



# 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: 18

January-June-2021

### Faculty Incharge :

Mrs. R.Swathi  
Mr. B.Mohan

### President:

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

### Quotation

"We don't have to be  
smarter than the rest.  
We have to be more  
disciplined than the  
rest."

Warren Buffett

### 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

### FACULTY PUBLICATIONS:

#### International Journals:

1. RAGALEELA DALAPATI RAO, PADMANABHA RAJU CHINDA,  
Meduri Kiran, "Corona and Electric Field Distribution Analysis in 400 kV  
Line Insulators", Advances in Technology Innovation, vol. 6, no. 1, January  
2021, pp. 21-30, ISSN: 2518-2994. (Scopus Indexed).
2. N. Kalpana and M.VENU GOPALA RAO, "A Generalized Technique to  
Assess the Optimum Location and Performance Analysis of UPFC using  
Swarm-Based Algorithms" Journal of Green Engineering, Vol. 11, Issue 1,  
January 2021, PP: 88-103, ISSN: 1904-4720. (Scopus Indexed).

3. **B. BADDU NAIK, CH. PADMANABHA RAJU** and R. Srinivasa Rao, “A Novel approach of Congestion Management in Transmission Networks Using an Advanced Interline Power Flow Controller with Constriction Factor-Based Particle Swarm Optimization Algorithm”, Journal of Theoretical and Applied Information Technology, 31<sup>st</sup> March 2021, Vol.99. No 6, ISSN: 1992-8645, PP: 1280-1295. **(Scopus Indexed)**.
4. **KUMAR CHERUKUPALLI, PADMANABHA RAJU CHINDA**, Sujatha Peddakotla, “A hybrid SATS algorithm-based optimal power flow for security enhancement using SSSC” International Journal of Computer Aided Engineering and Technology (IJCAET), Vol. 14, No. 3, April 2021, ISSN : 1757-2657. **(Scopus Indexed)**.
5. **P. MUTHUKUMAR; VENKATA RAMESH MADDUKURI**; K. Eswaramoorthy; N. Veeramuthulingam; T. Jarin, “The Review and Investigation of Sustainable Thirteen Level Multilevel Inverter Control Strategies”, World Review of Science, Technology and Sustainable Development, Inderscience April 2021 Vol.17 No.2/3, pp.153 – 171, DOI: 10.1504/WRSTSD.2021.114675 **(Scopus Indexed)**.
6. **PADMANABHA RAJU CHINDA, RAGALEELA DALAPATI RAO**, “Power System Security Evaluation Using Composite Logic Criteria”, Journal of Theoretical and Applied Information Technology 31<sup>st</sup> May 2021. Vol.99. No 10, ISSN: 1992-8645, PP: 2434-2444 **(Scopus Indexed)**.
7. **MADHAVI GUDAVALLI, HARIKA VEMULAPALLI, KUMAR CHERUKUPALLI**, “Voltage Stability Analysis Using Continuation Power Flow Under Contingency”, Journal of Theoretical and Applied Information Technology 31<sup>st</sup> May 2021. Vol.99. No 10, ISSN: 1992-8645, PP: 2373-2383 **(Scopus Indexed)**.

8. **LENIN KANAGASABAI**, “Real Power Loss Reduction by Billfish and Red Mullet Optimization Algorithms”, Strategic Planning for Energy and the Environment, Vol. 39, Issue 1-4 May 2021, PP: 151-178, ISSN: 1546-0126 (**Scopus Indexed**).
9. **T. NARASIMHA PRASAD** and A. Lakshmi Devi, “Cost-Based Interlinking Converter Droop Control Strategy for Load Management with Improved Voltage Regulation in AC–DC Microgrid” Journal of Control, Automation and Electrical Systems, Volume 32, issue 4, May 2021, PP: 1071–1086, ISSN:2195-3880, <https://doi.org/10.1007/s40313-021-00713-0> (**ESCI & Scopus Indexed**)
10. **LENIN KANAGASABAI**, “Real power loss reduction by percheron optimization algorithm”. International Journal of Information Technology, Volume 13, Issue 3, PP: 1089–1093, June 2021, ISSN: 2511-2112. <https://doi.org/10.1007/s41870-021-00651-9> (**Scopus Indexed**).
11. Ananthan Nagarajan, Sivachandran P., Suganyadevi M.V., **MUTHUKUMAR P.** "A study of UPQC: emerging mitigation techniques for the impact of recent power quality issues", Circuit World, January 2021, ISSN: Moscow 0305-6120, Vol. 47, No. 1, PP: 11-21, ISSN: 0305-6120, <https://doi.org/10.1108/CW-09-2019-0125> (**SCIE and Scopus Indexed**)
12. K. C. Deekshit Kompella, Naga Sreenivasu Rongala, Srinivasa Rao Rayapudi, **VENU GOPALA RAO MANNAM**, “Robustification of fault detection algorithm in a three-phase induction motor using MCSA for various single and multiple faults” IET Electric Power Applications, Volume15, Issue5, PP: 593-615, May 2021, DOI: 10.1049/elp2.12049, ISSN:1751-8679, Impact factor:2.834 (**SCIE Indexed& Scopus Indexed**)
13. Kompella K. C. Deekshit, **MANNAM V. GOPALA RAO** & Rayapudi S. Rao, “Fault Indexing Parameter Based Fault Detection in Induction Motor via MCSA with Wiener Filtering”, Electric Power Components and Systems, Volume 48, May 2021, Issue 19-20,

PP: 2048-2062, ISSN: 1532-5008, DOI: 10.1080/15325008.2021.1910376 (**SCIE& Scopus Indexed**).

- 14.K.LENIN**, “Real Power Loss Reduction by Enhanced Trailblazer Optimization Algorithm”, Herald of the Bauman Moscow State Technical University, Series Natural Sciences, June 2021, No. 3 (96), DOI: 10.18698/1812-3368-2021-3-77-93, pp. 77-93, ISSN: 1812-3368. (**Scopus Indexed**)

#### **International Conferences:**

1. Venkata Suresh Babu, **MELIMI RAVI KUMAR**, Venkatesh Boddapati, “Design and control of a DC microgrid by using a modern predictive controller”, Materials Today: Proceedings, Volume 45, Part 2, 2021, Pages 2207-2215, Available online 4 December 2020, ISSN: 2214-7853, DOI: 10.1016/j.matpr.2020.10.115. (**Scopus Indexed**).
2. **RAGALEELA DALAPATI RAO, PADMANABHA RAJU CHINDA**, “Hourly Management of Energy In A Miniature Grid With Distributed Resources of Energy”, Proceedings of the 5th International Conference on Renewable Energy Utilization (ICREU-2020), December 16-18, 2020, PP: 69- 74, ISBN: 978-81-930396-9-4, Organized by Department of Electrical and Electronics Engineering Coimbatore Institute of Technology, Coimbatore, Tamilnadu, India Jointly with Oklahoma State University, USA
3. **M.DEVIKA RANI**, Dr. P.S.Prakash, “Microgrid Power Quality Improvement Techniques-A Review”, International Conference on “Recent Trends in Energy System Engineering (RTESE 2021)”, PP: 20-26, Organized by Electrical Engineering, Annamalai University during 9<sup>th</sup> -10<sup>th</sup> January 2021.
4. **N.VIJAYA ANAND**, G.Chandra Mouli, “Forecast of Covid Cases Using Deep Learning Algorithm”, International conference on Artificial Intelligence: Advances and Applications (ICAIAA 2021), March 27-28, 2021, organized by Poornima college of Engineering, Jaipur

and Rajasthan Technical University Kota in association with Soft Computing Research society.

**UGC/other journals:**

1. **KANAGASABAI LENIN**, “Hybridization of Genetic Particle Swarm Optimization Algorithm with Symbiotic Organisms Search Algorithm for Solving Optimal Reactive Power Dispatch Problem”, Journal of Applied Science, Engineering, Technology, and Education, Vol. 3, No. 1, January 2021, PP: 12–21, ISSN: 2685-0591 <https://doi.org/10.35877/454RI.asci31106>
2. **M. DEVIKA RANI, V.SAI GEETHA LAKSHMI**, “Implementation of PV fed ZVS high voltage gain interleaved converter”, International Journal for Research in Engineering Application & Management (IJREAM) ISSN: 2454-9150, Vol-06, Issue-10, JAN 2021, PP: 65-69, DOI: 10.35291/2454-9150.2021.0011.
3. **V. SAI GEETHA LAKSHMI, M. DEVIKA RANI**, “Sign to Speech Conversion for Dump People”, International Journal for Research in Engineering Application & Management (IJREAM) ISSN: 2454-9150 Vol-06, Issue-11, PP: 33-36, FEB. 2021
4. **KANAGASABAI LENIN**, “Amplified and quantum based brain storm optimization algorithms for real power loss reduction”, International Journal of Applied Power Engineering (IJAPE) Vol. 10, No. 1, March 2021, pp. 21~25, ISSN: 2252-8792, DOI: 10.11591/ijape.v10.i1.
5. **KANAGASABAI LENIN**, “Solving optimal reactive power problem by hurricane search optimization algorithm”, International Journal of Applied Power Engineering (IJAPE) Vol. 10, No. 1, March 2021, pp. 26~29 ISSN: 2252-8792, DOI: 10.11591/ijape.v10.i1.

6. **T.NARASIMHA PRASAD**, A. Lakshmi Devi, “Droop Control of Interlinking Converter for Load Sharing Among AC and DC Microgrids in Autonomous Operation” Journal of Computational and Theoretical Nanoscience, Volume 18, Number 3, March 2021, pp. 811-821, ISSN: 1546-1955.
7. **KANAGASABAI LENIN**, “Real Power Loss Reduction by Hybridization of Tree-Seed Algorithm with Sine-Cosine Algorithm”, Journal of Electrical Power & Energy Systems, Vol. 5(1), March 2021, pp 8-23, ISSN: 2576-053X.
8. **Dr. KANAGASABAI LENIN**, “Enriched Lamprey Optimization Algorithm for Power Loss Diminution”, International Journal of Mechatronics, Electrical and Computer Technology (IJMEC), ISSN: 2305-0543, Vol. 11, Issue 40, Apr. 2021, PP. 4925-4930.
9. **VIJAYA ANAND N** , **HEMA LATHA J** ,G Devadasu, **KUMAR C**, “Generation of Optimal Switching Angle for Nine Level Cascaded H Bridge MLI Using Most Valuable Player Algorithm”, Turkish Journal of Computer and Mathematics Education, Vol.12 No.6, April 2021, PP:1919-1927, ISSN 1309-4653.
10. T.Baldwin Immanuel, P.Rathnavel, **B. LALITHA**, “Electric Propulsion by Combination of Photovoltaic System with Induction Motor Drive” Journal of Next of Generation Technology, Volume 1, Issue 1, June 2021, PP: 1-7.
11. **B. BALA SAIBABU**, **M. HEMANTH SAI** and **B. BADDU NAIK**, "A Novel Method to Detect Faults in Transmission Lines", International Journal of Research in Engineering and Science (IJRES) ISSN: 2320-9364, Volume 9, Issue 6, June 2021, PP. 66-73.
12. **LENIN KANAGABASAI**, “Factual power loss reduction by dynamic membrane evolutionary algorithm”, International Journal of Advances in Applied Sciences (IJAAS), Vol. 10, No. 2, June 2021, pp. 99~106, ISSN: 2252-8814, DOI: 10.11591/ijaas.v10.i2.

13. **LENIN KANAGABASAI**, “Real power loss diminution by rain drop optimization algorithm”, International Journal of Advances in Applied Sciences (IJAAS), Vol. 10, No. 2, June 2021, pp. 149~155, ISSN: 2252-8814, DOI: 10.11591/ijaas.v10.i2.
14. **KANAGASABAI LENIN**, “Factual power loss reduction by enriched black hole algorithm”, International Journal of Applied Power Engineering (IJAPE), Vol. 10, No. 2, June 2021, pp. 97~101, ISSN: 2252-8792, DOI: 10.11591/ijape.v10.i2.
15. **KANAGASABAI LENIN**, “Factual power loss lessening by synthetic supportive exploration algorithm”, International Journal of Applied Power Engineering (IJAPE), Vol. 10, No. 2, June 2021, pp. 102~107, ISSN: 2252-8792, DOI: 10.11591/ijape.v10.i2.

**Book chapters:**

1. **M.RAVIKUMAR**, S.Satyanarayana, V.Ganesh, “Performance improvement of Solar PV Maximum Power Point Tracking using Sliding Mode Control Algorithm” Microelectronics, Electromagnetics and Telecommunications, Lecture notes in Electrical Engineering book series, Volume 655, PP: 403-410, 2021, P-ISBN: 978-981-15-3827-8, DOI: [https://doi.org/10.1007/978-981-15-3828-5\\_42](https://doi.org/10.1007/978-981-15-3828-5_42), Springer, Singapore (**Scopus Indexed**).
2. **KANAGASABAI LENIN** “Active Power Loss Diminution by Chaotic based Adaptive Butterfly Mating Optimization algorithm” Advances in Communication and Computational Technology. Lecture Notes in Electrical Engineering, PP: 163-169, 2021, Vol 668, P-ISBN: 978-981-15-5340-0, Springer, Singapore. DOI: [https://doi.org/10.1007/978-981-15-5341-7\\_12](https://doi.org/10.1007/978-981-15-5341-7_12). (**Scopus Indexed**).
3. **KANAGASABAI LENIN** “Levy Flight based white wolf algorithm for solving optimal reactive power problem” Advances in Communication and Computational Technology. Lecture Notes in Electrical Engineering, PP: 647-654, 2021, Vol. 668, P-ISBN: 978-981-15-

5340-0, Springer, Singapore. DOI: [https://doi.org/10.1007/978-981-15-5341-7\\_49](https://doi.org/10.1007/978-981-15-5341-7_49) (**Scopus Indexed**).

4. **M.DEVIKA RANI AND V.SAI GEETHA LAKSHMI**, “Simulation of Reference Frame Based Dstatcom for Power Quality Improvement”, Recent Challenges In Science, Engineering And Technology, Krishna Publishers, First Edition-2021, pp 68-76, ISBN 978-81-947388-5-5.
5. **M.V.RAMESH**, G.Vijay Kumar, “Solar Powered Autonomous Vehicle for Seed Sowing”, New approaches in Engineering Research, Vol.4, Issue 22, PP: 1-12, June 2021, ISBN: 978-93-91312-90-9, DOI: 10.9734/bpi/near/v4/9229D.

### **PATENTS :**

1. Dr. Ch. Santhan Kumar, Dr. B. Praveen Kumar, Mr **B BALA SAI BABU**, Mr S Mallikarjun, Mr T Santhosh Kumar, Ms G Swetha, Mr V Karthik published a patent titled “**SOLAR POWERED AND IOT ENABLED RECONNAISSANCE WARFARE ROBOT**” with the application number: 202141006112 A, Journal Number: 08/2021 dated : 19/02/2021, at intellectual Property Rights, Government of India.
2. Smt. **M. DEVIKA RANI** published a patent titled “**An AI based system for Glucose monitoring and determining compliance**” with the application number: 202141020401 A, Journal Number: 24/2021, dated : 11/06/2021, at intellectual Property Rights, Government of India.
3. Sri. **M. SESHU** published a patent titled “**An AI abetted green energy generating systems**” with the application number: 202141012214 A, Journal Number: 14/2021, dated : 02/04/2021, at intellectual Property Rights, Government of India.

## Granted:

1. Singampalli Satyanarayana, Mopidevi SubbaRao, Manepalli.V. Sudarsan, Lagudu Jayavani, Desireddy Chinnakullay Reddy, Gurram Ranga Purushotham, Garikamukkala V K Murthy, **MELIMI RAVI KUMAR**, Guruvulu Naidu, SudheerVinnakoti granted a patent titled “Optimal Design Of Modular Dc-Dc Converter Combined With Series Resonance Converters For Energy Integration” dated: 29<sup>th</sup> Nov 2020, granted date: 17<sup>th</sup> March-2021.  
IP Australia, Australian Government

**PROGRAMMES ORGANIZED:** NIL

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

### FDP's:

1. **Mr. B. BADDU NAIK**, **Mr. M. SESHU** and **Mr. T. SRINIVASA RAO** attended a One Week Online Faculty Development Programme on “Advancements in IoT, Cyber Security and Drone Technology” • organized by Department of Electronics Engineering & Department of Computer Science and Engineering, Lokmanya Tilak College of Engineering, Navi Mumbai, from 7<sup>th</sup> to 12<sup>th</sup> June 2021.
2. **Mr. M. SESHU** attended a Faculty Development Programme on “Sustainable Technologies for Electric Transportation Systems” organized by Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad, Telengana from 14<sup>th</sup> to 26<sup>th</sup> June 2021.
3. **Mr. M. SESHU** attended a Faculty Development Programme on “Challenges in Energy management for Smart Cities” organized by EEE Department, AVIT Chennai, from 7<sup>th</sup> to 11<sup>th</sup> June 2021.

4. **Mr. P. KARUNAKAR** attended a Faculty Development Programme on “**Challenges & Advances in Communication Systems for 5G**” organized by ECE Dept, LBRCE , Mylavaram, from 14<sup>th</sup> to 18<sup>th</sup> June 2021.
5. **Mr. P. KARUNAKAR** attended a Faculty Development Programme on “**Inculcating Universal Human Values in Technical Education**” organized by AICTE (Online Mode) from 14<sup>th</sup> to 18<sup>th</sup> June 2021.
6. **Mr. Y. VISHNU MURTHULU** attended a Faculty Development Programme on “**Inculcating Universal Human Values in Technical Education**” organized by AICTE\_New Delhi, from 14<sup>th</sup> to 18<sup>th</sup> June 2021.
7. **Mr. T. NARASIMHA PRASAD** attended a Faculty Development Programme on “**Master class on power electronics using MATLAB**” organized by Pantech Prolabs India Pvt Ltd , from 12<sup>th</sup> to 16<sup>th</sup> April 2021.
8. **Dr. K. LENIN** participated in FDP on “**Antenna Design and Analysis**” organized by St. Xaviers Technical Institute, Mumbai, Maharashtra, from 1<sup>st</sup> to 6<sup>th</sup> March 2021.\
9. **Dr. K. LENIN** attended in Faculty Development Programme on “**Industrial Engineering Techniques**” conducted by Maulanaazad National Institute Of Technology, Bhopal from 15<sup>th</sup> to 19<sup>th</sup> March, 2021.
10. **Dr. A. ANBARASAN** participated in one week FDP on “**International Faculty Development Programme on Demystifying Optimization Techniques**” • organized by Department of Mathematics, Bannari Amman Institute of Technology, Sathyamangalam, Tamil Nadu, from 22<sup>nd</sup> to 27<sup>th</sup> March 2021.
11. **Mrs. R. SWATHI** participated in FDP on “**Identifying Fake, Cloned and Predatory Journals**” organized by Dr. D. Y. Patil Institute of Management & Research, Pimpri, Pune, on 27<sup>th</sup> March 2021.

12. **Mrs. J. HEMA LATHA** participated in FDP on “**Teaching and Learning of Power Converters and Control Techniques for Renewable Energy Systems**” organized by NIT, Warangal, from 8<sup>th</sup> to 13<sup>th</sup> March 2021.
13. **Dr. N. VIJAYA ANAND & Mr. M. HEMANTH SAI** are participated in FDP on “**Inculcating Universal Human Values in Technical Education organized**” by AICTE, from 22<sup>nd</sup> to 26<sup>th</sup> March 2021.
14. **Dr. A. ANBARASAN** participated in ATAL - Online FDP on “**Smart Cities**” • organized by Department of Energy and Power Electronics, School of Electrical Engineering, Vellore Institute of Technology, Vellore, from 1<sup>st</sup> to 5<sup>th</sup> February 2021.
15. **Mr. M. SESHU** participated in online FDP on “**Electric Vehicle Technology; Challenges, Analysis and Development**” organized by EEE Department, Presidency University, Bengaluru, from 26<sup>th</sup> to 28<sup>th</sup> February 2021
16. **Dr.A. ANBARASAN** attended AICTE Training And Learning (ATAL) Academy Online FDP on “**Energy Engineering**” organized by National Institute of Technology, Tiruchirappalli from 28<sup>th</sup> December 2020 to 1<sup>st</sup> January 2021.
17. **Dr.K. LENIN** attended 6-day ISTE approved Online Faculty Development Program (FDP) on “**Cyber Security and Ethical Hacking**” organized by the Department of Computer Engineering, Xavier Institute of Engineering, Mahim, Mumbai, from 4<sup>th</sup> to 9<sup>th</sup> January 2021.
18. **Mr. M. SESHU** attended FDP on “**Control Systems and amp Sensors Technology**” organized by Manipal Institute of Technology from 19<sup>th</sup> to 23<sup>rd</sup> January 2021.
19. **Mrs. J. HEMALATHA** attended FDP on “**Power Electronics for Electric Vehicle: Topologies, Integration and Challenges**” organized by NIT,CALICUT from 25<sup>th</sup> to 29<sup>th</sup> January 2021.

### **Training Program**

1. **Mr. T. NARASIMHA PRASAD** participated in Training Program on “EV design using **MATLAB**” (30 day Internship) conducted by Pantech Prolabs India Pvt Ltd from 3<sup>rd</sup> May to 2<sup>nd</sup> June 2021.
2. **Dr. Ch. PADMANABHA RAJU** participated in Training Program on “Naya Bharat e-series” conducted by Ministry of Eduation from 29<sup>th</sup> November 2020 to 9<sup>th</sup> May 2021.
3. **Dr. K. LENIN** participated in Training Program on “National Level Hands-on Training on Virtual Lab” conducted by Department of Electrical and Electronics Engineering, in Association with SRM TRPEC IEEE Student Branch and Tesla Club at SRM TRP Engineering college, Trichy from 26th to 27th April 2021.
4. **Mrs. M. DEVIKA RANI** participated in Training Program on “Master Class on Electric Vehicle Deign Using **MATLAB**” conducted by Pantech prolabs India pvt Ltd. from 29<sup>th</sup> March to 2<sup>nd</sup> April 2021.
5. **Mrs. V. SAI GEETHA LAKSHMI** participated in Training Program on “**MATLAB & LabVIEW Programming**” conducted by NITTR, Chennai from 22nd February to 5<sup>th</sup> March, 2021.
6. **Mrs. M. DEVIKA RANI** participated in Training Program on “**AI MASTER CLASS USING PYTHON**” organized by Pantech prolabs India Pvt Ltd, from 16<sup>th</sup> Feb,2021 to 17<sup>th</sup> March,2021
7. **Mrs. M. DEVIKA RANI** participated in Training Program on “**MATLAB & LabVIEW Programming**” organized by National Institute Of Technical Teachers Training Institute, Chennai, from 22<sup>nd</sup> Feb ,2021 to 05<sup>th</sup> March ,2021
8. **Mrs. R. SWATHI & Mr. T. SRINIVASA RAO** participated in online Training Program on “**AI Master Class using MATLAB**” organized by Pantech Solutionsfrom 18<sup>th</sup> January to 1<sup>st</sup> February 2021.

9. Dr. M. V. RAMESH, Dr. P. MUTHUKUMAR, Mrs. B. LALITHA, Mrs. K. BHAVANA, Mr. M. SESHU, Mr. T. SRINIVASA RAO attended Three day training program on "NI myRio FPGA" Organised by Department of ECE ,PVPSIT from 18<sup>th</sup> to 20<sup>th</sup> January 2021

### STC's

1. Mr. M. SESHU participated in Short Term Training Program on on "Smart Microgrid & Its Future Trends" conducted by Department of Electrical & Electronics Engineering, Lendi Institute of Engineering & Technology from 14<sup>th</sup> to 19<sup>th</sup> June 2021.
2. Mr. B. BADDU NAIK and Mr. M. HEMANTH SAI participated in AICTE Sponsored Short Term Training Program on "Simulation Tools for Electrical Engineering and it's Real Time Applications" conducted by Department of Electrical and Electronics Engineering, Kallam Haranadhareddy Institute of Technology, Guntur-Andhra Pradesh from 17<sup>th</sup> May 2021 to 22<sup>nd</sup> May 2021.
3. Mr. M. SESHU participated in Short Term Training Program on "Outcome Base Pedagogical Initiative For Effective Teaching And Learning" conducted by Matrusri Engineering College, Hyderabad from 17<sup>th</sup> May 2021 to 22<sup>nd</sup> May 2021.
4. Mr. M. SESHU and Mr. B. MOHAN participated in Short Term Training Program on "Effective Engineering Teaching Practices" conducted by Department of Civil Engineering, Prasad V. Potluri Siddhartha Institute of Technology, Vijayawada & National Institute of Technical Teachers Training and Research, Chennai from 19<sup>th</sup> April 2021 to 24<sup>th</sup> April 2021.
5. Dr. N. VIJAYA ANAND participated in Short Term Training Program on "Software Tools For Power Converter Design" conducted by EEE, National Institute of Tehnolohy, Trichirapalli from 26<sup>th</sup> April 2021 to 30<sup>th</sup> April 2021.
6. Mr. B. BADDU NAIK, Mr. M. HEMANTH SAI & Mr. B. BALA SAI BABU are participated in One Week STTP on "Applications of Soft Computing in Electrical

**Engineering**” organized by Department of Electrical and Electronics Engineering, Bapatla Engineering College, Bapatla, from 15<sup>th</sup> to 20<sup>th</sup> March 2021.

7. **Dr. K. LENIN** participated in STTP on “**Management 4.0**” organized by Institute of Business Management & Research (IBMR), IPS Academy, Indore, from 22<sup>nd</sup> to 27<sup>th</sup> March 2021
8. **Dr. K. LENIN** participated in STC on “**HPC applications in CAE for Multi-Disciplinary Design optimization**” organized by IIT, Kharagpur, from 8<sup>th</sup> to 12<sup>th</sup> February 2021.
9. **Dr. K. LENIN** participated in STTP on “**Science and Technology of Advanced Material**” organized by NIT, Arunachal Pradesh. from 22<sup>nd</sup> to 26<sup>th</sup> February 2021.
10. **Mr. B. BADDU NAIK & Mrs. M. DEVIKA RANI** participated in online AICTE Sponsored STTP on “**Electric Vehicle Evolution - Impact on Power Grid**” • organized by Department of Electrical and Electronics Engineering, Sri Venkateswara College of Engineering, Pennalur, Sriperumbudur, Tamil Nadu. from 8<sup>th</sup> to 13<sup>th</sup> February 2021.
11. **Mrs. V. SAI GEETHA LAKSHMI & Mrs. M. DEVIKA RANI** participated in online AICTE Sponsored QIP STC on “**Challenges, Opportunities and Emerging Trend in the Field of High Voltage and Electrical Insulation**” organized by Department of Electrical Engineering and School of Materials Science and Technology, Indian Institute of Technology, Varanasi, from 1<sup>st</sup> to 6<sup>th</sup> February 2021.
12. **Mrs. M. DEVIKA RANI** participated in online AICTE Sponsored STTP on “**An Overview of Smart Grid Infrastructure for Demand Side management**” organized by EEE Department, New Horizon College of Engineering, from 1<sup>st</sup> to 6<sup>th</sup> February 2021.
13. **Mrs. V.S.G. LAKSHMI and Mrs. M. DEVIKA RANI** attended Online Short term course on “**Transition towards Electric Vehicles and their Charging Ecosystem in India- (TEVCEI-2021)**” organized by Department of Electrical Engineering & Department of Civil

Engineering Indian Institute of Technology(BHU)Varanasi Uttar Pradesh, India from 11<sup>th</sup> to 16<sup>th</sup> January 2021.

14. **Mrs. M. DEVIKA RANI** attended Six days Online STTP program sponsored by AICTE on “**The Role of Smart Grids on Loss Reduction and Rural Electrification**” organized by Department of EEE, NHCE, Bangalore from 4<sup>th</sup> to 9<sup>th</sup> January 2021.
15. **Dr. C. KUMAR, Mrs. D. RAGALEELA, Mr. M. SESHU, Mrs. G. MADHAVI and Mrs.V. HARIKA** attended One Week National Level Online Short Term Training Program (STTP) On STTP on “**Recent Trends & Challenges in Power Market with Smart Grid Technology**” Organized by Dept. of EEE, VRSEC from 28<sup>th</sup> December 2020 to 2<sup>nd</sup> January 2021.

#### **Seminars /Webinars:**

1. **Mrs. R. SWATHI** participated in Webinar on “**A One Day International Webinar on Recent Advances in Statistics**” conducted by Dept. Of Mathematics, Gitam Institute of Science Gitam Deemed to be University, Vizag on 29<sup>th</sup> June 2021.
2. **Dr. M.V. RAMESH, Dr. C. KUMAR, Mrs. B. LALITHA, Mrs. V. SAI GEETHA LAKSHMI, Mr. M. SESHU, Mr. B. MOHAN and Mr. T. SRINIVASA RAO** participated in National level Seminar on “**One Day Seminar on Industry Electrical Safety and Arc Flash**” conducted by Department of Electrical and Electronics Engineering, Velagapudi Ramakrishna Siddhartha Engineering, Vijayawada on 2<sup>nd</sup> May 2021.
3. **Dr. C. KUMAR, Mrs. J. HEMA LATHA, Mrs. D. RAGA LEELA, Mrs. B. LALITHA, Mrs. V. SAI GEETHA LAKSHMI, Mr. M. RAVI KUMAR, Mr. M. SESHU, Mr. B. MOHAN and Mrs. R. SWATHI** participated in National level Seminar on “**One Day Seminar on Orientation on Fire Services and Electrical Safety**” conducted by Department of Electrical & Electronics Engineering, Velagapudi Ramakrishna Siddhartha Engineering College, Vijayawada, Andhra Pradesh, India on 9<sup>th</sup> May 2021.

4. **Mr. M. SESHU** participated in Webinar on “**National Education Policy**” conducted by Thamirabharani Engineering College, Tirunelveli on 20th April 2021.
5. **Mrs. M. DEVIKA RANI** participated in Webinar on “**Charging Infrastructure for Electric vehicles- Challenges & Research Perspectives**” conducted by IEEE PESDAY-2021 on 23rd April 2021.
6. **Mr. M. SESHU** participated in Webinar on “**Green Energy Development: Supporting Technologies and Environmental Aspects**” conducted by REVA University IEEE PES Student Branch Chapter in association with IEEE PES Bangalore from 19<sup>th</sup> April 2021 to 23<sup>rd</sup> April 2021.
7. **Mrs. D. RAGA LEELA, Mrs. R. SWATHI, Mrs. G. MADHAVI, Mrs. V. HARIKA & Mr. M. SESHU** participated in Webinar on “**Empowering Women through Entrepreneurship**” organized by PVPSIT, Vijayawada, on 10<sup>th</sup> March 2021.
8. **Mr. T. NARASIMHA PRASAD, Mr. B. MOHAN, Mrs. D. RAGA LEELA, Dr. A. ANBARASAN, Dr. M.V. RAMESH, Mr. Y. VISHNU MURTHULU, Mr. B. BADDU NAIK, Mrs. B. LALITHA , Mr. P. KARUNAKAR, Mrs. J. HEMA LATHA, Dr. C. KUMAR, Mrs. R. SWATHI, Mrs. K. BHAVANA, Mr. M. SESHU, Mr. M. HEMANTH SAI, Mr. B.BALA SAI BABU & Mr. T. SRINIVASA RAO** participated in online webinar on “**Innovation in Education Technology and Value Creation in Pedagogy**” Organized by Internal Quality Assurance Cell, Prasad V. Potluri Siddhartha Institute of Technology, Vijayawada on 16<sup>th</sup> February 2021.
9. **Dr. A. ANBARASAN, Dr. M.V. RAMESH, Mr. B. BADDU NAIK, Mrs. B. LALITHA, Dr. C. KUMAR, Mrs. R. SWATHI, Mrs. V. SAI GEETHA LAKSHMI, Mrs. M. DEVIKA RANI, Mrs. K. BHAVANA, Mr. M. SESHU, Mr. M. HEMANTH SAI, Mr. B.BALA SAI BABU & Mr. T. SRINIVASA RAO** participated in online WEBINAR on “**Writing**”

[Effective Research Proposals](#)” Organized by Internal Quality Assurance Cell, Prasad V. Potluri Siddhartha Institute of Technology, Vijayawada, on 9<sup>th</sup> February 2021.

10. **Mrs. B. LALITHA** participated in online webinar on "[How to strengthen your research your via Scopus](#)" organized by School of social sciences and Languages (SSL), Vellore Institute of Technology Chennai, on 9<sup>th</sup> February 2021.

#### **Workshops:**

1. **Dr. K. LENIN** attended in Workshop on "[Control and Applications in Robotics](#)" conducted by conducted by Department of Electrical and Electronics Engineering, in Association with SRM TRPEC IEEE Student Branch & IIC at SRM TRP Engineering college, Trichy on 30<sup>th</sup> June 2021.
2. **Mr. M. SESHU** attended in Workshop on "[Incubating Seven Attributes of Teaching Learning process in Higher Education Institution: Post Covid-19](#)" conducted by Mount Zion college of Engineering & Technology, Pudukkottai from 3<sup>rd</sup> to 4<sup>th</sup> June 2021.
3. **Mrs. R. SWATHI** attended an online Workshop on "[Robotics Vision](#)" organized by Pantech E Learning from 7<sup>th</sup> May 2021 to 8<sup>th</sup> May 2021.
4. **Mrs. R. SWATHI** attended in Workshop on "[NAAC Assessment and Accreditation](#)" conducted by IQAC, Chadalawada Ramanamma Engineering college (Autonomous), Tirupati, Andhra Pradesh from 27<sup>th</sup> May 2021 to 29<sup>th</sup> May2021.
5. **Mr. M. RAVI KUMAR & Mr. B. MOHAN** are participated in Workshop on "[Saving UPS Battery Life](#)" organized by VRSEC, EEE, Vijayawada, on 22<sup>nd</sup> March 2021.
6. **Mrs. V. SAI GEETHA LAKSHMI & Mrs. M. DEVIKA RANI** participated in online TEQIP-III Sponsored Workshop on "[Simulation Software for Electrical Engineers \(SSEE - 2021\)](#)" organized by Department of Electrical Engineering, SKIT Jaipur, from 8<sup>th</sup> to 12<sup>th</sup> February 2021.

7. **Dr. K. LENIN** participated in online Workshop on “**Innovation Management**” organized by Department of Management and Humanities, NIT, Arunachal Pradesh, from 15<sup>th</sup> to 19<sup>th</sup> February 2021.
8. **Dr. K. LENIN** attended five-day e-workshop on “**Recent Trends in Operation and Planning of Distribution System and Microgrid**” Organized by Department of Electrical and Electronics Engineering National Institute of Technology Tiruchirappalli In Association with The Hong Kong Polytechnic University, from 4<sup>th</sup> to 8<sup>th</sup> January 2021.
9. **Dr. K. LENIN** attended Workshop on “**Mathematical Modelling & their Applications in Sciences and Engineering**” funded by GUJCOST, Department of Science & Technology, Govt. of Gujarat and organized by S. N. Patel Institute of Technology & Research Centre, Umrah, from 8<sup>th</sup> to 9<sup>th</sup> January 2021.
10. **Dr. K. LENIN** attended Five days workshop on “**Real world applications and challenges in IOT and Blockchain technology**” organized by Department of computer science from 18<sup>th</sup> to 22<sup>nd</sup> January 2021.
11. **Dr. N. VIJAYA ANAND** attended One week online work shop on “**Machine learning in vision and IOT**” organized by Online MNIT Allahabad from 22<sup>nd</sup> to 26<sup>th</sup> January 2021.
12. **Mrs. M. DEVIKA RANI** attended Five Days TEQIP-III Sponsored Online Workshop on “**MATLAB and It's Applications**” organized by Rajasthan Technical University, Kota, Sri Balaji College of Engineering and Technology from 4<sup>th</sup> to 8<sup>th</sup> January 2021.

#### **FACULTY ACHIEVEMENTS:**

1. **Ms. R.Swathi** was awarded Ph.D degree for her thesis title, “**A Satellite Image Registration Based on Hybrid Invariant Feature and Optimization Algorithm.**” On 29th April, 2021 from GITAM (Deemed To Be University), GIT, Visakhapatnam

2. **Ms. D.Ragaleela** awarded Ph.D degree for her thesis title, "Coordinated Control of Flexible AC Transmission System Device for Power System Loadability Enhancement Using Particle Movement Bee Colony Algorithm", on 15th May, 2021 from JNTU, Kakinada.
3. The following list of faculty enrolled and certified in **Coursera** / uLektz / NPTEL Online Course during January- June 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 1<sup>st</sup> July, 2021.
  - **M.DEVIKA RANI** completed a course titled, ' [Introduction to Cloud Identity](#) ' authorized by Google Cloud and offered through Coursera on 02<sup>nd</sup> July, 2021.
  - **Y.VISHNUMURTHULU** completed a course titled, ' [Programming for Everybody \(Getting Started with Python\)](#)' authorized by University of Michigan and offered through Coursera on 23<sup>rd</sup> June, 2021.
  - **B.BALA SAI BABU** completed a course titled, '[Wind Energy](#)' authorized by Technical University of Denmark (DTU) and offered through Coursera on 22<sup>nd</sup> April, 2021.
  - **B.MOHAN** completed a course titled, ' [Exploring Renewable Energy Schemes](#) ' authorized by University of Pennsylvania and offered through Coursera on 17<sup>th</sup> March, 2021.
  - **T.NARASIMHA PRASAD** completed a course titled, ' [Programming for Everybody \(Getting Started with Python\)](#)' authorized by University of Michigan and offered through Coursera on 27<sup>th</sup> Feb, 2021.
  - **B.BADDU NAIK** completed a course titled, ' [Energy: The Enterprise](#) ' authorized by University at Buffalo, The State University of New York and offered through Coursera on 11<sup>th</sup> January, 2021.

- **B.BADDU NAIK** completed a course titled, ' [Safety in the Utility Industry](#) ' authorized by University at Buffalo, The State University of New York and offered through Coursera on 11<sup>th</sup> January,2021.
- **M.RAVI KUMAR** completed a course titled, ' [Programming for Everybody \(Getting Started with Python\)](#)' authorized by University of Michigan and offered through Coursera on 11<sup>th</sup> January,2021.
- **P.KARUNAKAR** completed a course titled, ' [Programming for Everybody \(Getting Started with Python\)](#)' authorized by University of Michigan and offered through Coursera on 04<sup>th</sup> March ,2021.

**FACULTY INTERACTION WITH OUTSIDE WORLD: NIL**

**STUDENT PARTICIPATION:**

**a) Curricular activities:**

1. **J. NAVYA SRI** of IV B. Tech student Achieved A Certificate In Transforming Energy Systems: Why Governance Matters On 2<sup>nd</sup> Jan 2021 By University Of Exeter.
2. **M. JOBABU** of III B. Tech student Successfully Completed 2 Hours Master Class P2B#151 Google Colab Machine Learning App By Perfect Plan B Private Limited On 25<sup>th</sup> Jan 2021.
3. **M JOBABU** of III B.Tech EEE Participated In Social Innovation Challenge On 29<sup>th</sup> June 2021 By Centre For Society & Policy At Iisc, India & India-Japan Laboratory At Keio University, Japan.
4. **SIKHA ANIL KUMAR** of IV B.Tech student Participated In Online Training On “[Internship & Job Preparation](#)” From 27<sup>th</sup> Jan 2021 To 21<sup>st</sup> Feb 2021 By Internshala.
5. **SANAGAVARAPU BHAVANA** of III B.Tech student Participated In “[MICROSOFT AI Classroom Series](#)” By Online - Microsoft 10<sup>th</sup> March 2021.

6. **GOPIDESI ROHINI** of of III B. Tech student Attended Mock Interview Webinar On 17<sup>th</sup> April 2021 Conducted By The Entrepreneurship Network.
7. **B. DURGA BHAVANI** of III B. Tech student Participated In The Guinness World Record Event – Most Users To Take An Online Computer Programming Lesson In 24- Hrs Conducted By GUVI From 24<sup>th</sup> April To 25<sup>th</sup> April 2021.
8. **CH. VIDHYA SAGAR** Of III B.Tech students Participated In Master Class On “**Electrical Machine Design Using MATLAB**” At Pantech Prolabs India Pvt Ltd From 3<sup>rd</sup> May To 7<sup>th</sup> May 2021.
9. 23 Students Of II,III,IV B.Tech students Participated In The Event ‘**Tech Jam**’ On 29<sup>th</sup> May, 2021 Organized By SESI Student Chapter, PVP Siddhartha Institute Of Technology, Kanuru, Vijayawada.
10. **Y. YASASRI** Of III B.Tech student Participated In The Workshop On “**Arduino**” On 30<sup>th</sup> May 2021 Organized By ISTE Student Chapter, Kakatiya Institute Of Technology & Science In Association With E-Flip Magazine
11. **J. SAITEJA** Of III B.Tech student Participated In The Webinar On “**Electrical Vehicle Technology**” On 5<sup>th</sup> June 2021 Hosted By Department Of EEE, Annamacharya Institute Of Technology & Sciences, Rajampet In Association With Pantech E-Learning, Chennai.
12. **J. SAITEJA** Of III B.Tech student Participated In The Webinar On “**Cyber Security**” On 7<sup>th</sup> June 2021 Hosted By Department Of ECE, Guru Nanak Dev Engg. College, Bidar In Association With Pantech E-Learning, Chennai.
13. **J. SAITEJA** Of III B.Tech student Participated In The Webinar On “**Augmented Reality & Virtual Reality**” On 8<sup>th</sup> June 2021 Hosted By Department Of ME, Nitte Meenakshi Inst. Of Tech. In Association With Pantech E-Learning, Chennai.

14. **J. SAITEJA** Of III B.Tech student Participated In The Webinar On “**R Programming**” On 8<sup>th</sup> June 2021 Hosted By Department Of IT, Cabdul Hakeem College Of Engg. & Tech In Association With Pantech E-Learning, Chennai.
15. **J. SAITEJA** Of III B.Tech student Participated In The Webinar On “**MYSQL With Python**” On 9<sup>th</sup> June 2021 Hosted By Department Of CS, P.B. Siddhartha College Of Arts & Science In Association With Pantech E-Learning, Chennai.
16. **J. SAITEJA** Of III B.Tech student Participated In The Webinar On “**The Evolution Of Mobile Wireless Network – Towards 5G And Iot**” On 9<sup>th</sup> June 2021 Hosted By Department Of ECE, Sree Datta Group Of Institutions, Ibrahimpaatnam, Hyderabad In Association With Pantech E-Learning, Chennai.
17. **J. SAITEJA** of III B.Tech student Participated In The Webinar On “**Advanced Iot & Embedded System**” On 10<sup>th</sup> June 2021 Hosted By Department Of ECE, Institute Of Road & Transport Technology In Association With Pantech E-Learning, Chennai.
18. **J. SAITEJA** of III B.Tech student Participated In The Webinar On “**FPGA Systems**” On 10<sup>th</sup> June 2021 Hosted By Department Of ECE, Saveetha Engg. College In Association With Pantech E-Learning, Chennai.
19. **J. SAITEJA** of III B.Tech student Participated In The Webinar On “**IOT & Block Chain**” On 11<sup>th</sup> June 2021 Hosted By Department Of CSE, GVR & S College Of Engg. & Technology In Association With Pantech E-Learning, Chennai.
20. **J. SAITEJA** of III B.Tech student Participated In The Webinar On “**Hybrid Solar Panel Technology**” On 11<sup>th</sup> June 2021 Hosted By Department Of EEE, Bharat Institute Of Engg. & Technology In Association With Pantech E-Learning, Chennai.

21. **J. SAITEJA** of III B.Tech student Participated In The Webinar On “**AI Based Object Detection**” On 12<sup>th</sup> June 2021 Hosted By Department Of IT, Swami Vivekananda Institute Of Technology In Association With Pantech E-Learning, Chennai.
22. **J. SAITEJA** of III B.Tech student Participated In The Webinar On “**Solar Power Inverter**” On 12<sup>th</sup> June 2021 Hosted By Department Of IT, SJPN Trust’s Hirasugar Inst. Of Tech In Association With Pantech E-Learning, Chennai.
23. 20 Students of II & III B.Tech student Participated In The Event “**Poster Presentation**” On 12<sup>th</sup> June 2021 Conducted By SESI Student Chapter, PVPSIT.
24. **S. SRI CHAITRA CHARANI** Of II B. Tech student Organized The Event “**Poster Presentation**” On 12<sup>th</sup> June 2021 Conducted By SESI Student Chapter, PVPSIT.
25. **J. SAITEJA** of III B.Tech student Participated In The Webinar On “**Role Of ML In Data Science**” On 14<sup>th</sup> June 2021 Hosted By Department Of CSE, HKE Society’s SLN College Of Engg. In Association With Pantech E-Learning, Chennai.
26. **J. SAITEJA** of III B.Tech student Participated In The Webinar On “**5G Wireless Communication**” On 15<sup>th</sup> June 2021 Hosted By Department Of ECE, Kumaraguru College Of Technology In Association With Pantech E-Learning, Chennai.
27. **J. SAITEJA** of III B.Tech student Participated In The Webinar On “**Brain Wave Controlling Robotics**” On 15<sup>th</sup> June 2021 Hosted By Department Of ME, PET Engg. College In Association With Pantech E-Learning, Chennai.
28. **J. SAITEJA** of III B.Tech student Participated In The Webinar On “**Python Programming & Its Applications**” On 16<sup>th</sup> June 2021 Hosted By Department Of ECE, Balaji Institute Of Technology & Science In Association With Pantech E-Learning, Chennai.

29. **J. SAITEJA** of III B.Tech student Participated In The Webinar On “Types Of Motors Used In E Vehicle” On 16<sup>th</sup> June 2021 Hosted By Department Of EEE, KG Reddy College Of Engg. & Tech. In Association With Pantech E-Learning, Chennai.

30. **J. SAITEJA** of III B.Tech student Participated In The Webinar On “AI & Machine Learning” On 17<sup>th</sup> June 2021 Hosted By Department Of Computer Applications, St. Joseph’s College (Arts & Science) In Association With Pantech E-Learning, Chennai.

#### **Extra-curricular Activities:**

1. **E. NARENDRA VARMA** (18501A0225) & **J. SAI TEJA** (18501A0233) of III B.Tech students participated in “National Youth Day” conducted by PVPSIT NSS Unit on 12<sup>th</sup> January,2021.
2. **E. NARENDRA VARMA** (18501A0225) & **J. SAI TEJA** (18501A0233) of III B.Tech students participated in, “National Voters Day” conducted by PVPSIT NSS Unit on 25<sup>th</sup>,January,2021.
3. **E. NARENDRA VARMA** (18501A0225) & **J. SAI TEJA** (18501A0233) of III B.Tech students participated in, “Netaji’s Jayanthi” conducted by PVPSIT NSS Unit on 23<sup>rd</sup> January,2021.
4. **E. NARENDRA VARMA** (18501A0225), **J SAITEJA**(18501A0233), **KOUSHIK KUSAM**(19501A0251), **M JAYA SIMHAM**(19501A0255) of III and II B.Tech students participated in of III and II B.Tech students participated in “Elocution on the eve of Shaheed Diwas(NSS)” conducted by PVPSIT ,Kanuru on 25<sup>th</sup> March,2021.
5. **E. NARENDRA VARMA** (18501A0225), **J SAITEJA**(18501A0233), **KOUSHIK KUSAM**(19501A0251), **M JAYA SIMHAM**(19501A0255) of III and II B.Tech students participated in “Blood Gropuping Camp (NSS)” conducted by PVPSIT ,Kanuru on 27<sup>th</sup> March,2021.

6. **M.SIVA PRASAD**(19501A0264), **J.SURESH**(19501A0235) of II B.Tech students participated in **Sakshi Cricket Tournament** -2021 conducted by VRSEC,Play Ground,Vijayawada on 31<sup>st</sup> March,2021.
7. **E. NARENDRA VARMA** (18501A0225), **J SAITEJA**(18501A0233), **KOUSHIK KUSAM**(19501A0251), **M JAYA SIMHAM**(19501A0255) of III and II B.Tech students participated in Volunteered for “**Polio vaccine**” organized by AP Govt. (NSS) conducted by PVPSIT ,Kanuru on 31<sup>st</sup> March,2021.
8. **E. NARENDRA VARMA** (18501A0225), **J SAITEJA**(18501A0233), **KOUSHIK KUSAM**(19501A0251), **M JAYA SIMHAM**(19501A0255) of III and II B.Tech participated in Essay Writing Competition topic on “**Basic Structure of Indian Constitution**”conducted by PVPSIT ,Kanuru on 7<sup>th</sup> April,2021.
9. **E. NARENDRA VARMA** (18501A0225) & **J.SAITEJA** (18501A0233) of III B.Tech students participated in “**Elocution Topic :Religion first or Nation first**” conducted by PVPSIT ,Kanuru on 8<sup>th</sup> April,2021.
10. **E. NARENDRA VARMA** (18501A0225), **J SAITEJA**(18501A0233), **KOUSHIK KUSAM**(19501A0251), **M JAYA SIMHAM**(19501A0255) of III and II B.Tech students participated in “**Painting,Topic:Indian Culture**” conducted by PVPSIT ,Kanuru on 9<sup>th</sup> April,2021.
11. **E. NARENDRA VARMA** (18501A0225), **J.SAITEJA** (18501A0233), **G.KUMIDHINI LAYA** (18501A0227), S.Chandra kiriti (18501A0279) of III B.Tech students participated in “**Grocery Kit donation** “to the cleaning and security staff conducted by PVPSIT ,Kanuru on 22<sup>nd</sup> June,2021
12. **E. NARENDRA VARMA** (18501A0225),**J.SAITEJA**(18501A0233),**G.KUMIDHINI LAYA** (18501A0227), S.Chandra kiriti (18501A0279) of III B.Tech students participated

in “Virtual yoga session on the eve of Yoga international day” conducted by PVPSIT  
,Kanuru on 21<sup>st</sup> June,2021

## STUDENT ACHIEVEMENTS:

### Higher Education:

1. **YANALA PRIYANKA**(13501A02B8) of 2013 – 2017 batch joined **Master’s Degree in Computer Information Systems and Information Technology** in University of Central Missouri at Warrensburg.
2. **DEGALA ISAAC** (17501A0216) scored GATE rank 9761,Score: 381 March 2021
3. **GUNTURI NAGA VENKATA SAI CHANDRA MOULI** (17501A0242) scored GATE rank 10250,Score: 373 March 2021
4. **PACHIPALA LAKSHMI SAHITYA** (17501A0282) scored GATE rank 2688,Score: 359 March 2021

### Curricular and Co-Curricular :

1. **S.BHAVANA** of III B. Tech student participated in the event ‘**Poster Presentation**’ and won I Prizeheldon 12<sup>th</sup> June, 2021 organized by SESI student chapter, PVP Siddhartha Institute of Technology, Kanuru, Vijayawada.
2. **B. JAYASREE** of III B. Tech student participated in the event ‘**Poster Presentation**’ and won II Prizeheldon 12<sup>th</sup> June, 2021 organized by SESI student chapter, PVP Siddhartha Institute of Technology, Kanuru, Vijayawada.
3. **MEGHANAKUMARI .T** of II B. Tech student participated in the event ‘**Poster Presentation**’ and won II Prizeheldon 12<sup>th</sup> June, 2021 organized by SESI student chapter, PVP Siddhartha Institute of Technology, Kanuru, Vijayawada.

4. **M.SAIDDEEPTHI** of II B. Tech student participated in the event ‘Poster Presentation’ and won III Prizeheldon 12<sup>th</sup> June, 2021 organized by SESI student chapter, PVP Siddhartha Institute of Technology, Kanuru, Vijayawada.
5. **V.VAISHNAVI** of II B. Tech student participated in the event ‘Poster Presentation’ and won III Prizeheldon 12<sup>th</sup> June, 2021 organized by SESI student chapter, PVP Siddhartha Institute of Technology, Kanuru, Vijayawada.
6. **B.JAYASREE** of III B. Tech student participated in the event ‘Technical Just-A-Minute’ and won I Prizeheldon 29<sup>th</sup> May, 2021 organized by SESI student chapter, PVP Siddhartha Institute of Technology, Kanuru, Vijayawada.
7. **MOHAMMMAD SUMAIYA SULTANA** of II B. Tech student participated in the event ‘Technical Just-A-Minute’ and won I Prizeheldon 29<sup>th</sup> May, 2021 organized by SESI student chapter, PVP Siddhartha Institute of Technology, Kanuru, Vijayawada.
8. **P.PRAVEEN** of III B. Tech student participated in the event ‘Technical Just-A-Minute’ and won II Prizeheldon 29<sup>th</sup> May, 2021 organized by SESI student chapter, PVP Siddhartha Institute of Technology, Kanuru, Vijayawada.
9. **PULLURU AJAY** of II B. Tech student participated in the event ‘Technical Just-A-Minute’ and won II Prizeheldon 29<sup>th</sup> May, 2021 organized by SESI student chapter, PVP Siddhartha Institute of Technology, Kanuru, Vijayawada.
10. **MS.THUMU SOUJANYA** of IV B.Tech student participated in “NCC Drill test” conducted by PVPSIT NCC Unit secured a **3<sup>rd</sup> prize** on 26<sup>th</sup> January ,2021.

#### PLACEMENTS:

S.NO.	ROLL.NO.	STUDENT NAME	COMPANY
1	17501A0203	AKELLA RADHA DEVAYANI	<b>Sutherland Global Services</b>
2	17501A0211	APPIKATLA SINDHURA	
3	17501A0212	ATMURI NISSI	
4	17501A0221	CHINDA ALEKHYA	
5	17501A0229	DIVI MOHANA MANISRI SAI	
6	17501A0230	DIVYA YADAV	

7	17501A0247	JANNU NAVYASRI		
8	17501A0248	JASTI NITYA		
9	17501A0264	MAJETY INDRA SAI SREEPRAVALLIKA		
10	17501A0280	NIMMAGADDA HARSHA SRI		
11	17501A0287	PAMULAPATI SAMKEERTHI		
12	17501A0292	POTHABATHUNE ANUSHA		
13	17501A0298	REVADA LAKSHMI APARNA		
14	17501A0299	ROHIT MULAGALA		
15	17501A02A2	SAMIYA MAHMOOD		
16	17501A02B0	TUMMALA YASHWANTH CHOWDARY		
17	17501A02B6	DEMULA SRI RAMYA		
18	17501A02B8	VIJAYANTI RAM VENKAT		
19	18505A0202	BADISA HARITHA		
20	18505A0207	K RUSHIKESH		
21	18505A0208	KANDELLA KARTHEEK		
22	17501A0204	AKULA SAI VARSHITH		<b>Accenture</b>
23	17501A0217	BOLISETTY KAILAS		
24	17501A0237	GORRIBANDALA ROJA		
25	17501A0245	HEMA MANIKANTA BETHA		
26	17501A0248	JASTI NITYA		
27	17501A0259	KOVELAKAR GEETHANJALI		
28	17501A0262	KURAGANTI ANANDA SAGAR		
29	17501A02A7	TANGUTURI VENKATA JESWANTH		
30	17501A0204	AKULA SAI VARSHITH		
31	17501A0205	AMARLAPUDI EPHRAIM SUNNY	<b>Infosys</b>	
32	17501A0212	ATMURI NISSI		
33	17501A0214	BHIMAVARAPU PUJITHA		
34	17501A0232	DUBBA MOUNIKA DEVI		
35	17501A0272	MUNNAM PAVAN KUMAR		
36	17501A0293	POTHINA JAGAN MOHAN RAO		
37	17501A02A2	SAMIYA MAHMOOD		
38	18505A0222	T.TRIVENI		
39	17501A0276	NANDURI KASI MANIKANTA VARMA	<b>Wipro</b>	
40	17501A0202	ADDEPALLI LIKHITH KUMAR	<b>Surya Tech Solutions</b>	
41	17501A0209	ANNABATHUNI LAKSHMAN SAI		
42	17501A0210	ANNABATHUNI LAKSHMAN TEJA		
43	17501A0218	BORUGADDA SRI CHARAN		
44	17501A0219	CHAGANTIPATI SURENDRA BABU		
45	17501A0222	CHINDA GNANA KARTHIK SAI VARMA		
46	17501A0225	DASARI CRISHANTH		
47	17501A0226	DEGALA ISAAC		
48	17501A0233	G S S SANKARA RAO		
49	17501A0239	GOWRU LAKSHMIKANTH		
50	17501A0262	KURAGANTI ANANDA SAGAR		
51	17501A0265	MALLIKESWARAPU VENKATA SAI TEJA		
52	17501A0277	NANNAM ABHISHEK		
53	17501A0278	NAVULURI SAI CHANDU		
54	17501A0283	PADILAM NAGA RAJU		

55	17501A0284	PAKALA SATISH		
56	17501A0286	PAMULAPATI MAHESH BABU		
57	17501A0294	PYDALA NAGA VENKATA PRUDHVI		
58	17501A02B8	VUDDANTI RAM VENKAT		
59	18505A0203	CHADALAVADA VIDYA SAGAR		
60	18505A0205	EDARA VENKATA PRADEEP		
61	18505A0206	EDUPUGANTI SRIRAM		
62	18505A0212	KOLLIPARA SAI VIVEK		
63	18505A0213	LANKA JAYA KRISHNA		
64	18505A0214	MACHAGIRI MANOJ		
65	18505A0219	SHAIK MANSOOR		
66	18505A0223	VINNAKOTA RAJA NARASIMHA		
67	17505A0237	RAVALAVALASA DURGA CHARAN		
68	17501A0278	NAVULURI SAI CHANDU		<b>Prokarma softtech Pvt. Ltd.</b>
69	17501A0235	GORIPARTHI ANUSHA		<b>Capgemini</b>
70	17501A0262	KURAGANTI ANANDA SAGAR		
71	17501A0286	PAMULAPATI MAHESH BABU		
72	17501A0291	PILLA BHANU SRI		
73	17501A0291	PILLA BHANU SRI	<b>Schoolmojo</b>	

**INDUSTRIAL VISITS:** NIL

**Internship/Training Programs**

1. **Ms. GURRAM VYSHNAVI**(18501A0232), of III B.Tech II Semester completed One-month internship on “**Machine Learning**” organised by Intenshala Training during January 2021 to February 2021.
2. **Mr. SIKHA ANIL KUMAR** (17501A02A5) of IV B.Tech II Semester completed One-month internship on “**Online training on internship and job preparation**” organised by Intenshala Training during January 2021 to February 2021.
3. **Mr. M JO BABU** (18501A0251) of III B.Tech II Semester completed Five-months internship on “**Marketing Internship**” organised by IIT Madras during October 2020 - February 2021.
4. **Mr. M JO BABU** (18501A0251) of III B.Tech II Semester completed Six-months internship on “**Campus Ambassador**” organised by NIT Tirichy during October 2020 - March 2021.

5. **Ms. M MONIKA** (18501A0254), Ms. TANUSRI JEENA (18501A0281) of III B.Tech II Semester have completed One-month internship on “Maintenance of Electric Locomotive” at Electric Loco Shed Vijayawada during 1st February 2021 to 1st March 2021.
6. **B DHANA LAKSHMI** (18501A0207) of III B.Tech II Semester completed One-month internship on “FPGA” organised by APSSDC during 19th April 2021 to 18th May 2021.
7. **Mr. M JO BABU** (18501A0251) of III B.Tech II Semester completed One-month internship on “Data Quality Assessment” organised by KPMG during May 2021.
8. **Mr HEMAMANIKANTA B** (17501A0245) , **Mr M REVANTH** (17501A0266), **Ms J SWETHA** (17501A0249), **Ms NAGA ANURADHA G** (17501A0241), **Mr Y SATHWIK** (17501A02B9), **Ms A MRUDULA** (17501A0213), **Mr B KAILAS** (17501A0217), **Mr V SAI SURENDRANATH** (17501A02B4) of IV B.Tech II Semester have completed Three-months Paid Internship Paid Internship 12000/- per month from Cognizant during March to May 2021.
9. **Ms. B.RISHITAHA** (18501A0209) of III B.Tech II Semester completed One-month internship on “Technology Consulting Virtual Internship” organised by Deloitte during the period June 2021.
10. **Mr. M JO BABU** (18501A0251) of III B.Tech II Semester completed Three-months internship on “Campus Ambassador Internship” organised by IIT Ropar during the period April - June 2021.

#### **OTHERS:**

1. JNTUK inspection committee visited our department on 18<sup>th</sup> February 2021 for research centre extension
2. SESI – student Chapter conducted Technical Jam on 29<sup>th</sup> May 2021
3. Mr.B.Mohan registered Ph.D at PEC(PTU), Pudicherry in March 2021.