



# 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: 15

JULY -DECEMBER-2019

### Faculty Incharge :

Mrs. R.Swathi  
Mr. B.Balasaibabu  
Inside:

#### 1. MOU's Executed

#### 2. Faculty Publications

- (i) International Journals
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#### 8. Student Achievements

- (i) Placements

#### 9. Industrial visits

### Quotation

"You cannot believe in  
God until you believe in  
yourself."

Swami Vivekananda

### 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. NTPPS, Ibrahimpatnam
- Power Lab Instruments ,Chennai

### FACULTY PUBLICATIONS:

#### International Journals:

1. **ANBARASAN.A, Kumar. C**, "Effect of Distributed Generation and STATCOM in Multi – Machine system for real power minimization", International Journal of Scientific & Technology Research, Volume 8, Issue 07, ISSN: 2277-8616, July 2019 (SCOPUS)
2. **Dr. M.VENUGOPALA RAO**, "ANN based SVC FACTS Controller to Enhance Voltage Stability of Multi – Machine Power System" International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN:2278-3075, Volume – 8, Issue – 10, August 2019.(SCOPUS).
3. **PADMANABHA RAJU CHINDA**, "Solar Agro Sprayer", International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN:

2278-3075, Volume – 8, Issue – 11, September 2019.  
(SCOPUS).

4. **M.V. RAMESH**, P.Sowjanya, “IoT Based Energy Meter with Theft Detect”, International Journal of Recent Technology and Engineering (IJRTE), ISSN: 2277-3878, Volume-8 Issue-2S10, PP: 444-448, September 2019 (SCOPUS).
5. **M.V. RAMESH,V.S.G.LAKSHMI**, “PV System Powered BLDC Motor with Energy Storage”, International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-8, Issue-6S3, September 2019, PP: 881-883, Impact Factor: 5.97 (SCOPUS)
6. **M.VENU GOPALA RAO**, “Optimal Allocation of UPFC to Minimize Real Power Losses using NSPSO Algorithm”, International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8 Issue-12, October 2019, PP: 924-931, Impact Factor: 5.54 . (SCOPUS)
7. **R. SWATHI**,”An Improved Image Registration Method Using E-SIFT Feature Descriptor with Hybrid Optimization Algorithm”, Journal of the Indian Society of Remote Sensing, November 2019, <https://doi.org/10.1007/s12524-019-01063-w>, Springer India, ISSN: 0255-660X, PP: 1-12, Impact Factor:0.869 (SCIE).
8. **M.V.RAMESH**, G.Vijay Kumar, “Design and Fabrication of Solar Powered Autonomous Seed Sowing Vehicle”, International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9 Issue-1, PP: 4026-4032, November 2019, Impact Factor: 5.54 (SCOPUS)
9. **PADMANABHA RAJU CHINDA**, “A Novel way out to Unit Commitment Problem utilizing Evolutionary Particle Swarm Optimization” International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-4, November 2019, PP: 5039-5044, Impact Factor: 5.92. (SCOPUS)
10. **B. BADDU NAIK, M. HEMANTH SAI, B. BALA SAI BABU**, “HIF Detection and Classification in Distribution Systems using Wavelet Transforms”, International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-4, PP: 10008-10013, November 2019, Impact Factor: 5.92 (SCOPUS)
11. **K.LENIN**, “Tailored flower pollination (TFP) algorithm for diminution of real power loss”, International Journal of Informatics and Communication Technology (IJ-ICT) Vol.8, No.2, August 2019, pp. 94~101, ISSN: 2252-8776, DOI: 10.11591/ijict.v8i2. PP: 94-101

12. K.LENIN, “Contest of strength game-based algorithm for decline of active power loss”, International Journal of Computational Systems Engineering, 2019, Vol.5, No.4, PP: 211 – 217, ISSN: 2046-3405, 10.1504/IJCSYSE.2019.101709
13. K.LENIN, “Active power loss reduction by opposition based kidney search algorithm”, International Journal of Advances in Applied Sciences (IJAAS) Vol. 8, No. 3, September 2019, PP: 217~224 ISSN: 2252-8814, DOI: 10.11591/ijaas.v8i3.pp217-224.
14. RAGALEELA DALAPATI RAO, “A novel particle movement bee colony algorithm with Dynaflow controller for line loadability enhancement”, Engineering Science and Technology, an International Journal, ISSN: 2215-0986, PP: 1-11, <https://doi.org/10.1016/j.jestch.2019.11.007>, December 2019, Impact Factor: 2.432 (SCIE & Scopus Indexed).
15. LENIN KANAGASABAI, “Diminution of real power loss by novel Galapagos Penguin Algorithm”, Heliyon, 5, e03001, December 2019, PP: 1-5, ISSN: 2405-8440, <https://doi.org/10.1016/j.heliyon.2019.e03001>. (Scopus Indexed).
16. VIJAYA ANAND NIDUMOLU “An Efficient Energy Measurement and Control using IoT”, International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9 Issue-2, PP: 3441-3444, December 2019, Impact Factor: 5.54 (Scopus Indexed).
17. MANNAM VENU GOPALA RAO, , “Machine Learning Algorithm Based static VAR Compensator to Enhance Voltage Stability of Multi-machine Power System”, Mathematical Modelling of Engineering Problems, Vol.6, No. 4, December 2019, PP: 641-649, ISSN: 2369-0739 (Scopus Indexed).
18. KANAGASABAI LENIN, “Solving optimal reactive power problem by improved variable mesh optimization algorithm” International Journal of Advances in Applied Sciences (IJAAS) Vol. 8, No. 4, December 2019, PP. 279~284 ISSN: 2252-8814, DOI: 10.11591/ijaas.v8i4.pp279-284
19. KANAGASABAI LENIN, “Power loss reduction by arctic wolf optimization algorithm”, International Journal of Informatics and Communication Technology (IJ-ICT) Vol.8, No.3, December 2019, PP. 111~116 ISSN: 2252-8776, DOI: 10.11591/ijict.v8i3.pp111-116.

### **International Conferences:**

1. **NARASIMHA PRASAD TULASI**, Dr.A.Lakshmi Devi, “Droop Control of Proportional Resonant Controller fed Hybrid Distributed Generator in Low voltage AC Micro grid”, 2<sup>nd</sup> International Conference on Intelligent Computing Instrumentation and Control Technologies (ICICICT) 2019 held at Vimal Jyothi Engineering college, Kerala on 5<sup>th</sup>- 6<sup>th</sup> July 2019.
2. **Dr.M.V.RAMESH**, “PV system powered BLDC Motor with energy storage” in the International conference on “Innovations in power, Energy and Intelligent control systems (IPEICS’19) at Vignan’s Foundation for science, Technology and research on 8<sup>th</sup> -9<sup>th</sup> August 2019.
3. **Mr. M.RAVIKUMAR** presented a paper on “Performance improvement of Solar PV Maximum Power Point Tracking using Sliding Mode Control Algorithm” in the Springer 5<sup>th</sup> International Conference on Micro-Electronics, Electromagnetics and Telecommunications held at Raghu Institute of Technology, Visakhapatnam on 6<sup>th</sup> & 7<sup>th</sup> December 2019.
4. **K.LENIN** presented a paper on “Active Power Loss Diminution by Chaotic based Adaptive Butterfly Mating Optimization algorithm” in Springer 1<sup>st</sup> International Conference on Advanced Communication and Computational Technology (ICACCT-2019) held at NIT Kurukshetra, India during 6<sup>th</sup> - 7<sup>th</sup> December 2019.
5. **K.LENIN** presented a paper on “Levy Flight based white wolf algorithm for solving optimal reactive power problem” in Springer 1<sup>st</sup> International Conference on Advanced Communication and Computational Technology (ICACCT-2019) held at NIT Kurukshetra, India during 6<sup>th</sup> - 7<sup>th</sup> December 2019.
6. **K.LENIN**, presented a paper on “Bamboo Plant Intellect Deeds Optimization Algorithm for Solving Optimal Reactive Power Problem” in 7<sup>th</sup> International Conference on Advances in Energy Research (ICAER 2019) held at IIT Bombay, Mumbai between 10<sup>th</sup> – 12<sup>th</sup> December 2019

### **RESEARCH PROJECTS APPLIED/ SANCTIONED BY UGC, AICTE AND OTHER FUNDING AGENCIES**

- Dr. **M. V.RAMESH** ,Assoc. Prof. received Rs. 60,000/- by SAGTE as seed money for a proposal titled “Design and Implementation of Multi Purpose micro controller based inverter” on 28<sup>th</sup> Nov 2019.

- Dr. P.**MUTHU KUMAR** ,Assoc. Prof. received Rs. 98,000/- by SAGTE as a seed money for a proposal titled “Flexible Multilevel DC Link Inverter by Using FPGA” on 28<sup>th</sup> Nov 2019.
- Smt. **K.BHAVANA** ,Asst. Prof. received 67,000/- by SAGTE as seed money submitted a proposal titled “Customized FPGA based control of three phase inverter” to SAGTE and sanctioned the amount of worth Rs. on 28<sup>th</sup> Nov 2019.

### **PROGRAMMES ORGANIZED:**

1. Arranged a guest lecture for II B.Tech students on “Campus Energy Management System” by Dr.Y.Pradeep Kumar, Assistant professor, IIT Hyderabad on 31<sup>st</sup> July 2019.



2. Arranged a training program for II B.Tech (S1) students on “PCB design fundamentals (Software) “ by APSSDC at simulation lab from 4<sup>th</sup>-6<sup>th</sup> September 2019.
3. Arranged a training program for II B.Tech (S2) students on “PCB design fundamentals (Software) “ by APSSDC at simulation lab from 12<sup>th</sup>-14<sup>th</sup> September 2019.
4. Arranged a guest lecture for III B.Tech students on “Power Electronics Applied to Drives” by Mr. D.Ravi Kiran, Research engineer, gajanan e slates, Hyderabad on 30<sup>th</sup> November 2019.



5. Arranged a Two day training program on “[DSA Tools Education Suite](#)” by M/s. Nayak Power Systems to the faculty members on 12<sup>th</sup> & 13<sup>th</sup> November 2019.  
Resource persons: Chaitnaya Desh pande, Sagar Indulkar- Systems Engineer.

#### **ALUMNI INTERACTION:**

1. Arranged an interactive session for IV B. Tech student on “[Preparing better for Campus Placement](#)” was organized by the EEE Alumni Cell on 17<sup>th</sup> Aug 2019.  
**Resource Person:** Ms. N. SRI VIDHYA & Ms. S. ANU PERICE,  
Assistant System Engineer, Capgemini. (2015-19 Batch Alumni)



2. Arranged an interactive session for III B.Tech students on “**Preparation for GATE Examination and Opportunities in Core Sector**” was organized by the EEE Alumni Cell on 9<sup>th</sup> Sep. 2019.

**Resource Person:** Mr. G. Gopi, Graduate Engineer Trainee, Greenko Solar Energy Pvt Ltd. (2012-16 Batch Alumni)



3. Arranged an interactive session for IV B. Tech & III B.Tech students on “**Career Guidance and Interview Skills**” was organized by the EEE Alumni Cell on 24<sup>th</sup> Dec. 2019.

**Resource Person:** Mr. V. NAGARAJA KUMAR, TCS, Chennai (2002-06 Batch Alumni)



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

1. All the faculty members attended a talk on “Developing Learning Outcomes” by Dr. N.Siva Prasad, pro vice chancellor, GITAM University, Hyderabad on 24<sup>th</sup> October 2019 at PVPSIT.
2. Mr. C.KUMAR, Mrs. K.BHAVANA, Mrs. B.LALITHA, Mr. B.BADDU NAIK, Mrs. V.S.GEETHA LAKSHMI and Mr. B.BALA SAI BABU attended a FDP on “Quality Assurance in Education through the Quality circles” at PVPSIT on 2nd November 2019 conducted by IQAC at PVPSIT.
3. Mrs. K.BHAVANA & Mrs. B.LALITHA attended a two day hands on session on “Labview and DAQ” by Mr. Sagar Kirangi, Sr. App. Engineer, VI solutions Bangalore on 15<sup>th</sup> & 16<sup>th</sup> November 2019, organized by ECE dept., PVPSIT.
4. Mrs.J.HEMALATHA attended a five day STC on ”Power Electronic Converters Operation and Control” from 2<sup>nd</sup> - 6<sup>th</sup> Dec. 2019. At IISC, Bangalore.
5. Dr. C. KUMAR attended a seminar on “Innovation and Entrepreneurship” organized by Institution Innovation Council PVPSIT on 5<sup>th</sup> Dec. 2019, Resource person: A. Ranjith.  
Kumar, Asst. Professor, MBA Dept., PVPSIT.
6. Dr.K.LENIN ,Professor attended an International Workshop “Hydrogen storage” on 9<sup>th</sup> Dec. 2019. at IIT – Bombay.

### **Supporting Staff:**

- i. The following staff members attended a two day hands on session on “Labview and DAQ” by Mr. Sagar Kirangi, Sr. App. Engineer, VI solutions Bangalore on 15<sup>th</sup> & 16<sup>th</sup> November 2019, organized by ECE dept., PVPSIT.  
Mrs. D.VJAYALAKSHMI, Mr. D.PITCHESWARARAO, Mr. V.SIVA KIRAN, Mr. D.BALAJI, Mr. B.NAGARAJU and Mr. Y.RAMAKOTI.

## **FACULTY ACHIEVEMENTS**

1. Dr. A. ANBARASON, Associate Professor delivered a talk on “Indian Energy Scenario and Importance of Renewable Energy Resources” at KS RANGASWAMY COLLEGE OF TECHNOLOGY, TIRUCHENGODE on 15<sup>th</sup> July 2019.



2. Mr. **C.KUMAR** submitted Ph.D. thesis titled “Security constrained OPF by Hybrid Algorithms in Interconnected Power Systems using FACTS devices” to JNTUA, Ananthapuramu on 30<sup>th</sup> July 2019 under the guidance of Dr. Ch.Padmanabha Raju (Supervisor) and Dr. P.Sujatha (Co-Supervisor), Professor, JNTUA.
3. Dr.**M.V.RAMESH** delivered a lecture on “Brushless DC Motors for electrical vehicles” at Sri Prakash College of Engineering, Rajupeta on 31<sup>st</sup> August 2019.
4. Dr.**M.V.RAMESH** has been elected as senior member- IEEE
5. Dr.**M.V.RAMESH** delivered a lecture on “Trends and Innovation in Electrical Engg.,” as part of AICTE sponsored STTP organized by St.Ann’s college of Engg & Technology, Chirala on 19<sup>th</sup> September 2019 .
6. The following faculty completed various NPTEL online courses during July- October 2019.

S.No.	Name of the Faculty	Course Name	Certificate Type	Duration
1	<b>V.Sai Geetha Lakshmi</b>	Advanced Linear Continuous Control Systems: Applications with MATLAB Programming and Simulink	Elite	July-Sep. 2019 (8 weeks)
2	<b>M.Devika Rani</b>	DC Microgrid	Elite	July-Sep. 2019 (8 weeks)
3	<b>Dr. A. Anbarasan</b>	Electrical Distribution System Analysis	Elite	July-Sep. 2019 (8 weeks)
4	<b>C.Kumar</b>	Electrical Machines I	Elite	July-Oct. 2019 (12 weeks)
5	<b>B Bala Saibabu</b>	Electrical Machines I	Elite	July-Oct. 2019 (12 weeks)
6	<b>Dr. M.V.Ramesh</b>	Fundamentals of Electric Drives	Elite	July-Sep. 2019 (8 weeks)
7	<b>P Seshukumar</b>	Power System Analysis	Elite	July-Oct. 2019 (12 weeks)
8	<b>V.Harika</b>	Power System Analysis	Elite	July-Oct. 2019 (12 weeks)
9	<b>Narasimha Prasad Tulasi</b>	DC Microgrid	Elite+Silver	July-Sep. 2019 (8 weeks)
10	<b>G Madhavi</b>	Power System Analysis	Elite+Silver	July-Oct. 2019 (12 weeks)
11	<b>Dr. N.Vijaya Anand</b>	Power System Analysis	Elite+Silver	July-Oct. 2019 (12 weeks)
12	<b>K.Lalitha</b>	DC Microgrid	Successfully	July-Sep. 2019

			completed	(8 weeks)
13	<b>M.Ravi Kumar</b>	Electrical Distribution System Analysis	Successfully completed	July-Sep. 2019 (8 weeks)
14	<b>B. Mohan</b>	Electrical Machines I -	Successfully completed	July-Oct. 2019 (12 weeks)
15	<b>J Hemalatha</b>	Fundamentals of Electric Drives	Successfully completed	July-Sep. 2019 (8 weeks)
16	<b>M. Seshu</b>	DC Microgrid	Elite	July-Sep. 2019 (8 weeks)
17	<b>P.Karunakar</b>	Fundamentals of Electronic Device Fabrication	Successfully completed	July-Aug. 2019 (4 weeks)
18	<b>K.Bhavana</b>	Introduction to Smart Grid	Successfully completed	July-Sep. 2019 (8 weeks)
19	<b>R.Swathi</b>	Remote Sensing and Digital Image Processing of Satellite Data	Elite	Aug.-Oct. 2019 (8 weeks)

7. Smt. **V.SAI GEETHA LAKSHMI** & Smt. **M.DEVIKA RANI** presented a paper in the International Conference on “Advances in Renewable Energy technologies” organized by Dept. of Mechanical Engineering held at VRSEC during 23<sup>rd</sup> -24<sup>th</sup> October 2019. **This paper was selected as the best paper titled: Improved version of controlling Solar system with battery for AC load using PSCAD/EMTDC.**
8. Smt. **D.RAGALEELA**, Sr. Asst. Professor, submitted Ph.D thesis titled “Coordinated Control of Flexible AC Transmission system Device for Power System Lodability Enhancement using Particle Movement Bee colony Algorithm” to JNTUK, Kakinada under the guidance of Dr. S.Sivanagaraju, Professor, JNTUK, Kakinada on 23<sup>rd</sup> November 2019.
9. Dr.**P.MUTHUKUMAR** Associate Professor received best researcher award for the year 2019 on 29<sup>th</sup> December 2019 given by Saint Martin’s Centre For Research and Accreditation Commission.

#### **FACULTY INTERACTION WITH OUTSIDE WORLD:**

1. Dr.**M.VENU GOPALA RAO**,HOD attended as examiner for M.Tech Project Viva voce examination at Vishnu Institute of Technology, Bhimavaram on 20<sup>th</sup> September 2019.
2. Dr.**A.ANBARASON** appointed as expert to conduct Ph.D Viva Voce examination by Centre for Research, Anna University Chennai.

3. Dr. **M.VENU GOPALA RAO**, HOD attended as Expert for Research Review meeting at Vignan University on 18<sup>th</sup> July 2019.
4. Dr. **N.VIJAYANAND**, Associate Professor acted as a judge for Dr.Sudha Science Quest at St.Jhon's English medium School on 30<sup>th</sup> November 2019

### **STUDENT PARTICIPATION:**

#### **1. APSSDC activities**

<b>S.No.</b>	<b>Name of the Program</b>	<b>No. of students benefited</b>	<b>Duration</b>
1	“ Basics of PLC”	20(IV B.Tech)	5 <sup>th</sup> August - 24 <sup>th</sup> August 2019
2	“Basics of Induction Motor”	103(III B.Tech)	5 <sup>th</sup> August - 7 <sup>th</sup> September 2019

2. Mr. **L.JAYA KRISHNA** (18505A0213) Team Leader along with Team members are **Mr. Sk. MANSOOR** (18505A0219) and **Mr. K.SUMANTH**(18505A0211), **Y.SATHWIK** (17501A02B9) under the mentor Smt.R.Swathi from EEE participated in the e-Yantra Idea Competition (eYIC 2019-20) conducted by IIT BOMBAY.
3. Ms. **M.PRAVALLIKA** (17501A0264), Ms. **N.SAI KALYANI** (17501A0279) and **Mr V.VENKATESH VARMA** (18505A0224) from III B.Tech & **Mr. J.SAI TEJA**(18501A0233) from II B.Tech participated in Theme Ballet by Dhanekula Institute of Engineering & Technology on 21<sup>st</sup> & 22<sup>nd</sup> December 2019.
4. Mr. **M.V.S.SURAJ**(18501A0252), **Mr. Sk.Md .YAKUB** (18505A0233) participated in FIKSU CAR and Project Expo as a part of VALIANT 2K19 at Vishnu Institute of Technology, Bhimavaram on 20<sup>th</sup> & 21<sup>st</sup> December 2019.
5. Mr. **L.JAYA KRISHNA** (18505A0213), **Mr. M.MANOJ** (18505A0214), **Mr. Sk. MANSOOR** (18505A0219) and **Mr. V.VENKATESH VARMA** (18505A0224) attended two day workshop on “AutoCAD” conducted by CANTER CADD, Hyderabad on 15<sup>th</sup> & 16<sup>th</sup> November 2019.
6. **Mr.Y.SATWIK** (17501A02B9), **Mr.GSS SANKARA RAO**(17501A0233), **Mr.D.ISAAC** (17501A0266) & **Mr.A.SAI DURGA PRASAD** (18505A0201)of III B.Tech attended Photoshop workshop conducted by student council, PVPSIT at Knowledge centre during 19<sup>th</sup> – 22<sup>nd</sup> August 2019.
7. **Mr. ABDUL KAREEM** (17505A0239) & **Mr. P. GUNASEKHAR** (17505A0233) of IV B.Tech attended one day Regional Mentoring Session on ARIIA – 2020 at University of Hyderabad on 2<sup>nd</sup> August 2019.

## EXTRA CURRICULAR ACTIVITIES:

1. Mr. **V.RAMVENKAT** (17501A02B8) and Mr. V.Vamsi Krishna (16501A0239) participated in foot ball tournament-2019 at LBRCE, Mylavaram on 28<sup>th</sup> and 29<sup>th</sup> November 2019.
2. Mr. **V. MOHAN SUBRAMANYAM** (18501A0292) of II B.Tech participated in the rally of a part of celebrations of 20 years of kargil war held at Andhra Loyala College on 26<sup>th</sup> July 2019
3. 8 students of II B.Tech participated an “Awareness program about Intershala” by **K.GNANENDRA** (18501A0258) conducted by ED cell on 1<sup>st</sup> August 2019.
4. 22 students of II, III, IV B.Tech participated in “Awareness program on startups” by Mr. S.Sree Krishna, AP start up at ECE E-class room on 6<sup>th</sup> August 2019.
5. 5 students of II,III B.Tech participated in Independence Day Parade at PVPSIT on 15<sup>th</sup> August 2019.
6. Mr.**K.RAMAKRISHNA**(18501A0265) got II prize in the event KWIZ held at CIVILZE 2K19 organized by Dept. of civil Engg., VRSEC on 6<sup>th</sup> September 2019.
7. Ms. **G.KUMUDINI LAYA** (18501A0227) ,Ms.**G.VYSHNAVI**(18501A0232) participated in Krishna district yoga competition at Indira Gandhi stadium on 16<sup>th</sup> September 2019.
8. 25 students from II, III, IV B.Tech participated in NSS Special camp in Kanuru Village during 2<sup>nd</sup> – 4<sup>th</sup> December 2019.
9. Mr.**E NARENDRA VARMA** (18501A0225) from II B.Tech NCC Cadet participated in “World Pollution Prevention Day Rally” at 7(A) Bn NCC,Andhra Loyala College,Vijayawada on 2<sup>nd</sup> December 2019.
10. 25 students from II, III, IV B.Tech participated in “Awareness program on Cybermitra” at PVPSIT,KANURU on 3<sup>rd</sup> December 2019.
11. Ms.**G KUMIDINI LAYA** (18501A0227) from II B.Tech participated in JNTUK YOGA selections-2019, JNTUK,KAKINADA during 6/12/19-7/12/19.
12. Mr. **V. MOHAN SUBRAMANYAM** (18501A0292), Ms. **T.SOUJANYA** (17501A02A8) of II & III B.Tech NCC Students participated in “Action Plan Swachha Pakhwada Plogging Rally” at 17(A) Bn NCC,Nalanda Degree College,Vijayawada on 7<sup>th</sup> December 2019.
13. Mr. **V. MOHAN SUBRAMANYAM** (18501A0292), Ms. **G. KUSUMA** (18501A0228) of II EEE and Mr. **V. RAMVENKAT** (17501A0288), Ms. K.

VINEETHA (17501A0261), Ms. **T. SOUJANYA** (17501A02A8) of III EEE participated in “Human Rights Day Rally” at 19A0 EME COY NCC,VRSEC,Vijayawada on 10<sup>th</sup> December 2019.

14. 6 students of II & III B.Tech participated in NCC Cadets take part in raising funds on the eve of “Armed Forces Flag Day” at PVPSIT ,KANURU during 11<sup>th</sup> -12<sup>th</sup> Dec. 2019.

15. Mr. **D.N.V.MAHESH**(17505A0209) III B.Tech participated in Athletic -VIVA VVIT-2020 at VVIT,NAMBURU,GUNTUR during 21<sup>th</sup> -22<sup>th</sup> December. 2019 .

16. Mr. **K.SAI ARAVIND** (19505A0216) II B.Tech participated in Volley ball -VIVA VVIT-2019 at VVIT,NAMBURU,GUNTUR during 21<sup>th</sup> -22<sup>th</sup> December. 2019 .

17. Mr. **D.PRAVEEN** (16501A0222),Mr. K.Anil kumar 17501A0208 III B.Tech participated in Volley ball -VIVA VVIT-2019 at VVIT,NAMBURU,GUNTUR during 21<sup>th</sup> -22<sup>th</sup> December 2019 .

### **STUDENT ACHIEVEMENTS:**

1. An in house competitions Technical Quiz and Circuitrix were conducted in association with ISTE student chapter of PVPSIT on the occasion of Engineers day ie. 16<sup>th</sup> September 2019. 69 students were participated in Technical quiz and 75 students were participated in circuitrix.

**Co-ordinators** : Smt. **V. SAI GEETA LAKSHMI** & Smt. **M. DEVIKA RANI**

#### **List of Prize Winners in Technical quiz**

S. No	Name of the Student	Roll Number	Year	Prize
1	V.S. Surendranath	17501A02B4	III B.Tech	I
	M.Manoj	18505A0214	III B.Tech	
	J.Sai Teja	18501A0233	II B.Tech	
2	K.Lakshmi Saisri	17501A0252	III B.Tech	II
	Y.Sathwik	17501A02B9	III B.Tech	
	M.Divya	18501A0246	II B.Tech	
3	P.Lakshmi Sahitya	17501A0282	III B.Tech	III
	R.Hema Sri	18505A0218	III B.Tech	
	N.Revanth Kumar	19505A0224	II B.Tech	

#### **List of Prize Winners in Circuitrix**

S. No	Name of the Student	Roll Number	Year	Prize
1	K. Lakshmi Saisri	17501A0252	III B.Tech	I
	M. Ravi	19505A0219	II B.Tech	
	K. Ramakrishna	18501A0265	II B.Tech	
2	V. Daniel	18501A0286	II B.Tech	II
	S. Bhavana	18501A0272	II B.Tech	
	P. Naveen Kumar	19505A0226	II B.Tech	

2. An in house competitions Poster Presentation conducted by the department in collaboration with ISTE student chapter on the eve of Energy Conservation week- 2019 on 20<sup>th</sup> December 2019 and 41 students were participated in the event.



ROLL.NO	STUDENT NAME	YEAR	TOPIC	PRIZE
17501A0291	P.Bhanu Sri	III B.Tech	Sectorial integration of energy resources	I
17501A0280	N.Harsha Sri			
18501A0242	K.Srikruthi	II B.Tech	Conservation of Energy resources	II
18501A0232	G.Vyshnavi			
18501A0223	Divya pathak	II B.Tech	Energy Conservation	III
18501A0246	M.Divya			

Judges: Dr. **P.MUTHU KUMAR**, Assoc. Prof. and Mr. **C.KUMAR**, Assoc. Prof.

Event Coordinators: Mr. **B.BADDUNAİK**, Asst. Prof. & Mrs. **G.MADHAVI**, Asst.Prof.

3. 25 students of II,III,IV B.Tech were participated in Essay writing competition on “now a day’s traditions and customs are becoming superstitious” organized by Gora science center, Nastik kendram ,Vijayawada on 26<sup>th</sup> July 2019.The following students got prizes

Mr. **K. MOHAN SHANKAR** (16501A0244) - I prize

Mr. **B. TARUN** (16501A0216) - II prize

4. The following list of students got scholarships from various organizations.

S. No	Roll Number	Name of Student	Year	Sanctioned Organization	Amount (Rs)
1	16501A0205	A.Mounika Naga Lakshmi	IV	SR Jindal Scholarship	13500
2	16501A0212	B.Lakshmi Sneha	IV	SR Jindal Scholarship	13500
3	16501A0229	G.Dolly Tejaswi	IV	SR Jindal Scholarship	13500
4	17505A0202	A.Subba Reddy	IV	SR Jindal Scholarship	13500
5	17505A0212	G.Suresh	IV	SR Jindal Scholarship	13500
6	17505A0223	K.Sadhana	IV	SR Jindal Scholarship	15300
7	17505A0219	J.Jyothi	IV	SR Jindal Scholarship	13500
8	17505A0229	N.Neelima	IV	SR Jindal Scholarship	13500
9	17501A0272	M.Pavan Kumar	III	SR Jindal Scholarship	9000
10	17501A0292	P.Anusha	III	SR Jindal Scholarship	9000
11	17501A02A0	J.Sai Teja	III	SR Jindal Scholarship	9000
12	17501A02B4	V.Sai Surendranath	III	SR Jindal Scholarship	9000
13	18505A0202	B.Haritha	III	SR Jindal Scholarship	9000
14	18501A0203	A.Maanya Krishna	II	SR Jindal Scholarship	10200
15	18501A0278	S.Vaishnavi	II	SR Jindal Scholarship	10200
16	17501A02A0	J.Sai Teja	III	Dr.YVS Murthy Scholarship	10000
17	17505A0244	T.Venkatramaiah	IV	Kapu Corporation Scholarship	7000
18	18501A0272	S.Bhavana	II	Telugu People Foundation Scholarship	20000
19	18501A0269	R.Bala Ram Tejesh	II	Kamma Vidyarthi Sahaya Sangham Scholarship	7500
20	19505A0231	S.Mounika Reddy	II	Kaktiya Anna Satra Sangham Scholarship	15000
21	16501A0236	G.Bharat Raja	IV	HDFC -ECS Scholarship	25000

### PLACEMENTS:

S.NO	ROLL.NO.	STUDENT NAME	COMPANY
1	16501A0204	Alluri Lakshmi Prathyusha	TCS
2	16501A0210	Badugu Varshini	
3	16501A0214	Bolisetti Kavya Naga Sri	
4	16501A0232	Gopisetty Venkata Vijay Kumar	
5	16501A0236	Gurrala Bharath Raja	
6	16501A0278	Sri Lekha Budigina	
7	16501A0283	Teppala Pavan Kumar	

8	17505A0225	Kundeti Naga Sri Aditya	
9	17505A0239	Shaik Abdul Kareem	
10	17505A0245	Tirumalasetti Pavan Kalyan	
11	16501A0203	Adigopula Charithasri	<b>Capgemini</b>
12	16501A0212	Bhuma Lakshmisneha	
13	16501A0229	Ghantasala Dolly Tejaswi	
14	16501A0233	Gummadi Prabhu Kiran	
15	16501A0235	Gunnam Kushwanth Kumar	
16	16501A0242	Karnati Venkata Swapna	
17	16501A0248	Maddi Praveen Kumar	
18	16501A0253	Mocherla Aakanksha	
19	16501A0270	Penubothu Jaya Sai Bhavani	
20	16501A0275	Somireddy Hemanth	
21	16501A0279	Sushma Srinivas Behara	
22	16501A0287	Ummadipolu Lakshmi Tulasi	
23	16501A0289	Vemula Venkata Anusha	
24	17505A0207	Chitturi Neeraja	
25	17505A0240	Shaik Shabbeer Basha	
26	16501A0215	Bonagiri Harsha Naga Karthik	<b>Mphasis</b>
27	16501A0262	Pakalapati Lawrence Manoj	
28	16501A0285	Thadikonda Harika Sai Vishnu Hemalatha	<b>Hexaware</b>
29	16501A0255	Myneni Divya	
30	16501A0240	Kanchinadham Srinija	<b>Efftronics</b>
31	17505A0212	Gorrela Suresh	

### **INDUSTRIAL VISITS**

1. III B.Tech (S1) students visited “M/s Vijay Electricals” on 4<sup>th</sup> September 2019.  
Accompanied Faculty Members Mr. **M.RAVI KUMAR & Mrs.J.HEMALATHA**
2. III B.Tech students (S1&S2) visited AP TRANSCO Gunadala, Vijayawada on 9<sup>th</sup> – 10<sup>th</sup> December 2019.





Accompanied Faculty Members: **MR. N.VIJAYA ANAND, MRS. J.HEMALATHA AND  
MRS.V.S.GEETHA LAKSHMI[S1]  
MRS. K.BHAVANA, MR. B.BALASAIBABU,  
MR. M.MOHAN[S2]**

**OTHERS:**

1. On the eve of **Energy Conservation week celebrations 2019**, Department in association with ISTE student Chapter organised an Orientation program at Z.P.H Schools, Awareness program for school children and solar plant visit and Poster Presentation competition on Energy Conservation.
  - i. Orientation program at Z.P.H School, Penamaluru on 16<sup>th</sup> December 2019 was organized by Faculty and Students of II.B.Tech and III B.Tech



4. Orientation program at Z.P.H.School, Nidamanuru on 17<sup>th</sup> December 2019 was organized by Faculty and Students of III B.Tech.





5. Awareness Program for school children & Solar plant Visit of Z.P.High School, Penamaluru visited our solar roof top plant , solar street lighting and solar powered vehicle on 18<sup>th</sup> – 19<sup>th</sup> December 2019.
6. Dr.N.Vijayanand, Associate Professor. acted as judge for School children of Z.P.High School. They participated in poster presentation and model presentation competition held in our college on the eve of **Energy Conservation week celebrations 2019** on 18<sup>th</sup> and 19<sup>th</sup> Dec 2019.

