2021 secured rank 320 out of 340.
- vii. **R. SAI CHANUKYA CHOWDARY** (17501A0295) of IV B. Tech qualified GRE in the month of Nov -2021 secured rank 321 out of 340.
- viii. **RAMAKIRSHNA K**(18501A0265) of IV B. Tech qualified IELTS in the month of Nov-2021 secured score 8.
- ix. **V.LASHMOJI RAO** (18501A0288) of IV B. Tech qualified GRE in the month of Oct 2021 secured rank 317 out of 340.

PLACEMENTS:

S.No.	Roll.No.	Student Name	Company
1	19505A0223	NIMMAKURI AJAYS AIRAM	HEXAWARE TECHNOLOGIES
2	18501A0209	BHEEMAVARAPU RISHITA	CAPGEMINI
3	18501A0212	BODDU JAYASREE	
4	18501A0229	GOPIDESI ROHINI	
5	18501A0246	MADDIPATLA DIVYA	
6	18501A0265	RAMAKRISHNA KANNEGANTI	
7	18501A0275	AKASH SAI SIDDABATTULA	
8	18501A0286	VADLAMATI DANIEL	
9	18501A0287	VAKKALAGADDA LAKSHMI LIKITHA	

10	18501A0209	BHEEMAVARAPU RISHITA	GenC	
11	18501A0211	BILLA DURGA BHAVANI		
12	18501A0212	BODDU JAYASRI		
13	18501A0213	BOMMINIENI KRISHNA CHAITANYA		
14	18501A0222	DINESH VARMA POHANA RAO		
15	18501A0223	DIVYA PATHAK		
16	18501A0229	GOPIDESI ROHINI		
17	18501A0234	K GEYA HARIKA		
18	18501A0238	KANNIKANTI SARIKA		
19	18501A0242	KOTHAPALLI SRIKRUTHI		
20	18501A0246	MADDIPATLA DIVYA		
21	18501A0260	P NAGA LAKSHMI SINDHU		
22	18501A0261	PEDASINGU JEEVAN		
23	18501A0265	RAMAKIRSHNA KANNEGANTI		
24	18501A0272	SANGAVARAPU BHAVANA		
25	18501A0287	V LAKSHMI LIKHITHA		
26	18501A0292	V.MOHAN SUBRAHMANYAM		
27	18501A0294	YARLAGADDA YASASRI		
28	19505A0207	DADI GANESH		
29	19505A0217	KOKKILIGADDA SIVA TEJA		
30	19505A0218	MANDRU CHARAN		
31	19505A0222	NANDAM SASIDHAR		
32	19505A0229	PERURI G. CHANDRA MOULI		
33	19505A0236	TAMMINA MONIKA		
34	18501A0209	BHEEMAVARAPU RISHITA		TCS (Ninja)
35	18501A0211	DURGA BHAVANI BILLA		
36	18501A0213	BOMMINIENI KRISHNA CHAITANYA		
37	18501A0216	PRATYUSHA CHILUKURI		
38	18501A0218	TEJASWINI CHINTHAMALLA		
39	18501A0222	DINESH VARMA POHANA RAO		
40	18501A0223	DIVYA PATHAK		
41	18501A0227	G KUMIDHINI LAYA		
42	18501A0234	GEYA HARIKA KOTICHUKKALA		
43	18501A0242	SRIKRUTHI KOTHAPALLI		
44	18501A0246	DIVYA MADDIPATLA		
45	18501A0265	RAMAKRISHNA KANNEGANTI		
46	18501A0272	SANAGAVARAPU BHAVANA		
47	18501A0292	MOHAN SUBRAMANYAM VUTUKURU		
48	19505A0231	MOUNIKA REDDY SANIKOMMU		
49	19505A0232	MAHENDRA SANKULA		
50	18501A0209	RISHITA BHEEMAVARAPU	Accenture	
51	18501A0212	BODDU JAYASREE		
52	18501A0213	BOMMINIENI KRISHNA CHAITANYA		
53	18501A0216	CHILUKURI PRATYUSHA		
54	18501A0218	CHINTHAMALLA TEJASWINI		

55	18501A0222	DINESH VARMA POHANA RAO	WIPRO
56	18501A0223	DIVYA PATHAK	
57	18501A0227	GELLI KUMIDHINI LAYA	
58	18501A0234	K GEYA HARIKA	
59	18501A0243	KOTICHUKKALA SRI HARSHA	
60	18501A0246	MADDIPATLA DIVYA	
61	18501A0255	SAHITHI MORAMPUDI	
62	18501A0260	NAGA LAKSHMI SINDHU PARUCHURI	
63	18501A0272	SANAGAVARAPU BHAVANA	
64	18501A0286	VADLAMATI DANIEL	
65	19505A0214	KARINGU DEVI VARA PRASAD	
66	19505A0224	REVANTH KUMAR N	
67	19505A0226	NAVEEN KUMAR PANTHADI	
68	18501A0209	BHEEMAVARAPU RISHITA	
69	18501A0213	KRISHNA CHAITANYA BI	
70	18501A0216	CHILUKURI PRATYUSHA	
71	18501A0223	DIVYA PATHAK	
72	18501A0227	GELLI KUMIDHINI LAYA	
73	18501A0229	GOPIDESI ROHINI	
74	18501A0232	GURRAM VYSHNAVI	
75	18501A0234	K GEYA HARIKA	
76	18501A0242	KOTHAPALLI SRIKRUTHI	
77	18501A0243	KOTICHUKKALA SRI HARSHA	
78	18501A0250	MOHANA HARISH MAREEDU	
79	18501A0251	MATTAPUDI JO BABU	
80	18501A0265	RAMAKRISHNA KANNEGANTI	
81	18501A0270	SABAVATH DIVYA	
82	18501A0272	SANAGAVARAPU BHAVANA	
83	18501A0281	TANUSRI JENNA	
84	18501A0282	TARAPATLA JHANSI	
85	18501A0283	JEEVAN KUMAR THOTA	
86	18501A0285	PAVAN KARTHIK UDAYAGIRI	
87	18501A0292	V. MOHAN SUBRAHMANYAM	
88	19505A0207	DADI GANESH	
89	19505A0214	KARINGU DEVI VARA PRASAD	
90	19505A0222	SASIDHAR NANDAM	
91	19505A0232	SANKULA MAHENDRA	

INDUSTRIAL VISITS:

III EEE (S1) Students visited Dr. NTTPS on 27th November,2021.

III EEE (S2) & one M.Tech Students visited Dr. NTTPS on 26th November,2021

Internship/Training Programs

S.NO	REG.NO	Name of the Student	Duration
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Delloitte

1	18501A0234	GEYA HARIKA	Jul-21
2	18501A0210	BHOGADI PRANEETHA	Jul-21
3	18501A0214	BORUKATI RUPASRI	Jul-21
4	18501A0208	LAKSHMI CHARITHA BANDI	Jul-21

KPMG

1	18501A0252	M VENKATA SATYA SURAJ	Jul-21
2	19505A0228	P PRAVEEN	Oct-21

JP MORGAN CHASE & CO

1	18501A0251	M Jo Babu	Jul-21
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APSSDC

1	18501A0211	BILLA DURGA BHAVANI	28th June to 30th July 2021
2	18501A0233	JARABALA SAITEJA	28th June to 30th July 2021
3	20505A0207	KOPPAKA HEMANTH KUMAR	28th June to 30th July 2021
4	18501A0225	E NARENDRA VARMA	28th June to 30th July 2021
5	18501A0215	CHADALAVADA PRAVEEN SAGAR	12th July to 20th Aug 2021

VYORIUS-IIT Kanpur

1	19501A0265	M Sai Deepthi	10th June to 10th Aug 2021
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INVENTROM Pvt Limited

1	19501A0274	PERURI CHARAN NAGA RAJ	12th July 2021 to 11th Sep 2021
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SOUTH CENTRAL RAILWAY (WOMEN WELFARE ORGANIZATION)

1	18501A0210	B PRANEETHA	20th Sep to 20th Oct 2021
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IEEE

1	19501A0275	POPULA BHARGAVI	11th Oct 2021 to 27th Oct 2021
1	19501A0265	M SAI DEEPTHI	11th Oct 2021 to 27th Oct 2021

SMART KNOWERS

1	20505A0218	SRIPATHI SAMUEL MANOHAR	1st Oct 2021 to 30th Nov 2021
2	19501A02A4	VAMJARAPU JOTHIRMAYI	1st Oct 2021 to 30th Nov 2021

EDU SKILLS -AICTE

1	19501A0209	BOLISSETTY VALLI KUMARI	1st Oct 2021 to 31st Dec 2021
2	19501A0209	SAI NISCHALA KUCHIBHOTLA	1st Oct 2021 to 31st Dec 2021

TECHVANTO ACADEMY

1	19501A0288	SHAIK SHAJUDDIN	1st Dec 2021 to 30th Dec 2021
1	20505A0215	YANAMADALA GOWTHAM SAI	1st Dec 2021 to 30th Dec 2021

OTHERS:

- SESI student chapter conducted a webinar program on "Drone Technology –A Break Through" to our II and III B.Tech students on 24th November, 2021. Resource Person: Mr. Pavan Kumar Pilli, Center Head /Drone Pilot Instructor, Indian Institute of Drones.
- ISTE student chapter conducted a webinar program on "Digital Transformation and Automation" by K. Venkata Satyendra Nadh, Delivery Manager, Accenture, Hyderabad on account of Engineer's day celebrations on 15th September, 2021
- SESI – student Chapter conducted Technical Quiz for III and IV B.Tech Students in the eve of Engineer's Day on 15th Sep, 2021..
- ISTE –student chapter conducted "Creative Ideas in Electrical Engineering" for II and III B.Tech students on 8th July, 2021.
- SESI – student Chapter conducted Model expo on "Renewable energy resources" to all the students as a part of Energy Conservation Week on 18th December 2021.
- Mr. Ch. Tej Kumar (08501A0219) of 2008-12 batch who is working as Tech Lead, Assistant consultant, TCS, Singapore interacted with III B. Tech students on "Pep Talk on Career Opportunities in IT" on 22nd October, 2021
- Mr. S.Chandra Sekhar (08501A0282) of 2008-12 batch who is working as Sales Force Senior Engineer, Link Mobility (IBM), Norway interacted with III B. Tech students on "Awareness Program on Higher Studies" on 30th November, 2021.