



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: 17

July-Dec-2020

Faculty Incharge :

Mrs. R.Swathi
Mr. B.Balasaibabu

Inside:

1. MOU's Executed

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Publications

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(seminars / guest

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Achievements

6. Faculty Interaction

Quotation

"All Birds find shelter during a rain. But Eagle avoids rain by flying above the Clouds Problems are common, but attitude makes the difference!!!"

APJAbdul Kalam

MOU's EXECUTED:

Department executed MOU's with the following firms during July-Dec 2020

- M/s G.S. Electricals, Vijayawada
- M/s Vijay Electricals, Vijayawada
- M/s Dr. NTPPS, Ibrahimpatnam
- Power Lab Instruments ,Chennai
- Johnette Technologies Pvt.Ltd.,Uttar Pradesh
- ZMS Technology - Germany

FACULTY PUBLICATIONS:

International Journals:

1. **RAGALEELA DALAPATI RAO**, Sivanagaraju Sirigiri, "A novel particle movement bee colony algorithm with Dynaflo controller for line loadability enhancement", Engineering Science and Technology, an International Journal, ISSN: 2215-0986, Volume 23, Issue 4, August 2020 PP: 840-850, <https://doi.org/10.1016/j.jestch.2019.11.007>, Impact Factor: 2.432 (SCIE& Scopus Indexed).

2. **K KANAGASABAI LENIN**, “ Solving optimal reactive power problem by enhanced fruit fly optimization algorithm and status of material algorithm ”, International Journal of Applied Power Engineering, Vol. 9, No. 2, August 2020, pp. 100~106, ISSN: 2252-8792
3. **KANAGASABAI LENIN**,, “Polar wolf optimization algorithm for solving optimal reactive power problem”, International Journal of Applied Power Engineering, Vol. 9, No. 2, August 2020, pp. 107~112 ISSN: 2252-8792
4. **KANAGASABAI LENIN**,, “True power loss reduction by augmented mine blast algorithm”, International Journal of Informatics and Communication Technology, Vol.9, No.2, August 2020, pp. 83~91 ISSN: 2252-8776
5. **KANAGASABAI LENIN**, “Real power loss diminution by predestination of particles wavering search algorithm ”, International Journal of Informatics and Communication Technology, Vol.9, No.2, August 2020, pp. 92~99, ISSN: 2252-8776
6. **KANAGASABAI LENIN**,, “Real power loss reduction by tundra wolf algorithm”, International Journal of Informatics and Communication Technology, Vol.9, No.2, August 2020, pp. 100~104, ISSN: 2252-8776
7. **B.MOHAN, M.V.RAMESH, MELIMI RAVI KUMAR, T.SRINIVASARAO, P. MUTHUKUMAR**, “Dual Axis Solar Tracking System with LDR”, International Journal of Emerging Trends in Engineering Research, Volume 8. No. 8, August 2020, PP: 4492 – 4495, ISSN 2347 – 3983, Impact Factor: 0.886, doi.org/10.30534/ijeter/2020/72882020. **(Scopus Indexed)**.
8. **K.LENIN**, “Active Power Loss Reduction by Vortex Search Algorithm”, Transactions on Engineering and Computer Science, Aug. 2020; 1(1):109.
9. **LENIN KANAGASABAI**, “Solving optimal reactive power problem by Shark Reek, Amplified Locust Search and White Rhinoceros Algorithms”, Australian Journal of Electrical and Electronics Engineering, 17:3, PP: 211-223, DOI: 10.1080/1448837X.2020.1817238, Sep 2020, ISSN 1448 – 837X. **(Scopus Indexed)**.
10. **K.LENIN**, “Two bio-inspired algorithms for solving optimal reactive power problem” International Journal of Advances in Applied Sciences, Vol. 9, No. 3, September 2020, pp. 180~185 ISSN: 2252-8814.

11. **K.LENIN**, “Real power loss reduction by hyena optimizer algorithm ” International Journal of Advances in Applied Sciences, Vol. 9, No. 3, September 2020, pp. 186~191, ISSN: 2252-8814.
12. **K.LENIN**, “Air cloud algorithm for diminution of active power loss” International Journal of Robotics and Automation, Vol.9, No.3, September 2020, pp. 190~195 ISSN: 2089-4856.
13. **K.LENIN**, “Real Power Loss Reduction by Amplified Water Cycle Algorithm”, Journal of Applied Science, Engineering, Technology, and Education, 2(1), 79-87, ISSN: 2685- 0591, 2020, <https://doi.org/10.35877/454RI.asci2166>.
14. **K.LENIN**, “Amplified Black Hole Algorithm for Real Power Loss Reduction”, International Journal of Research in Industrial Engineering, Vol. 9, No. 2 (2020) 130–142, ISSN; 1925-7813.
15. **K.LENIN**, “Real Power Loss Reduction by Acridoidea Stirred Artificial Bee Colony Algorithm”, International Journal of Research in Industrial Engineering, Vol. 9, No. 2 (2020) 183–189, ISSN; 1925-7813.
16. **B.BADDU NAIK, PADMANABHA RAJU CHINDA** and R.Srinivasa Rao, “Power Flow Control and Congestion Management in a Transmission Network using Advanced Interline Power Flow Controller”, International Journal of Advanced Science and Technology, Vol. 29, No.4, (2020), pp. 7718-7729, ISSN: 2005-4238.
17. **K.BHAVANA, B.LALITHA , T. SRINIVASA RAO , Dr. M.V.RAMESH**, “Goods Segregation Robot for Industry”, International Journal of Emerging Trends in Engineering Research, Vol. 8, No. 9, September 2020, pp. 5828~5821, ISSN: 2347 – 3983 (**Scopus Indexed**).
18. **SRINIVASARAO THUMATI, K.BHAVANA, B.LALITHA**, Sateesh Sukhavasi, **P.MUTHUKUMAR**, “Implementation of Automatic Speed Control System for E-Vehicle”, International Journal of Emerging Trends in Engineering Research, Vol. 8, No. 9, September 2020, pp. 4941~4946, ISSN: 2347 – 3983 (**Scopus Indexed**).
19. **KANAGASABAI LENIN**, “Elephant herd optimisation algorithm for solving optimal reactive power problem”, International Journal of Advanced Intelligence Paradigms, Volume 17, Issue 3-4, October 2020, PP: 379-391, ISSN: 1755-0386 (**Scopus Indexed**).
20. **KANAGASABAI LENIN**, “Active Power Loss Reduction by Novel Feral Cat Swarm Optimization Algorithm”, Journal of Automation, Mobile Robotics and Intelligent Systems,

Volume 14, N°2, October 2020, DOI: 10.14313/JAMRIS/2-2020/16, PP: 25-29, ISSN 1897-8649. (Scopus Indexed).

21. Dr. KANAGASABAI LENIN, “Modified Cooperative Verdict Optimization Algorithm For Solving Optimal Reactive Power Problem”, International Journal of Advanced Engineering and Science, Vol. 9, No.2, October 2020, ISSN 2304-7712, PP: 20-28.
22. LENIN KANAGASABAI, “Active Power Loss Diminution by Greenland Wolf Optimization Algorithm”, Journal of Applied Research on Industrial Engineering, Vol. 7, No. 2, October 2020, PP: 154–162, ISSN: 2538-5100
23. Dr. KANAGASABAI LENIN, “Chaotic Algorithm for Solving Optimal Reactive Power Problem”, INTERNATIONAL JOURNAL OF DARSHAN INSTITUTE ON ENGINEERING RESEARCH AND EMERGING TECHNOLOGIES Vol. 9, No. 1, October 2020, ISSN 2320-7590, pp. 35-40, Impact factor: 6.24.
24. KANAGASABAI L, “Real Power Loss Reduction by Rock Dove Optimization and Fuligo Septica Optimization Algorithms”, Journal of Engineering Sciences, Vol. 7(2), pp. E1–E6, doi: 10.21272/jes.2020.7(2).e1, October, 2020, ISSN: 2312-2498.
25. V.HARIKA, G.MADHAVI, B.Sonia, “Optimal hourly scheduling of hydro thermal systems integrating with renewable energy systems using differential evolution”, International Journal of Emerging Trends in Engineering Research, Volume 8. No. 10, October 2020, ISSN 2347 – 3983, PP: 6689- 6692.
26. RAVI KUMAR M, B. MOHAN, Dr. M. V. RAMESH, Sowjanya Amarthaluri, “Arduino and Flex Sensor Based Hand Gesture to Speech Conversion”, International Journal of Emerging Trends in Engineering Research, Volume 8. No. 10, October 2020, ISSN 2347 – 3983, PP: 7600-7608.
27. B.LALITHA , T.SRINIVASA RAO, K.BHAVANA, Dr. S.Sateesh, “Elegant Welfare of Women Using Internet Of Things”, International Journal of Emerging Trends in Engineering Research, Volume 8. No. 10, October 2020, ISSN 2347 – 3983, PP: 7122-7126.
28. KANAGASABAI LENIN, “Global Neighbourhood Algorithm for Reduction of Actual Power Loss”, Trends in Technical & Scientific Research, Volume 4, Issue 4, November 2020, DOI: 10.19080/TTSR.2020.04.555642, PP: 91-95, ISSN:2641-8355

29. **LENIN KANAGASABAI**, “Hybridization of Whale Optimization with Hill Climbing Technique for Solving Optimal Reactive Power problem”, International Journal of Swarm Intelligence and Evolutionary Computation, Volume 9, Issue 7, No. 190, Pages: 1 - 6, November 2020, ISSN: 2090-4908, Journal Impact Factor 1.65.
30. **KANAGASABAI LENIN**, “Real Power Loss Reduction and Voltage Stability Enhancement by Stock Exchange, Product Demand-Availability, Affluent and Penurious Algorithms”, Journal of ICT Research and Applications, Vol. 14, No. 2, November 2020, PP: 165-184, ISSN: 2337-5787, DOI: 10.5614/itbj.ict.res.appl.2020.14.2.5 (**Scopus Indexed**).
31. **M.SESHU, K.BHAVANA**, A.Veera Reddy, M.Sunil Kumar, M.RAVI KUMAR, “Solar Based Multi-Purpose Agricultural Robot”, Solid State Technology, Vol. 63 No. 5, November 2020, ISSN 0038-111X.
32. B. Mabu Sarif, D. V. Ashok Kumar, **M. VENU GOPALA RAO**, “Disturbance rejection using IMC Tuned PID controller with improved filter”, Indonesian Journal of Electrical Engineering and Computer Science, Vol. 20, No. 3, December 2020, pp. 1261~1270, ISSN: 2502-4752, DOI: 10.11591/ijeecs.v20.i3. (**Scopus Indexed**).
33. **KANAGASABAI LENIN**,” Power loss reduction by gryllidae optimization algorithm”, International Journal of Informatics and Communication Technology (IJ-ICT) Vol.9, No.3, December 2020, pp. 179~184 ISSN: 2252-8776, DOI: 10.11591/ijict.v9i3.
34. **KANAGASABAI LENIN**,” Diminution of real power loss by novel gentoo penguin algorithm”, International Journal of Informatics and Communication Technology (IJ-ICT) Vol.9, No.3, December 2020, pp. 150~156 ISSN: 2252-8776, DOI: 10.11591/ijict.v9i3
35. **LENIN KANAGASABAI**, “Real power loss reduction by arctic char algorithm”, International Journal of Advances in Applied Sciences (IJAAS) Vol. 9, No. 4, December 2020, pp. 261~264 ISSN: 2252-8814, DOI: 10.11591/ijaas.v9.i4
36. **LENIN KANAGASABAI**, “ Chaotic based Pteropus algorithm for solving optimal reactive power problem”, International Journal of Advances in Applied Sciences (IJAAS) Vol. 9, No. 4, December 2020, pp. 265~269 ISSN: 2252-8814, DOI: 10.11591/ijaas.v9.i4
37. **KANAGASABAI LENIN**, “Diminution of factual power loss by enhanced bacterial foraging optimization algorithm”, International Journal of Applied Power Engineering

(IJAPE) Vol. 9, No. 3, December 2020, pp. 245~249 ISSN: 2252-8792, DOI: 10.11591/ijape.v9.i3.pp245-249

38. **KANAGASABAI LENIN**, “Power loss reduction by chaotic based predator-prey brain storm optimization algorithm”, International Journal of Applied Power Engineering (IJAPE) Vol. 9, No. 3, December 2020, pp. 218~222, ISSN: 2252-8792, DOI: 0.11591/ijape.v9.i3.
39. **HEMALATHA JAVVAJI**, Basavaraja Banakara, “An enhanced 17-level hybridized multilevel inverter with stair case modulation”, International Journal of Power Electronics and Drive System (IJPEDS) Vol. 11, No. 4, December 2020, pp. 1872~1882, ISSN: 2088-8694, DOI: 10.11591/ijpeds.v11.i4. **(Scopus Indexed)**.
40. **KANAGASABAI LENIN**, “Real power loss reduction by Duponchelia fovealis optimization and enriched squirrel search optimization algorithms”, Soft Computing (METHODOLOGIES AND APPLICATION), Volume 24, Number 23, PP: 17863–17873, December 2020, <https://doi.org/10.1007/s00500-020-05036-x>, ISSN: 1433-7479, Impact Factor: 2.784. **(SCIE and Scopus Indexed)**
41. **LENIN KANAGASABAI**, “Solving optimal reactive power problem by Alaskan Moose Hunting, Larus Livens and Green Lourie Swarm Optimization Algorithms”, Ain Shams Engineering Journal, <https://doi.org/10.1016/j.asej.2020.03.019>, ISSN: 2090-4479, Volume 11, Issue 4, December 2020, Pages 1227-1235, Impact Factor: 3.091. **(SCIE and Scopus Indexed)**
42. N. Kalpana and **M.VENU GOPALA RAO**, “Impact of Crow Search Algorithm to Minimize Transmission System Power Losses” Journal of Green Engineering, Vol. 10, Issue 12, December 2020, PP: 12851–12864, ISSN: 1904-4720. **(Scopus Indexed)**.

International Conferences:

1. Dr. **A. ANBARASAN** presented a paper “Development Of Voice Command Based Robotic Vehicle Control Using IOT” at Virtual National Conference on Emerging Technologies in Energy Systems (NCETES-2020)” is scheduled on 11th September 2020.
2. **M.DEVIKA RANI, V.SAI GEETHA LAKSHMI**, “Mitigation of Harmonics Using Active Power Filter For Power Quality Improvement”, 5th International Multidisciplinary Research

conference (IMRC-2020) held on 26th December 2020 at Osmania University Campus, Hyderabad, ISBN: 978-81-948668-1-7,PP: 230- 234.

PATENTS :

1. Dr. **P. MUTHU KUMAR**, Associate Professor Granted patent for his invention " Unified Power Converter " from Intellectual Property India.
2. Dr. **ANBARASAN ANNAMALAI**, Associate Professor obtained patent for his invention "Design and Development of Novel Billing and Payment Management Shopping Cart" from Indian Patent Office.
3. Dr.**PADMANABHA RAJU CHINDA** , Professor & Mrs. **RAGALEELA DALAPATI RAO**, Sr. Assistant Professor obtained patent for their invention “Optimal Power Flow Analysis Using The Particle Movement Bee Colony Algorithm” from Intellectual Property India.
4. Mrs. **RAGALEELA DALAPATI RAO**, Sr. Assistant Professor & Dr.**PADMANABHA RAJU CHINDA** , Professor obtained patent for their invention “Power Flow Control In Transmission Lines Using Dynaflo Controller “ from Intellectual Property India.
5. Dr **N.VIJAYA ANAND**, Associate Professor obtained patent for his invention " IoT Based Municipal Garbage Monitoring System For Smart Cities" from Intellectual Property India
6. Mr **MELIMI RAVI KUMAR**, Assistant Professor filed patent for his invention " Optimal Design of Modular DC-DC Converter Combined With Series Resonance Converter For Energy Integration" from Australian Government IP, Australia.
7. Dr. **C. KUMAR**, Associate professor obtained patent for his invention “A method and a device for object detection” from Intellectual Property India.

PROGRAMMES ORGANIZED:

1. Conducted One week online FDP on “[Design and Development of Control Strategies on Electrical Power Applications - An Industrial Perspective](#)” from 7th to 12th December 2020
2. Conducted a “[Virtual National Conference on Emerging Technologies in Energy Systems \(NCETES-2020\)](#)” is scheduled on 11th September 2020.

3. Conducted a Webinar on on “ [LabVIEW for AI](#) ” by Mr. Ajay Kumar , Founder & CEO, Cognibot Robotics on 2nd Sep 2020 through online mode for teaching and non teaching faculty members in Department of EEE in association with Department of ECE
4. Conducted a Webinar on "[Semiconductor Industry and opportunities in India](#)" by Prithiviraj .C, Project Leader, Mediatek Semiconductor, Bangalore for IV B.Tech students on 8th Aug 2020 from 11.00A.M to 12.00 Noon
5. Conducted a Webinar on " [Illuminating Engineering and its Idea to Startup](#)" by Bhaskarachari,M.Bharathi, Md, Jolton Electronics,Vijayawada for III B.Tech students on 15th Aug 2020 from 4.00PM TO 5.00 PM.
6. Conducted a Webinar on “[Preparation for Campus Interviews](#)” by Mr. Vemuri Sriram,PVPSIT (2011-15), Senior Software Engineer, Zensar Technologies, Hyderabad,for IV B.Tech students on 31st Aug 2020 .
7. National Level webinar on “[Integration on Renewable Energy Systems with Microgrid](#)” by Dr. V. Karthikeyan, Assistant Professor, NIT Calicut on 1st July 2020.

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

FDP's:

1. Dr.**K.LENIN**, attended AICTE Training And Learning (ATAL) Academy Online FDP on "[Product Design](#)" at Motilal Nehru National Institute of Technology Allahabad from from 07th to 12th Dec 2020.
2. Dr.**K.LENIN** Participated one week FDP on " [Renewable sources based distribution power generation, applications and control including energy storage devices](#)" organized by AICTE-GTU ; VVP Engineering college , Kalavad Road Virda Vajadi, Rajkot, Gujarat from 7th to 12th Dec 2020.
3. Smt.**J.HEMALATHA** ,Mr.**Y.VISHNUMURTHULU**, Mr. **B. BADDUNAİK** ,Smt.**B.LALITHA**, Smt **.K.BHAVANA** ,Mr.**M.RAVIKUMAR** ,Mr.**M.SESHU**,Smt.**G.MADHAVI**,Smt **V.HARIKA**, Mr.**B.MOHAN** attended a FDP on “[Design and Development of Control Strategies on Electrical Power Applications - An Industrial Perspective](#) “ organised by EEE Dept. PVPSIT from 07th to 12th Dec 2020.
4. Dr.**K.LENIN**, attended Six Day AICTE- ISTE Sponsored Induction/Refresher Programme on “[Machine Learning & IoT Applications](#)” Organized by Department of Computer Science &

Engineering, Sri Indu College of Engineering & Technology, Hyderabad from 08th to 14th Dec 2020.

5. Smt.**J.HEMALATHA** attended AICTE Training And Learning (ATAL) Academy Online FDP on "[Energy Engineering](#)" organized by LAKSHMI NARAIN COLLEGE OF TECHNOLOGY from 15th to 19th Dec 2020.
6. Dr.**K.LENIN**, Professor of Prasad V. Potluri Siddhartha Institute of Technology participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "[Internet of Things \(IoT\)](#)" at National Institute of Technology From 14th to 18th Dec 2020.
7. Dr.**K.LENIN** Participated one week FDP on "[Renewable sources based distribution power generation, applications and control including energy storage devices](#)" organized by GUJCOST ; Madhuben & Bhanubhai Patel Institute of Technology , GIDC, Phase IV, Vithal Udyognagar, Beyond, Anand,Rajkot from 14th to 19th Dec 2020 .
8. Dr.**C.KUMAR** attended "[Design and Development of Control Strategies on Electrical Power Applications- An Industrial Perspective](#)" online through mode from 07th to 12th Dec 2020
9. Mr.**M.HEMANTH SAI**, Mr.**B.BALA SAI BABU** attended a Hands on training in "[Artificial Intelligence and Optimization technique applications for additional lab experiments and mini, major projects](#)" for B.Tech Engineering students organised by VIDYA Jyothi Institute Of Technology from 07th to 12th Dec 2020
10. Smt.**R.SWATHI** attended AICTE Sponsored One Week Online Faculty Development Program(Phase-III)on"[Research Areas in Biomedical Signal Processing](#)"Organized by Department of Electronics and Communication Engineering, Sri Vasavi Engineering College (Autonomous) from 14th to 19th Dec 2020.
11. Smt. **K.BHAVANA**, participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "[Internet of Things \(IoT\)](#)" at National Institute of Technology Puducherry from 26th to 30th Dec 2020
12. Dr.**N.VIJAYAANAND** participated in FDP on "[Industry institute conclave](#)" organized by NIT Raipur from 31st Oct to 01st Nov 2020.
13. Dr. **A. ANBARASAN**,Mr.**B.BALA SAI BABU**, Mr **Y VISHNU MURTHULU** participated in Five Day online FDP on"[Emerging Trends in Artificial Intelligence Methods to Power Systems, Signal Processing and Control \(EAIPSSC - 2020\)](#)" organised by National Institute of Technology, Andhra Pradesh, Tadepalligudem from 2nd to 6th Nov 2020.
14. Mrs. **G.MADHAVI** and Mrs. **V.HARIKA** participated in FDP on "[Recent Trends and Challenges in Power Market with Smart Grid Technology](#)" organised by AICTE Sponsored One Week National Level Online STTP from 02nd to 07th Nov 2020

15. Mr. **C.KUMAR** participated in FDP on “Emerging Trends in Artificial Intelligence Methods to Power Systems, Signal Processing and Control (EAIPSSC – 2020)” through Online mode from 2nd to 6th Nov 2020.
16. Mr. **Y VISHNU MURTHULU** participated in AICTE Training And Learning (ATAL) Academy Online FDP on "Artificial Intelligence" organised by National Institute of Technology Calicut from 9th to 13th Nov 2020.
17. Mr. **B.BADDU NAIK** participated in One week FDP on " Electric Vehicle” organised by ATAL - Department of Electrical & Electronics Engineering, National Institute of Technology, Mizoram from 10th to 14th Nov 2020.
18. Mrs. **K.BHAVANA**, Mrs. **B.LALITHA** participated in AICTE Training and Learning (ATAL) Virtual Faculty Development Program (FDP) on “ Internet of Things (IoT): Architecture & System Level Design” Organized by Indian Institute of Technology Goa (IIT Goa) from 14 to 18th Nov 2020.
19. Mrs. **M.DEVIKA RANI** participated in AICTE Sponsored Faculty Development Programme on “Stress Management through Yoga and Meditation” Directorate of Faculty Development & IQAC, JNTUA, Ananthapuramu from 16th to 21st Nov 2020.
20. Mr. **Y VISHNU MURTHULU** participated in One week AICTE sponsored ATAL-FDP On “Energy Engineering” organised by National Institute of Technology Agartala. From 23rd to 27th Nov 2020.
21. Smt **V.S.G.LAKSHMI** attended FDP on “Digital tools for Writing, Authoring & Reviewing Manuscripts” organised by Electronics & ICT Academies MNIT Jaipur, NIT Patna & IIT Guwahati from 21st Sep to 2nd Oct 2020.
22. Smt. **M.DEVIKA RANI** attended AICTE Training And Learning (ATAL) Academy Online FDP on “Artificial Intelligence “organised by Indian Institute of Technology Ropar from 01st Oct 2020 to 05-10-2020
23. Dr. **A. ANBARASAN** attended AICTE Training And Learning (ATAL) Academy Online FDP on “Electric Vehicles” organised by Department of Electrical and Electronics Engineering, National Institute of Technology Puducherry from 05th to 09th Oct 2020
24. Mr. **M SESHU** and Mr. **B.BALA SAI BABU** attended Online Faculty Development Program on “ IPR& Innovation Management in Engineering Science” organised by IQAC PVPSIT on 08th Oct 2020
25. Mr. **M SESHU** attended One week FDP on ”Recent Trends In Electrical Energy Conservation and Grid Technology” organised by EEE Dept. Velammal College of Eng. & Technology Madurai from 12th to 19th Oct 2020.

26. Mr.Y.Vishnu Murthulu attended Faculty/Student Development Program on “R Programming” through online from 05th to 07th Oct 2020.
27. Mr. SRINIVASARAO THUMATI, Smt.K.BHAVANA, Smt B.LALITHA attended AICTE Training And Learning (ATAL) Academy Online FDP on “Energy Engineering” organised by Indian Institute of Technology Roorkee. From 19th -23rd Oct 2020
28. Smt.M.DEVIKA RANI attended AICTE Training And Learning (ATAL) Academy Online FDP on “Artificial Intelligence” organised by Indian Institute of Technology Patna . From 19th - 23rd Oct 2020
29. Mr. C. KUMAR, Mrs. J. HEMALATHA, Mrs. G. MADHAVI, Mrs. V. HARIKA Participated One-week Faculty Development Programme on “Renewable Energy: Research to Industry” organized by Organized by Electronics & ICT Academies, NIT Patna from 22nd Aug to 13th Sep 2020.
30. Dr. M.V. RAMESH participated in AICTE Training and Learning (ATAL) Sponsored one week online FDP on “Artificial Intelligence” organised by NIT, Kurukshetra from 26th - 30th Sep 2020
31. Smt.M.DEVIKA RANI participated in AICTE Training and Learning (ATAL) Sponsored one week online FDP on “Artificial Intelligence” organised by College of Engineering and Management, Kolaghat from 31st Aug – 4th Sep 2020.
32. Dr.CH.PADMANABHARAJU, Smt.D.RAGALEELA participated in Five Day Online Workshop on “The Development of the Energy Internet of Things (eIOT) in Green Energy Infrastructure” at National Institute of Technology Silchar, Assam from 1st – 5th Sep 2020.
33. Dr.N.VIJAYANAND participated in ATAL AICTE sponsored FDP On “Electric Vehicles” organised by Dept of Electrical Engineering, Gyan Ganga Institute of Technology and Sciences, Jabalpur Scheduled from 1st – 5th Sep 2020.
34. Smt.R.SWATHI participated in A 5- day National Level FDP on “Trends and Challenges in the Design and Implementation of Planar Antennas” organised by Department of ECM, Sree Nidhi Institute of Science & Technology, Hyderabad from 2nd – 5th Sep 2020.
35. Smt.K.BHAVANA, Smt B.LALITHA participated in 5 Days International FDP on “Digital Mind Mapping for Online Teaching and Learning & G-Tools” organised by Vignan's Institute of Management & Technology for Women, Hyderabad from 2nd – 6th Sep 2020.
36. Smt.M.DEVIKARANI participated in Three Days TEQIP-III Sponsored Faculty Development Programme on “Electrical Vehicle” at Rajasthan Technical University, Kota Sri Balaji College of Engineering and Technology from 4th – 6th Sep 2020.

37. Dr.**K.LENIN** participated in Online Faculty Development Programme on “Recent Research Trends in Control, Instrumentation and Allied Engineering: A Multidisciplinary Approach (RRTCIA-2020)” organized by Department of Electronics and Instrumentation Engineering, NATIONAL INSTITUTE OF TECHNOLOGY SILCHAR from Silchar, Assam-788010 from 4th – 8th Sep 2020.
38. Dr. **A. ANBARASAN** participated in AICTE sponsored online STTP on “Electric Cars Technologies and Modern Power System” organised by Department of Electrical and Electronics Engineering, Kamaraj College of Engineering & Technology, Virudhunagar from 7th – 12th Sep 2020.
39. Smt.**R.SWATHI** participated in AICTE Training And Learning (ATAL) Academy Online FDP on “Internet of Things (IoT)” organised by National Institute of Technical Teachers Training and Research, Chandigarh 7th – 11th Sep 2020.
40. Dr.**K.LENIN** participated in one week Faculty Development Programme on “Green Energy: The Energy of Future (GEEF 2020)” organised by Rajasthan Technical University, Kota Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur from 7th – 11th Sep 2020.
41. Mr.**B.MOHAN** participated in Two Day National Level Online Faculty Development Programme on “Intellectual Property Rights And Patent Filing” organised by Mahatma Gandhi Institute of Technology, Hyderabad, Telangana. From 11th – 12th Sep 2020.
42. Smt.**V.SAI GEETA LAKSHMI** participated in 1 Week HANDS-ON Faculty Development Program on Artificial Intelligence using Python organised by Department of “Information Technology” in association with Brain vision Solutions India Pvt.Ltd. & National Youth Council of India held from 14th – 19th Sep 2020.
43. Mr. **M. RAVI KUMAR** participated in ATAL AICTE sponsored FDP On Capacity Building organised by VTU Scheduled from 21st to 25th Sep 2020.
44. Mr. **B. BADDUNAIK** participated in One week FDP on “Cyber-physical Production Systems” at Department of Mechanical Engineering, National Institute of Technology Andhra Pradesh from 21st – 25th Sep 2020.
45. Smt.**B.LALITHA**, Smt.**K.BHAVANA**, Smt.**J.HEMALATHA**, Mr.**Y.VISHNUMURTHULU**, Mr.**B.MOHAN**, Mr.**T.SRINIVASARAO**, Mr.**M.HEMANTHSAI**, Mr.**B.BALASAIBABU**, Smt.**G.M ADHAVI**, Smt.**V.HARIKA**, Mr.**T.NARASIMHA PRASAD** participated in Faculty Development Programme on “Moodle Test for Teachers at Spoken Tutorial Project”, IIT Bombay from 25th Sep 2020.

46. Dr.**P.MUTHUKUMAR** ,Smt.**K.BHAVANA** participated in Five Days Faculty Development Programme titled "**Recent Advances in Power Electronics**" organised by Department of Electrical and Electronics Engineering in association with Noorul Islam Alumni Association , Kumaracoil 23rd – 25th Sep 2020.
47. Mr.**M.SESHU** participated in FDP on "**Challenges and Opportunities of Energy and Sensor Applications**" organized by Department of Electrical and Electronics Engineering JNTUA College of Engineering Anantapur from 23rd – 26th Sep 2020.
48. Dr. **A. ANBARASAN** participated in ATAL sponsored online FDP on "**Energy Storage for Sustainable Development**"Department of Electrical Engineering, National Institute of Technology Silchar, Silchar, from 26th – 30th Sep 2020.
49. Smt.**M.DEVIKARANI** participated in International faculty development program on "**Industrial Automation using PLC/SCADA with IoT**" at School of Electrical Engineering (SELECT) Vellore Institute of Technology (VIT) Chennai from 21st - 25th Sep 2020.
50. Smt.**M.DEVIKARANI** participated in 4 Day FDP on "**Challenges and Opportunities of Energy and Sensor Applications** at Department of Electrical and Electronics Engineering, JNTUA College of Engineering from 23rd – 26th Sep 2020.
51. Dr. **A. ANBARASAN** and Mrs.**M. DEVIKARANI** attended the International online 5 days FDP on "**Real-Time Applications of Opal-RT for Power Electronics, Smart Grid and Microgrid**",organized by Vellore Institute of Technology, Chennai during 3rd – 7th Aug 2020.
52. Mrs. **D.RAGALEELA** attended the FDP on "**Control of Power Electronic Converters for on Grid and off Grid Applications**", organized by Department of Electrical Engineering, at Sardar Vallabhbhai National Institute of Technology, Surat during 3rd – 7th Aug 2020.
53. Mr.**B.BADDU NAIK**, Mr.**T.NARASIMHA PRASAD** attended Five Day National Level Online FDP On "**Micro Grid: Fundamentals, Control and Stability Aspects**", organized by Department of Electrical & Electronics Engineering at G.Pulla Reddy Engineering College (Autonomous), Kurnool during 3rd – 7th Aug 2020.
54. Mr.**M.SESHU** attended the FDP on "**Novel Technologies in Electrical Engineering**" organized by Mahaveer Institute of Science and Technology, Hyderabad during 10th – 14th Aug 2020.
55. Dr.**K.LENIN** attended the FDP on "**Opportunities and challenges of post pandemic Era:An overview**" organized by Department of artificial intelligence and machine learning at BMSIT&M, Bengaluru during 10th – 14th Aug 2020.
56. Mrs.**V.S.G.LAKSHMI** attended the ATAL sponsored online Faculty Development Programme on "**Trends And Issues in Control System Analysis And Design**"organized by Government College of Engineering at Srirangam, Trichy 17th – 21st Aug 2020.

57. Dr. **C. KUMAR** attended the FDP on “Recent Trends and Opportunities in Electricity: Generation, Transmission and Distribution” organized by School of Electrical Engineering, Vellore Institute of Technology, Chennai during 17th – 21st Aug 2020.
58. Dr. A. **ANBARASAN** and Dr. C. **KUMAR** attended the Five day online FDP on “Emerging Techniques in Smart Power System: Challenges and Solutions” organized by department of Electrical Engineering at NIT Warangal in Association with the Centre for Continuing Education NIT Warangal during 24th – 28th Aug 2020.
59. Mrs. **V.S.G.LAKSHMI** attended AICTE – Training & Learning (ATAL) Academy Sponsored Online Faculty Development Program on “Internet Of Things (IOT)” organized by National Power Training Institute during 24th – 28th Aug 2020.
60. Mrs. **V.S.G.LAKSHMI** attended FDP on :”Emerging Trends in Power Electronics and Power System” (ETPEPS-2020)” organized by O P Jindal University Raigarh, CG during 24th – 29th Aug 2020.
61. Mrs. **M.DEVIKA RANI** attended AICTE Training and Learning (ATAL) Sponsored one week online FDP on “Electric vehicles” organized by PSG College of Technology, Coimbatore during 24th – 28th Aug 2020.
62. Mrs. **R.SWATHI**, Mrs. **G.MADHAVI** and Mrs. **V.HARIKA** participated one week National online FDP “Learning Management system & E-content Development Tools” organized by Hidusthan College of Arts and Science, Coimbatore from 1st - 8th July 2020.
63. Mrs. **V.S.G.LAKSHMI**, Mrs. **M.DEVIKA RANI** participated in National level Faculty Development Program on "ARDUINO" Organized by SV Engineering College, Tirupati, in association with Spoken-Tutorial, IIT Bombay from 29th June- 3rd July 2020.
64. Mr. **M. SESHU** participated one day National level Virtual FDP on “ Creating online courses through open Educational Resources” organized by Parul Polytechnic Institute, Limbda on 11th July 2020.
65. Dr. **C.KUMAR** , Mr. **M.RAVI KUMAR**, Mr. **B.MOHAN** participated in One Week National Level Online Faculty Development Programme on “Real Time Aspects of Power System Scenario” Organized by Department of Electrical and Electronics Engineering, Mahatma Gandhi Institute of Technology, Hyderabad, Telangana (State) from 06th -10th July 2020.
66. Dr. **A.ANBARASAN**, Mrs. **B. LALITHA**, Mrs. **K. BHAVANA**, Mr. **T.SRINIVASA RAO** attended 5 days Online FDP on "Contemporary Challenges in Electrical Engineering and Aiding Technologies" organized by St. Joseph's College of Engineering, OMR, Chennai from 6th -10th July 2020.

67. Mrs. **V.S.G.LAKSHMI** attended a 5-Days Online Faculty Development Program on **Recent Trends In Micro Grid Technologies**, organized by Dept. of electrical and electronics Engineering, VIGNAN Institute of Technology & science, Yadadri Bhuvanagiri Dist. From 6th -11th July 2020.
68. Mr. **B.BADDU NAIK**, Mr. **M. HEMANTH SAI**, Mr. **B. BALASAI BABU** attended Two Week APSSDC online FDP on **“Internet of Things (IoT)”** from 13th - 25th July 2020.
69. Ms. **G. MADHAVI**, Mrs. **V.HARIKA** participated one Online Faculty development Program conducted by APSSDC on **"Synchron "** from 13th -17th July 2020.
70. Dr. **C.KUMAR** participated in the one week FDP on **“Recent Research Trends in Electrical engineering”** organized by Electrical Engineering Department, School of Engineering, Gautam Buddha University, Greater Noida from 14th -18th July 2020.
71. Mrs. **B. LALITHA**, Mrs. **K. BHAVANA** attended FDP on **Robotics & Control (RoboCon)-2020** organized by the Department of Electronics & Instrumentation Engineering, National Institute of Technology, Silchar from 15th – 19th July, 2020.
72. Dr. **A.ANBARSAN**, Mr. **M.HEMANTH SAI** , Mr. **B.BADDU NAIK** attended a Five Day International Online FDP on **“Renewable Energy Application in Smart Grid, Micro Grid and EVs (REASGMGEV-2020)”** organized by Department of Electrical & Electronics Engineering of GMR Institute of Technology, Rajam from 13th - 17th July 2020.
73. Mr. **M.HEMANTH SAI** , Mr. **B. BALASAI BABU** attended Two Week online FDP on **“Advanced Optimization Techniques and hands-on with MATLAB/SCILAB”** jointly organized by Electronics and ICT Academies held from 13th to 24th July 2020 under the “Scheme of financial assistance for setting up of Electronics and ICT Academies” by the Ministry of Electronics and Information Technology (MeitY), Government of India.
74. Mrs. **R.SWATHI** attended seven day online FDP on **“Recent trends in Management”** organized by department of management studies, Gates institute of technology, ananthapuram, from 13th - 19th July 2020.
75. Mrs. **M.DEVIKA RANI** Participated in 4 day online FDP on **“python programming”** organized by department of computer science & Engineering, K.L. Deemed to be university Hyderabad off-campus from 15th - 18th July in association with IIT Bombay Spoken-Tutorials, funded by National Mission on Education through ICT, MHRD, Govt of India.
76. Mr. **B.BADDU NAIK** attended A National level FDP on **“Electric Vehicles Design, Development & Challenges”** organized by Department of Electrical & Electronics Engineering, Sridevi Women's Engineering College, Vattinagulapally, Hyderabad from 15th-21st July 2020.

77. Dr.**N.VIJAYANAND** ,Mrs.**V.S.G.LAKSHMI** ,Mrs.**M.DEVIKA RANI** Participated in One Day National Level Online FDP on “**Controller Hardware-in-the-Loop Simulation: Tool for Future Electrical Engineers**” held on 24th July 2020 Organized by Department of Electrical and Electronics Engineering, Mahatma Gandhi Institute of Technology, Hyderabad, Telangana in collaboration with Quarbz Info Systems, Kanpur.
78. Mrs.V.S.G.Lakshmi has actively participated in A 5-Day Online FDP on “**Power Electronic Converters & It’s Real Time Applications**”, Organized by the Department of Electrical and Electronics Engineering, Sri Vasavi Engineering College (Autonomous), Andhra Pradesh, from 21st – 25th July 2020.
79. Dr.**C.KUMAR**,Dr.**A.ANBARSAN** attended A One-Week National Level FDP on “**Current Research Trends in Power Systems & Power Electronics**”, organized by Department of EEE, Vignan’s Institute of Technology and Science for Women, Guntur from 20th -25th July 2020.
80. Mr.**B.BADDU NAIK** attended One Week FDP on “**Emerging Trends in Electrical Engineering: A Research Perspective**” organized by Department of Electrical & Electronics Engineering, Lal Bahadur Shastri (LBS) College of Engineering, Kasaragod, Kerala from 27th - 31st July 2020.

Training Program

1. Dr.**M.V.RAMESH**,Smt.**B.LALITHA**, Smt .**K.BHAVANA**, Smt.**M.DEVIKA RANI** ,Mr.**B.MOHAN** ,Mr.**T.SRINIVASA RAO** attended a 30 Days “**Master Class on Matlab Simulink**“ Training program organised by Pantech Prolabs India Pvt Ltd in association with Andhra Pradesh State Skill Development Corporation (APSSDC) from 23rd Nov to 22nd Dec 2020.
2. Smt. **B.LALITHA**, Smt . **K.BHAVANA**,Mr. **T.SRINIVASA RAO** attended a 15 Days ARDUINO MASTER CLASS Training program organised by Pantech Prolabs India Pvt Ltd from 23rd Nov to 14th Dec 2020
3. Mr. **B. BADDUNAİK** ,Mr.**M.HEMANTH SAI** completed a MOOC course, “**Electric Power Systems**” from University at Buffalo”, The State University of New York offered through Coursera on 22nd December, 2020.
4. Mr.**M.HEMANTH SAI** completed a MOOC course, 'Energy: The Enterprise' from University at Buffalo, The State University of New York and offered through Coursera on 22nd December, 2020.

5. Mrs **M.DEVIKA RANI**, Mrs.**V.S.G.LAKSHMI**, Mr.**P.KARUNAKAR** participated in APSSDC online training program on “**MATLAB AND SMULINK**” Online from 11th to 13th Nov 2020.
6. Dr.**K.LENIN** participated “**Data Science Masters in 11 hours,Virtual training program**” Organised by EXCELR SOLUTIONSA Division of EXCELR SOLUTIONS (USA) on 5th,6th and 12th Sep 2020.
7. Mr.**T.NARASIMHA PRASAD** participated a Training Program of Hands on “**Electric vehicle using MATLAB**” organized by NITK-STEP National Institute of Technology, Karnataka at Suratkal, in association with Pantech E-learning during 22nd - 23rd Aug 2020

STC's

1. Mr.**M.SESHU** attended STTP on “**Automotive Technology for sustainable Energy**” organised by GRIET Hyderabad from 14th to 19th Dec 2020.
2. Dr.**K.LENIN** attended short term course on " Decision modelling through CPLEX" conducted by IIT Kharagpur from 14th to 20th Dec 2020
3. Smt.**M.DEVIKA RANI** attended AICTE sponsored Six Days Online Short Term Training Program on “**Data Analytics for Smart Grid Technology**” organised by Department of Electrical and Electronics Engineering, St. Joseph's Institute of Technology from 30th Nov to 05th Dec 2020.
4. Smt.**M.DEVIKA RANI** attended One Week AICTE Sponsored Short Term Training Programme on “**Recent Trends in Renewable Photovoltaic System and its Research Challenges**” (Phase-III) organised by Department of Electrical and Electronics Engineering, SVCE , Tirupathi from 14th to 19th Dec 2020.
5. Mr.**P.KARUNAKAR** participated in ICT Mode STTP on “**Mobile and Wireless Network**” organized by NITTTR , Kolkata from 09th to 13th Nov 2020.
6. Mrs **M.DEVIKA RANI** participated in Short Term Training Programme through ICT Mode on “**Artificial Intelligence**” organised by NITTTR,KOLKATA from 16th to 20th Nov 2020.
7. Mr.**M.SESHU**,Mrs.**K.BHAVANA**,Mrs.**B.LALITHA** participated in STTP on "**Effective Engineering Teaching Practices**" organised by Department of Civil PVPSIT from 23rd to 28th Nov 2020

8. Mrs **M.DEVIKA RANI** participated in Short Term Training Programme through ICT Mode on “[Solar PV System: operation and control](#)” organised by NITTTR,KOLKATA from from 23rd to 27th Nov 2020
9. Dr. **C. KUMAR** attended STTP on “[Sustainable Energy Systems: Topology, Control and Policy](#)” organised in online mode from 12th to 26th Oct 2020
10. Smt.**M.DEVIKA RANI** attended AICTE sponsored one week Short Term Training Programme On” [Research Trends in Renewable Photovoltaic System and its Research Challenges](#)”(Phase-I) organised by SV College of Engineering, Tirupathi from 19th to 24th Oct 2020
11. Smt.**K.BHAVANA,SMT B.LALITHA** attended STTP on “[Measurement and control for industrial automation](#)” organised by NITTTR,Kolkata from 05th to 09th Oct 2020
12. Dr. **K.LENIN** attended STC (one week) on “[Computational techniques in image and signal processing jointly](#)” organized by Department of Electrical & Instrumentation Engineering (EIE) and Department of Electronics & Communication Engineering (ECE), SLIET Longowal, Punjab. from 28th Sep to 03rd Oct 2020
13. Dr. **K.LENIN** attended e-sttp on “[Future perspective of electrical power system](#)” organized by Govt engineering college , Ajmer Rajasthan from 09th to 13th Oct 2020
14. Smt.**V.SAIGEETA LAKSHMI** participated in One week online short-term training program on “[Integration storage and control in hybrid energy system](#)” Geethanjali College of Engineering And Technology from 31st Aug to 5th Sep 2020.
15. Mr.**M.SESHU**, Smt.**M.DEVIKA RANI** participated in One-Week International Short-Term Training Program on “[Power Electronics Applications to Industrial Systems](#)”organised by Department of Electrical Engineering National Institute of Technology Silchar 7th to 11th Sep 2020
16. Smt.**K.BHAVANA** participated in Short Term Course on “[Intellectual Property Rights](#)” organised by Department of Chemistry, Dr. B. R. Ambedkar National Institute of Technology Jalandhar from 7th to 11th Sep 2020
17. Smt.**K.BHAVANA** participated in Course (STC) On “[Emerging Techniques in Condition Monitoring of Electrical Apparatus](#)” organised by Department of Electrical Engineering National Institute of Technology-Srinagar, J&K 190006 from 7th to 11th Sep 2020.
18. Mr.**B.MOHAN** participated Two Day National Level Online Faculty Development Programme on “[INTELLECTUAL PROPERTY RIGHTS AND PATENT FILING](#)”

Organised by Mahatma Gandhi Institute of Technology, Hyderabad, Telangana. from 11th to 12th Sep 2020 .

19. Smt.**M.DEVIKA RANI** participated in TEQIP-III Sponsored Online Short Term Course on “Recent Trends in Renewable Energy Systems and Their Control”-RESC-2020 organised by Department of Electrical Engineering and Department of Instrumentation and Control Engineering, Dr. B. R. Ambedkar National Institute of Technology, Jalandhar, Punjab.from 14th to 18th Sep 2020.
20. Smt.**M.DEVIKA RANI** participated in TEQIP-III Sponsored Online Short Term Training Program On “Sustainable Energy Systems Design for Remote Villages in India”organised by Department of Electrical Engineering, National Institute of Technology Raipur in association with VEC Lakhanpur, CSVTU from 14th to 18th Sep 2020.
21. Dr.**N.VIJAYANAND** participated in TEQIP-III Sponsored One Week Online Short Term Training Program On “Research Scholars’ Week: Engineering (RSW-2020)” Engineering college Bikaner (Rajasthan) and NIT Kurukshetra (Haryana) from September 17th to 22nd Sep 2020
22. Mr. **C. KUMAR** Participated in the five day online STC on “Opportunities and Challenges in New Power Distribution Paradigm(OCNPDP)”conducted by the Dept. of EEE ,NIT,Silchar from 18th to 22nd Sep 2020.
23. Smt.**M.DEVIKA RANI** participated in AICTE Sponsored one-week online sttp on “Machine Learning and IoT Technologies for environmental issues” organised by Department of Computer science and Engineering,Prasad V Potluri Siddhartha Institute of Technology,Vijayawadafrom 21st to 26th Sep 2020.
24. Smt.**M.DEVIKA RANI** participated in TEQIP-III Sponsored Short Term course on Industry 4.0-“Industrial Automation Solutions & Applications(IASA-2020)” organised by Department of Instrumentation and Control Engineering, Dr. B. R. Ambedkar National Institute of Technology, Jalandhar, Punjab from 21st to 25th Sep 2020.
25. Smt.**M.DEVIKA RANI** participated in TEQIP-III Sponsored one week Online short term course Short Term Course on “Stability Analysis, Protection and Control of Microgrid” Department of Instrumentation & Control Engineering, Dr. B. R. Ambedkar National Institute of Technology, Jalandhar, Punjab from 25th to 29th Sep 2020.
26. Smt.**M.DEVIKA RANI** participated in Exploratory applications of control and instrumentation (E-stc)(Eaci-20) Department of Instrumentation & Control Engineering, Dr. B. R. Ambedkar National Institute of Technology, Jalandhar, Punjab from 26th 2020 to 30th Sep 2020.

27. Mr.M.**HEMANTH SAI** participated in AICTE sponsored online short-term training program on “Challenges in electric vehicular battery charging and grid integration issues” organised by Department of electrical and electronics Engineering ,Rajeev Gandhi memorial college of technology, nandyala from 24th to 30th Sep 2020.
28. Dr.**C.KUMAR** participated a TEQIP-III sponsored Short Term Course on “Control of Power Electronics Converters for on Grid and off Grid applications” organized by department of Electrical Engineering at Sardhar Vallabhbhai National Institute of Technology, Surat during 3rd – 7th Aug 2020
29. Mr.**B.BADDU NAIK** and Mr.**T.NARASIMHA PRASAD** participated a AICTE sponsored STTP on "Challenges in Electric Vehicular Battery Charging & Grid Integration Issues" organized by Department of Electrical & Electronics Engineering at Rajeev Gandhi Memorial College of Engineering & Technology, Nandyal during 3rd – 8th Aug 2020
30. Mr.**B.BADDU NAIK** participated a One week Short Term Course on "Application of Artificial Intelligence in Electrical Energy Systems" organized by Department of Electrical Engineering at National Institute of Technology Srinagar, J&K, India during 17th – 24th Aug 2020
31. Dr.**K.LENIN** participated a Online Short Term Course on “Recent Advances in Computational Intelligence for Signal Processing” organized by Department of Electronics and Communication Engineering, JUIT Waknaghat during 10th – 15th Aug 2020.
32. Mrs.**M.DEVIKA RANI** participated a 5 days Short Term Training Programme on “Recent Trends and Challenges in Smart Grid Technology” organized by Sri Ramakrishna Engineering College, Coimbatore during 17th -21st Aug
33. Mrs.**M.DEVIKA RANI** participated a AICTE Sponsored One Week Online Short Term Training Programme on “Optimization Techniques Through Machine Learning For IOT” organized by Malla Reddy Engineering College for Women, Secunderabad during 27th Jul – 1st Aug 2020.
34. Dr.**M.V.RAMESH**,Dr.**P.MUTHUKUMAR**,Mrs.**B.LALITHA**,Mrs.**K.BHAVANA**,Mr.**T.SRI NIVASA RAO**, completed STTP through ICT mode on “ Designing Teaching under Outcome based education” organized by National Institute of Technical Teachers Training and Research, Kolkata from 6th – 10th July 2020.
35. Dr. **M.V RAMESH**, participated in AICTE Sponsored Online Short Term Training Program on“Recent Trends in Hybrid and Electric Vehicle Technologies” (RTHEVT-2020) Maharaj

Vijayaram Gajapathi Raj College of Engineering (A) Vizianagaram, Andhra Pradesh. from 6th - 11th, July 2020.

36. Mrs.**M.DEVIKA RANI** Participated in National level Short term training Programme on “Programming Enhanced Mid-Range PIC controllers” using mplabx ide and digital proteus organized by Department of Electrical and Electronics Engineering, SSN Engineering college, Chennai during 20th to 22nd July 2020.

Conferences:

1. Dr.**C.KUMAR** attended national conference (online) on “Recent Trends in Renewable Energy and Advancement in Engineering and Technology (RTREAET-2020)” sponsored by HAREDA, Govt. of Haryana, jointly organized by department of EEE, ECE and MEC, Mewat Engineering College, Nuh held on 1st – 2nd Sep 2020.

Workshops:

1. Dr.**K.LENIN** participated in International E- workshop on “Electronic structure theory and application to chemical systems” organised by NIT – Tiruchirapalli from 2nd to 6th Nov 2020.
2. Mrs **M.DEVIKA RANI** participated in Virtual Workshop on "Machine Learning Applications for Power Engineers" organised by VIT University, Chennai in association with IEEE Power Electronics Society, Madras section from 16th to 21st Nov 2020.
3. Smt.**M.DEVIKA RANI** attended Three Days Online National Workshop Programme on “Research Challenges in Advanced Power Converters for Electrical Engineering Applications -RCAPCEEA-2020” organised by New Horizon College of Engineering, Bengaluru from 27th to 29th Oct 2020.
4. Smt.**M.DEVIKA RANI**, Smt.**V.SAIGEETA LAKSHMI** participated 4 Days online Hands-on workshop using “MATLAB & SIMULINK Research Perspective” Organised by New Horizon College of Engineering, Bengaluru in association with IEEE NHCE Student branch from 1st -4th Sep 2020.
5. Smt.**B.LALITHA**, Smt.**K.BHAVANA** participated Two Days National Video Workshop on “Inculcation of Research Culture in Academic Institutions“ (IRCAI) Organised by National Institute of Technology, Jamshedpur from 5th – 6th Sep 2020.

6. Dr. **A. ANBARASAN** participated a Online workshop on "Power System Analysis using ETAP" organized by Dept. of EEE at St. Joseph's Institute of Technology, Chennai, during 3rd – 5th Aug 2020.
7. Dr.**C.KUMAR** participated a one week national workshop on "Research Challenges and Application of Computational Tools in Electrical Engineering" organized by department of Electrical and Electronics Engineering at Vignan's Nirula Institute of Technology and Science for women, Guntur during 10th – 15th Aug 2020.
8. Mrs.**M.DEVIKA RANI** participated a the workshop on Artificial Intelligence using MATLAB organized by St.Joseph's College of Engineering during 13th – 14th Aug 2020.
9. Dr. **K. LENIN** participated a workshop on FOSS week organized by Department of computing Middle East College, Oman during 24th – 27th Aug 2020.
10. Mrs. **B. LALITHA**, Mrs. **K. BHAVANA** attended One Day National Workshop on "Innovation and Intellectual Property Rights Filing" organized by Innovation Club (Institute Innovation Council), Dr B R Ambedkar National Institute of Technology, Jalandhar held on 1st July 2020.
11. Dr.**A.ANBARASAN** ,Mrs.**J.HEMALATHA** ,Mrs.**V.S.G.LAKSHMI** ,Mrs.**M.DEVIKA RANI** ,Mrs.**R.Swathi** Participated in an Online workshop on "LATEX" organized by Department of Energy and Power Electronics, School of Electrical Engineering, VIT, Vellore on 3rd July 2020.
12. Dr.**K.LENIN**, Dr.**C.KUMAR** ,Mr **Y VISHNU MURTHULU** ,Mrs.**J.HEMALATHA**, Mr.**B.BADDU NAIK**, Mrs. **B. LALITHA**, Mrs. **K. BHAVANA** ,Mrs.**V.S.G.LAKSHMI**, Mrs.**M.DEVIKA RANI** ,Mr.**M.RAVI KUMAR** ,Mr.**B.MOHAN** , Mr.**M.HEMANTH SAI** ,Mr. **T. NARASIMHA PRASAD** participated one week workshop on " Introduction to PLECS Tool for Power Electronics Applications" organized by VRSEC on 2nd – 6th July 2020.
13. Mrs. **B. LALITHA**, Mrs. **K. BHAVANA** attended One day workshop on "Robotics Manipulators– Forward and Inverse Kinematics" organized by Department of EEE and Mathematics, Sri Ramakrishna Institute of Technology, Coimbatore, held on 4th July 2020.
14. Mrs.**M.DEVIKA RANI** Participated in the Technical Education Quality Improvement Programme(TEQIP-III) sponsored International Workshop on "Electric Power Grid Modernization: Trends, Challenges and Opportunities" organized by Department of EEE, National Institute Of Engineering,Mysuru held from 20th -24th July 2020.

15. Mrs. **V.S.G.LAKSHMI** ,**MRS.M.DEVIKA RANI** Participated in the 5- Days e-Workshop on “**MATLAB and its Applications in Electrical Engineering**” organized by Department of Electrical and Electronics Engineering, SVCE ,Tirupathi on 20th -24th July 2020

SUPPORTING STAFF:

Training Programmes Attended:

1. Mr. **D. PITCHESWARA RAO**, Ms. **D. VIJAYA LAKSHMI**, Mr. **V. SIVAKIRAN KUMAR**, Mr. **D. BALAJI**, Mr. **Y. RAMKOTI** and Mr. **B. NAGA RAJU** attended a two day hands on session on “Labview and DAQ” by Mr. Sagar Kirangi, Sr. App. Engineer, VI solutions Bangalore on 15th & 16th November 2019, organized by ECE dept., PVPSIT.
2. Mr. **D. PITCHESWARA RAO**, Ms. **D. VIJAYA LAKSHMI**, Mr. **V. SIVAKIRAN KUMAR**, Mr. **D. BALAJI**, Mr. **Y. RAMKOTI** and Mr. **B. NAGA RAJU** participated in Online webinar on “**Lab VIEW for Artificial Intelligence**” organised by Department of ECE & EEE, PVP Siddhartha Institute of Technology on 2nd Sep 2020.
3. Smt. **D. VIJAYALAKSHMI** completed STTP through ICT mode on “ **Designing Teaching under Outcome based education**” organized by National Institute of Technical Teachers Training and Research, Kolkata from 6th – 10th July 2020.

FACULTY ACHIEVEMENTS

1. The following list of faculty enrolled and certified in Coursera / uLectz /NPTEL Online Course during July - Dec 2020
 - Mr. **M. SESHU** ,Mr. **B. BALASAI BABU** one week certification course on “ Digital Teaching Techniques” organized by ICT Academy from 29th June to 4th July 2020.
 - Ph.D registered : Mr. **B. BALASAI BABU** registered Ph.D at NIT-AP in August 2020
 - Mrs. **R.SWATHI**, Asst. Professor, submitted Ph.D thesis titled “is “**A Satellite Image Registration Based On Hybrid Invariant Feature And Optimization Algorithm**” to GITAM Deemed to be University, Visakhapatnam under the guidance of Dr. Alluri Srinivas, Assoc. Professor, GITAM, Visakhapatnam on 28th August 2020.
 - Smt.**J.HEMALATHA**, Smt.**G.MADHAVI**,Smt **V.HARIKA** and Smt.**R.SWATHI** attended Course on “**LaTeX for Students, Engineers, and Scientists, LaTeX101x**” course is offered by IITBombayX, an online learning initiative of Indian Institute of Technology Bombay from 15-07-2020 to 15-12-2020.

S.No	Name of Faculty	Course Name	Date of Completion
1	B.Baddu Naik	Electric Power Systems	22-12-2020
		Natural Gas	30-12-2020
2	B.Lalitha	Learning How to Learn: Powerful mental tools to help you master tough subjects	13-08-2020
3	D.Ragaleela	Electric Power Systems	14-07-2020
4	Dr.A.Anbarasan	Electric Power Systems	07-07-2020
5	Dr.C.Kumar	Solar Energy Basics	10-08-2020
6	Dr.N.Vijaya Anand	Solar Energy Basics	02-08-2020
		Electric Power Systems	03-08-2020
7	K.Bhavana	Learning How to Learn: Powerful mental tools to help you master tough subjects	13-08-2020
8	M.Devika Rani	Experimentation for Improvement	04-07-2020
		Programming for Everybody (Getting Started with Python)	31-07-2020
		Electric Vehicles and Mobility	30-08-2020
		Exploring Light: Hands-on Activities and Strategies for Teachers	04-09-2020
		Solar Energy Basics	27-09-2020
		Introduction to Personal Branding	28-09-2020
		Wind Energy	30-10-2020
9	M.Hemanth Sai	Electric Power Systems	22-12-2020
		Energy: The Enterprise	22-12-2020
10	R.Swathi	Introduction to Psychology	26-07-2020
		Wireless Communications for Everybody	29-08-2020
11	T.Srinivasa Rao	AI for Everyone	02-07-2020
		Learning How to Learn: Powerful mental tools to help you master tough subjects	13-08-2020

PERFORMANCE IN NPTEL ONLINE COURSES SEPT 2020

S.No	Name	Course Name	Roll Number	Final Score
1	Smt.V.Sai Geetha Lakshmi	Introduction to Smart Grid	NPTEL20EE65S32500152	42

PERFORMANCE IN MOOC through the e-Yantra Innovation Challenge(eYIC) DEC 2020

1	R.SWATHI	Disaster Management Informatics	Amonst Top 30%
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FACULTY INTERACTION WITH OUTSIDE WORLD:

1. Dr. P. MUTHU KUMAR acted as resource person for topic on “ Optimization of FPGA Design using VHDL” organized by SCAD College on 2nd July 2020.

STUDENT PARTICIPATION:

a) Curricular activities:

1. **J. SAITEJA** of III B.Tech EEE participated in the webinar on “Data Science – Future Era of Data Insights” on 1st July 2020 Hosted by department of IT, C.Abdul Hakeem College of Engineering & technology, Vellore in Association with Pantech e-Learning.
2. **B. HEMA MANIKANTA** of IV B.Tech EEE participated in the National level Webinar on “Integration of Renewable Energy Systems with Microgrid” on 1st July 2020 organized by department of EEE, PVP Siddhartha Institute of Technology, Vijayawada.
3. **K. PHANI SUNDAR** of II B.Tech EEE participated in the National level Quiz on “Engineering Chemistry” on 3rd July 2020 organized by Department of BS&H (Chemistry), Narasaraopeta Engg College, Narasaraopeta, Guntur Dist.
4. **G. NAGASRIVALLI** of II B.Tech EEE participated in the National level Quiz on “Engineering Chemistry” on 3rd July 2020 organized by Department of BS&H (Chemistry), Narasaraopeta Engg College, Narasaraopeta, Guntur Dist.
5. **S. BHAVANA, V. LAKSHMI LIKITHA, BHEEMAVARAPU RISHITA** of EEE participated in Online Training Program on “Basics of Induction Motor” from 29th June 2020 to 04th July 2020 organized by APSSDC.
6. **K. SRIJA LALITHA** of II B.Tech EEE participated in the National level Quiz on “Engineering Chemistry” on 4th July 2020 organized by Department of BS&H (Chemistry), Narasaraopeta Engg College, Narasaraopeta, Guntur Dist.
7. **P. LAKSHMI SAHITYA, UGENDHIRAN P M & N. HARSHA SRI** of EEE participated in Online Training Program on “Basics of PLC” from 06th July 2020 to 11th July 2020 organized by APSSDC.
8. **R. DEVI SAI SREE** of EEE participated in Webinar on “Career in Cloud Computing” held on 7th July 2020 organized by APSSDC.
9. **B. DURGA BHAVANI** of III B.Tech successfully passed in the “Isometric Views Quiz” in a National Online Technical Quiz Series in “Production & Industrial Engineering Module” organized by the Robotics Club, Department of Mechanical Engineering, Lakkireddy Bali Reddy College of Engg., Mylavaram on 8th July 2020.

10. **POORNIMA CHOWDARY** of IV B.Tech participated in the Webinar on the theme “**Be the Change**” conducted by ICT Academy on 10th July 2020.
11. **A. MAANYA KRISHNA & DEVI VARA PRASAD** of III B.Tech participated in Online Practical Workshop on “**Arduino with Thinkercad-open source Real-time simulator**” on 11th July 2020 organized by department of ECE, Aliah University, Kolkata.
12. **B.HEMA MANIKANTA OF** EEE has successfully completed “**Interview Skills**” online course offered by TCS iON from 25th April to 11th July 2020.
13. **B.HEMA MANIKANTA** of EEE has successfully completed “**Commnication Skills**” online course offered by TCS iON from 25th April to 11th July 2020.
14. **NAVYA SOLE** of IV B.Tech participated in Online Training Program on “**Basics of Low Voltage Switchgear-4**” from 13th July 2020 to 17th July 2020 organized by APSSDC.
15. **SYED. VAHIDDIN** of II B.Tech successfully completed online quiz on “**A National Level E-Quiz in Engineering/ Applied Chemestry**” on 16th July 2020 conducted by Bapatla Women’s Engg. College, Bapatla.
16. **KOTA SONY DAKSHAYANI** of II B.Tech successfully completed online quiz on “**Essential life skills for Engineers**” on 16th July 2020 conducted by department of CSE in association with PVPSIT ACM student chapter.
17. **K. RAMA KRISHNA** of III B.Tech successfully completed National level Quiz on “**Block chain Technology**” on 16th July 2020 organized by Department of CSE, PVP Siddhartha Institute of Technology, Vijayawada.
18. **LANKA JAYA KRISHNA** of IV B.Tech participated in Webinar on “**Drone Development & De-Droning Technologies**” organized by Department of Mechanical Engineering, St. Joseph Institute of Technology, Chennai in association with Innovation Cell on 18th July 2020.
19. **D. NIKHILA** of EEE participated in Webinar on “**How to Succeed in Personal Interviews – A Corporate Perspective**” on 18th July 2020 conducted by Hindu College of Management, Guntur.
20. **A.MAANYA KRISHNA** of III B.Tech participated in Webinar on “**Career Opportunities in Civil Services**” on 19th July 2020 organized by PERI Institute of Technology, Chennai.
21. **V. JAYA LAKSHMI** of EEE had successfully completed the quiz on “**Power Electronics**” conducted by Department of EEE and The Institute of Engineers Student chapter on 19th & 20th July 2020.

22. **D. NIKHILA** of EEE participated in National Webinar on “[IT Enabled Services – Competitive Advantage & Challenges for India](#)” on 22nd July 2020 organized by Department of Business Administration, PVP Siddhartha Institute of Technology, Vijayawada.
23. **P. SRAVANI, V. MANASWI , M. YAMINI LAKSHMI** of IV B.Tech has successfully qualified an E-Quiz on “[Logical Reasoning](#)” organized by Department of Applied Science, Poornima Institute of Engineering & Technology, Jaipur held from 22nd – 23rd July, 2020.
24. **M. JOBABU** of III B.Tech participated in Five day FDP “[Training on Industry 4.0](#)” held from 20th – 24th July, 2020 organized by College of Engineering Roorkee (COER), Uttrakhand.
25. **SONY DAKSHAYANI** of II B.Tech Participated in the Applied Physics Quiz held on 25th July 2020 organized by Freshman Engineering Department, Lakkireddy Balireddy College of Engg., Mylavaram
26. **M. JOBABU** of III B.Tech attended the [Neuroscience Lecture Series](#) conducted by IISER, Thirupathi via online on 25th July, 2020
27. **B. DURGA BHAVANI** of III B.Tech successfully completed 2.5 total hours of "[Super way to learn Arduino](#)" creative online course on 26th July 2020 by Udemey
28. **B. DURGA BHAVANI** of III B.Tech successfully passed in the “[Quiz on Production Technology](#)” in a National Online Technical Quiz Series in “Production & Industrial Engineering Module” organized by the Robotics Club, Department of Mechanical Engineering, Lakkireddy Bali Reddy College of Engg., Mylavaram on 7th July 2020.
29. **K. RAMA KRISHNA** of III B.Tech has successfully completed a National Level eQuiz on “[General Knowledge](#)” Organized by the Department of Science & Humanities, Rise Krishna Sai Gandhi Group of Institutions, Ongole on 28th July 2020.
30. **M. JOBABU** of III B.Tech participated in the “[National level e-quiz on Computer Science](#)” organized by BCA Department IHRM College of Professional Studies from 21st July to 30th July 2020.
31. **G. KUMIDHINI LAYA** of III B.Tech participated in Online Training Program on “[Basics of SCADA](#)” from 27th July 2020 to 31st July 2020 organized by APSSDC.
32. **M. JOBABU** of III B.Tech participated in the Webinar series on “[Aerospace & Defence Laws Lecture Series](#)” organized by NALSAR University of Law, Hyderabad during June-July, 2020.

33. **K. DEVI VARA PRASAD** of III B.Tech participated in summer Online Training Program on “Industrial Automation With PLC” held from 27th July to 8th August 2020 Organized by APSSDC.
34. **A. KIRANMAYEE AND A. MAANYA KRISHNA** of III B.Tech participated in workshop “How to prepare for competitive coding” on 1st August 2020 organized by PVP Siddhartha Institute of Technology, Vijayawada in association with PrepBytes.
35. **DIVYA PATHAK** of III B.Tech successfully completed a short course on “Learn to Design your own Solar Home System” on 1st August 2020 organized by Energy Swaraj Foundation in association with Koneru Bhaskara Rao & Hemalata Human Development Foundation.
36. **DIVYA PATHAK** of III B.Tech attended PHTHON Quiz organized by Start Club SNIST at sreenidhi Institute of Science & Technology, Hyderabad on 2nd August 2020.
37. **G. KUMIDHINI LAYA** of III B.Tech attended PHTHON Quiz organized by Start Club SNIST at sreenidhi Institute of Science & Technology, Hyderabad on 2nd August 2020.
38. **CH. PRATYUSHA, DIVYA PATHAK AND DHANA LAKSHMI** of III B.Tech has successfully completed the quiz on Control Systems Conducted by Department of EEE and The Institute of Engineers Student Chapter, VNR Vignana Jyothi Institute of Engineering & Technology on 2nd & 3rd Aug, 2020
39. **B. DURGA BHAVANI** of III B.Tech has successfully completed Online Quiz on “Basic Electrical Engg. Concepts” on 5th August 2020 organized by Department of EE & Department of Engineering Sciences, Sinhgad Institute of Technology Lonavala.
40. **B. DURGA BHAVANI** of III B.Tech has participated in the Online Quiz on “General Mathematics” conducted by Department of Mathematics, Seshasayee Institute of Technology, Trichy on 5th Aug 2020.
41. **A. MAHESH SATYAA KALYAN** of EEE participated in online training program on “AC-DC drives” from 3rd – 7th Aug, 2020 conducted by APSSDC.
42. **YALAMANCHI SATHWIK** of IVB.Tech participated in online training program on “Basics of LVSG-13” from 3rd – 7th Aug, 2020 conducted by APSSDC.
43. **B. DHANA LAKSHMI** of III B.Tech participated in Online National Quiz on “E-Quiz on Electric Power Sstems” on 7th Aug, 2020 Organized by the department of EEE, Mahaveer Inst. of Science & Technology.
44. **B. KRISHNA CHAITANYA** of EEE Prticipated in Online training program on "Source code management using Git & GitHub” held from 3rd – 8th Aug, 2020 conducetd by APSSDC.

45. **B. DURGA BHAVANI** of EEE participated in National level online “[Quiz on General Chemistry](#)” conducted by Department of Chemistry, St. Francis De Sales College, Nagpur, Maharashtra on 11th Aug, 2020.
46. **B. DURGA BHAVANI** of III B.Tech participated in Webinar on “[Future Opportunities in Electrical Engineering](#)” organized by Department of EEE, Marathwada Institute of Technology, Aurangabad on 11th Aug, 2020.
47. **B. DURGA BHAVANI** of III B.Tech participated in Webinar on “[AI: Transforming future of Urology](#)” organized by i- International Training & Research in Uro-Oncology & Endourology on 12th Aug, 2020.
48. **B. DURGA BHAVANI** of III B.Tech successfully completed a 6-Day International level workshop on “[5G Technologies with Applications for IoT](#)” organized by Department of CSE, VKR, VNB & AGK College of Engineering from 10th – 16th Aug, 2020.
49. **B. DURGA BHAVANI** of III B.Tech participated in AICTE sponsored National Level 5-Day STTP on “[Industrial Internet of Things](#)” from 12th – 16th Aug, 2020 Organized by Department of Mechanical Engineering, Nitte Meenakshi Institute of Technology, Bangalore
50. **B. DURGA BHAVANI** of III B.Tech successfully completed Short Course on “[Learn to Design your own Solar Home System](#)” on 15th Aug, 2020 Organized by Energy Swaraj Foundation in association with Sinhgad College of Engineering, Pune.
51. **B. DURGA BHAVANI** of III B.Tech successfully completed National Level Technical Quiz on Arduino Microcontroller on 24th Aug, 2020 organized by Department of ECE, SVS College of Engineering, Coimbatore.
52. **B.KRISHNA CHAITANYA** of III B.Tech completed a 4 weeks training on “[Website Designing](#)” at internship studio.
53. **K. VINEETHA , J.HANOOK AND V. JAYA LAKSHMI** of III B.Tech has participated in Technical Training Program on “[Artificial Intelligence](#)” conducted by IETE – Mumbai In association with Pantech E Learning, from 24th – 28th Aug, 2020.
54. **B. DURGA BHAVANI** of III B.Tech successfully completed the “[National Level e-Quiz on Chemistry in Daily Life](#)” on 28th & 29th Aug, 2020 organized by Department of Chemistry, Balaji Institute of Technology & Science, Warangal Rural, Telangana.
55. **B. DURGA BHAVANI** of III B.Tech participated State Level Online Quiz on “[Chemical Energy](#)” organized by Department of Mechanical Engineering, Sankar Polytechnic College, Tirunelveli in the month of August 2020.

56. **M. JOBABU** of III B.Tech participated in Headstart Program on “[Foundational Thinking in Computer Science](#)” in Aug 2020 conducted by iNuture Education Solutions.
57. **B. DURGA BHAVANI** completed 15 Hours of Python- Beginners Level Program during July – Aug 2020, conducted by Alphite Learnings
58. **B. DURGA BHAVANI** of III B.Tech successfully completed Online Quiz on “[Electrical Substation](#)” on 1st Sep, 2020 organized by Department of EEE, Sinhgad Institute of Technology Lonavala.
59. **M. JOBABU** of III B.Tech participated in Virtual Workshop on “[Emission Control Technology on Heavy Commercial Vehicles](#)” on 1st Sep, 2020 conducted by SKYY RIDER INSTITUTIONS.
60. **S. NAVYA** of IV B.Tech participated in the Webinar on “[ARM7 & Programming](#)” organized by Department of ECE, Balaji Institute of Technology and Science, Narsampet in association with Pantech e learning on 3rd Sep, 2020.
61. **S. NAVYA** of IV B.Tech participated in the Webinar on “[AI Applications to Electric Drive](#)” organized by Department of EEE, TOC H Institute of Science & Technology in association with Pantech e learning on 3rd Sep, 2020.
62. **J SAI TEJA** of III B.Tech participated in the Webinar on “[Arduino & Programming](#)” organized by Pantech e learning on 4th Sep, 2020.
63. **DEMULA JAYA LAKSHMI** of EEE participated in the Technical Training Program On “[Mobile App Development using Android Studio](#)” conducted by IETE Mumbai in association with Pantech e learning from 31st Aug – 04th Sep, 2020.
64. **B. DURGA BHAVANI** of III B.Tech participated in Webinar on Application on “[Solar PV System in Remote Areas](#)” on 9th Sep, 2020 organized by Department of EE, Radhakrishna Institute of Technology & Engineering, Bhuvanesar.
65. **B. DURGA BHAVANI** of III B.Tech participated in Webinar on “[Challenges to Implement IoT in Industries](#)” on 10th Sep, 2020 organized by Department of Computer Science, AV College of Arts, Science & Commerce in association with Pantech E Learning.
66. **NAVYA SOLE** of IV B.Tech participated in the Technical Training Program on “[Power Electronics Design using Simulink](#)” conducted by IETE Mumbai in association with Pantech e learning from 7th - 11th Sep, 2020.
67. **B. DURGA BHAVANI** of III B.Tech participated in Webinar on “[Data Science & IoT](#)” organized by Department of CSE, Knowledge Institute of Technology, Salem in association with Pantech E Learning on 11th Sep, 2020.

68. **B. KRISHNA CHAITANYA** of III B.Tech participated in Online training program on "Python programming" held from 24th Aug – 12th Sep, 2020 Conducted by APSSDC.
69. 9 students of EEE participated in the event 'Tech Jam' on the occasion of Engineer's day celebrations held on 12th September, 2020 organized by ISTE student chapter, PVP Siddhartha Institute of Technology, Kanuru, Vijayawada.
70. 3 students of II & III B.Tech participate in the event 'Poster Presentation' on the occasion of Engineer's day celebrations held on 12th September, 2020 organized by ISTE student chapter, PVP Siddhartha Institute of Technology, Kanuru, Vijayawada.
71. **M. JOBABU** of III B.Tech participated in 1st module of webinar series on "Nanoscience & Nanotechnology" organized by School of Technology, Pandit Deendayal Petroleum University, Gandhinagar, India during 11th – 13th Sep, 2020.
72. **K. RAMA KRISHNA** of III B.Tech successfully completed Engineers day Quiz Conducted by Bharathiya Vijnana Mandali on 15th Sep, 2020
73. **K. RAMA KRISHNA** of III B.Tech successfully completed the online "COVID-19 Awareness Quiz" conducted through online by Lakki Reddy Bali Reddy College of Engineering, Mylavaram on 15th Sep, 2020.
74. **S. VAISHNAVI** of III B.Tech recognized as MyNEP Ambassador for valuable contribution towards promoting the National Education Policy 2020 on 18th Sep 2020.
75. **S. NAVYA** of IVB.Tech successfully completed 6 weeks online training on "Programming with Python" on 23rd Sep, 2020 by Internshala Trainings.
76. **VALLURU SANDHYA** of EEE participated in the MyNEP Quiz competition on 25th Sep, 2020.
77. **B. DURGA BHAVANI** of III B.Tech attended 3-Days Online Skill Development program on "CB & SG: Designing, installation, maintenance & Testing" organized by the Department of Electrical Engineering, Vidya Pratishthan Kamalnayan Bajaj Institute of Engineering & Technology, Baramati, Maharashtra from 25th to 27th Sep, 2020 under Centre for Switchgear and Protection (CSGP) & in association with Indian Society of Technical Education (ISTE), New Delhi.
78. **B. DURGA BHAVANI** of III B.Tech has successfully completed FDP on "Recent Trends in Power System and Energy Management" conducted from 23rd – 28th Sep, 2020 conducted by Younus College of Engineering & Technology, Kollam
79. **B. DURGA BHAVANI** of III B.Tech successfully completed online quiz on "Three Phase Induction Motor" on 1st Oct, 2020 organized by Deptment of Electrical Engineering, Sinhgad Institute of Technology Lonavala.

80. **S. VAISHNAVI** of III B.Tech participated in Webinar on “[GATE Awareness Program](#)” Benefits & Career Opportunities With GATE on 3rd Oct, 2020 conducted by THE GATE ACADEMY.
81. S. Vaishnavi of III B.Tech participated in the MyNEP Quiz competition on 5th Oct, 2020.
82. **B. DURGA BHAVANI** of EEE participated in Online Quiz on “[Recent Trends in Chemistry](#)” on 8th Oct, 2020 conducted by the Department of Chemistry, Seshasayee Institute of Technology, Trichy.
83. B. DURGA BHAVANI of III B.Tech Successfully completed online quiz on “[Single Phase Transformer – 1](#)” organized by Department of Electrical Engineering, Sinhgad Institute of Technology Lonavala on 13rd Oct, 2020.
84. **B. DURGA BHAVANI** of III B.Tech successfully completed Online Quiz on “[Switchgear & Protection – 1](#)” organized by Department of Electrical Engineering, Sinhgad Institute of Technology Lonavala on 13rd Oct 2020.
85. **D.NIKHILA** of III B.Tech participated in One day webinar on [New National Education Policy-2020](#) organized by PVP Siddhartha Institute of Technology & P.B. Siddhartha College of Arts & Science, Vijayawada
86. **M. JOBABU** of III B.Tech attended National IP Literacy Week Organized under Kalam Program for IP Literacy and Awareness held from 15th – 23rd Oct, 2020.
87. 4 students of EEE participated APSSDC online workshop on “[System Engineering](#)” Organized by APSSDC in association with Dassault Systems from 19th – 23rd Oct, 2020.
88. **B. DURGA BHAVANI** of III B.Tech successfully completed Online Webinar on “[Python for Data Science – Complete Beginner’s Guide](#)” Organized by Alphite Learnings on 31st Oct, 2020.
89. **M. JOBABU** of III B.Tech participated in the Online Quiz Test Conducted by Bharatiya Vijnana Mandali – VIBHA A.P Chapter on 132nd Birth Anniversary of Sir C.V. Raman on 7th Nov, 2020.
90. **S. VAISHNAVI** of III B.Tech participated in International Webinar on “[Security in Cyberspace](#)” on 9th, 10th and 11th Nov, 2020 conducted by Department of CSE, Mar Baselions Institute of Technology & Science, Ernakulam, Kerala
91. 6 Students of EEE participated for APSSDC Online Training Program on “[MATLAB & SIMULINK](#)” from 11th – 13th Nov, 2020.
92. **M. JOBABU** of III B.Tech participated one day virtual workshop on “[Advanced Manufacturing with CNC and CAM](#)” conducted on 18th Nov, 2020 by SKYY RIDER INSTITUTIONS.

93. **J SAI TEJA** of III B.Tech participated in Online training program on " **PCB DESIGNING**" held from 16th – 29th Nov, 2020 conducted by APSSDC.
94. **B.KRISHNA CHAITANYA** of III B.Tech successfully completed 33 total hours of "JavaScript Programming" Online course on 2nd Dec, 2020 by Udemy.
95. **CHATTU LAHARI** of EEE successfully completed **Srinivasa Ramanujan Talent Test-2020** on 22nd December, 2020 conducted by Department of Basic Sciences & Humanities, Sri Vasavi Engineering College, Tadepalligudem.
96. **GOPISETTY KAVYA SRI** of II B.Tech successfully completed **Srinivasa Ramanujan Talent Test-2020** on 22nd December, 2020 conducted by Department of Basic Sciences & Humanities, Sri Vasavi Engineering College, Tadepalligudem.
97. 21 students of EEE successfully completed 30 Days Master Class on "Matlab Simulink" at Pantech Prolabs India Pvt Ltd in association with APSSDC from 23rd Nov – 22nd Dec 2020.

b) Extra-Curricular Activities:

1. 8 students of IV and II B.Tech EEE students participated in a webinar on " **Legal Awareness with Special Reference To Digital Etiquette** " organised by Women Cell, PVPSIT On 16-12-2020.
2. Ms. **V.BHAVYA SAHITHI**(19501A02A8), Ms. **G.KAVYA**(19501A0228) Sri II B.Tech EEE participated in a webinar on "Wellness & Hygiene" organized by womens cell ,PVPSIT on 6th Nov 2020.
3. Mr. **K. RAMAKRISHNA** (**18501A0265**) of III B.Tech "Model United Nations competition (Floor crossing, Fourth estate)" for Surabhi, Indian largest online cultural fest conducted by KLU from 04.09.20 to 06.09.20
4. Mr.**K. DEVI VARA PRASAD**(19505A0214) participated in **NSS quiz** programme on the occasion of national NSS day on 24-09-2020 organized by K.B.N.College (Autonomous), Vijayawada .
5. Mr.**K.SIVATEJA** participated in NSS quiz programme on the occasion of national NSS day on 24-09-2020 organized by K.B.N.College (Autonomous), Vijayawada .
6. Ms. **DIVYA PATHAK**(18501A0223),Ms. **G.KUMIDHINI LAYA** (**18501A0227**) III EEE student participated in an "Paintng/Pencil Sketching" conducted by KLU deemed to be university,Vaddeswaram Guntur on 6th Sep 2020.
7. Ms.**A.MRUDHLA** (17501A0213) & IV EEE student participated in an "online assessment test on Communication English conducted by literary club", Usha Rama College of Engineering &Technology on the occasion of International Literacy day on 08-09-2020 .

8. Mr **SAINISCHALA** participated in “**SOLEVOCAL**” competition for surabhi ,Indias largest online cultural fest conducted by KLU deemed to be university from 04-09-2020 to 06-09-2020.
9. Ms **DEMULA BHAVYA SAHITHI**(19501A02A8) , P. Bhanu Sri (17501A0291)of II & IV EEE student participated in “painting :COVID 19” conducted by PVPSIT,Kanuru on the eve of 74th Independence Day celebrations on 15th August 2020.
10. Ms. **G.KUMIDHINI LAYA**(18501A0227),Ms. **G.ROHINI**(18501A0229) III EEE student participated in “**Singing Contest 2020**” at RAC PVP Siddhartha on eve of 74th Independence Day conducted by Rotaract Club on 15th August 2020.
11. Mr **U. PAVAN KARTHIK**(18501A0285) ,P. Bhanu Sri (17501A0291) III & IV EEE student participated in “**Essay writing**” various competitions conducted by PVPSIT,Kanuru on the eve of 74th Independence Day celebrations on 15th August 2020.
12. **PUJITHA V**(17501A02B7), **MOHAMMAD SHAZADI RAMEELA**(19501A0262), **P. BHANU SRI** (17501A0291), **KOTA SONY DAKSHAYANI**(19501A0249), **N.SAIKALYANI**(17501A0279) II & IV EEE student participated in “**Elocution: New Education policy various competitions**” conducted by PVPSIT,Kanuru on the eve of 74th Independence Day celebrations on 15th August 2020.
13. Ms.**S.VAISHNAVI**(18501A0278) III EEE student participated in “**Demonstrating his/her commitment in boycotting ,Made in China Products and to encourage the production in India towards ATMANIRBHAR BHARAT MISSION**” conducted by Delgon Technologies,JNTUK on 6th July 2020.

STUDENT ACHIEVEMENTS:

1. **P. CHARAN NAGARAJ**(19501A0274) of II B. Tech Student Secured I Prize in “**Technical Jam**” conducted by Department of EEE, PVPSIT on 12th September 2020.
2. **S. ANIL KUMAR** (17501A02A5) of IV B. Tech Student Secured II Prize in “**Technical Jam**” conducted by Department of EEE, PVPSIT on 12th September 2020
3. **J. SAI TEJA** (18501A0233) of III B. Tech Student Secured III Prize in “**Technical Jam**” conducted by Department of EEE, PVPSIT on 12th September 2020
4. **BHANU SRI PILLA** (17501A0291) of IV B. Tech Student Secured I Prize in “**Poster Presentation**” conducted by Department of EEE, PVPSIT on 12th September 2020
5. **J SAITEJA** (18501A0233) of III B. Tech Student Secured II Prize in “**Poster Presentation**” conducted by Department of EEE, PVPSIT on 12th September 2020
6. **K.SRIKRUTHI** (18501A0242) of III B. Tech Student Secured III Prize in “**Poster Presentation**” conducted by Department of EEE, PVPSIT on 12th September 2020.

7. Mr. **K. RAMAKRISHNA**(18501A0265) of **III B.Tech** participated in “National wide online contest The ideal woman”which contains Swami Vivekanandas thoughts on the ideal of woman hood in india” secured **FIRST** on 15-11-2020

STUDENT PUBLICATION:

1. Muhammad Zubair, **Gunturi N V S Chandra Mouli (17501A0242)**, Rafi Ahamed Shaik presented a paper on “Removal of Motion Artifacts from ECG signals by Combination of Recurrent Neural Networks and Deep Neural Networks” at **IEEE** 2020 Malaysian International Biomedical Engineering Conference (MIBEC) on 28th November 2020.

PLACEMENTS:

S.NO.	ROLL.NO.	STUDENT NAME	COMPANY
1	17501A0242	Gunturi Naga Venkata Sai Chandra Mouli	Capgemini
2	17501A0245	Hema Manikanta Betha	
3	17501A0256	Kondamudi Srilekha	
4	17501A0273	Murugudu Hemasree	
5	17501A0282	Pachipala Lakshmi Sahitya	
6	17501A02A0	Sai Teja Jalasutram	
7	17501A02B3	Vaddi Sri Venkata Phani Sai Sumdha	
8	17501A0213	Avirneni Mrudula	CTS (Cognizent)
9	17501A0217	Bolisetty Kailas	
10	17501A0241	Gudivada Naga Anuradha	
11	17501A0242	Gunturi Naga Venkata Sai Chandra Mouli	
12	17501A0245	Hema Manikanta Betha	
13	17501A0249	Jetty Swetha	
14	17501A0266	Mandadi Revanth	
15	17501A02B4	Vallabhaneni Sai Surendranath	TCS
16	17501A02B9	Yalamanchi Sathwik	
17	17501A0201	Abbabathula Khushikhas	
18	17501A0238	Gowrabatthuni Lalitha Praveen	
19	17501A0240	Guddati Sasi Kumar	
20	17501A0244	Hari Preethi Gangireddla	
21	17501A0245	Hema Manikanta Betha	
22	17501A0253	Karnati Manoj Kumar	
23	17501A0288	Panuganti Sravani	
24	17501A02A0	Sai Teja Jalasutram	

INDUSTRIAL VISITS/INTERNSHIP:

1. Ms. **NAVYA** (19501A02A6) of **II B.Tech EEE** completed six weeks online training on “Programming on Python”conducted by Internshala Trainings

2. Mr. **EPHRAIM SUNNY** (17501A0205) & Mr. G. Sasi Kumar (17501A0240) of IV B.Tech EEE completed two week live interactive online training at RTCC, Hyderabad conducted by Apex Training institute of BSNL from 14.09.2020 to 25.09.2020
3. Ms. **NAVYA** (19501A02A6) of II B.Tech EEE completed “**Deep Learning using CNN and AI using Python**” conducted by IETE, Mumbai in association with Pantech e-learning from 01.09.2020 to 21.09.2020.
4. Ms. **K. JAYA HARSHITHA** (17501A0257) of IV B.Tech EEE attended one month online internship programme on **Power Electronics** during 24.08.2020 to 23.09.2020.
5. Mr. **P MAHESH BABU**(7501A0286), Mr. **V SAI SURENDRANATH**(17501A02B4) of IV B.Tech EEE Students completed the One Month Industrial Internship Program on “**IoT with Machine Learning using Python**” organised by National Institute of Technology, Surathkal in association with Pantech eLearning during 21-10-2020 to 24-11-2020.

OTHERS:

1. Solar Energy Society of India (SESI) student chapter is inaugurated on 19th December 2020 by Dr. Sayed Majid Ali, Vice President, SESI. .