

# PRAGATI ENGINEERING COLLEGE

## ELECTRICAL TIMES

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## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

### *ABOUT THE DEPARTMENT:*

The **Electrical and Electronics Engineering** Department of **Pragati Engineering College** is fully Equipped with state of art laboratories' and its faculties consists of highly experienced professors, well qualified associate professors and dynamic assistant professors with commitment to give the young minds the very best they deserve.

### *ABOUT THE DEPARTMENT:*

#### **Vision of the Institute:**

“To emerge as a Premier Institution for Technical Education in the Country through Academic Excellence and to be recognized as a Centre for Excellence in Research & Development, catering to the needs of our Country.”

#### **Mission of the Institute:**

“To realize a strong Institution by consistently maintaining State-of-art-infrastructure and building a cohesive, World Class Team and provide need based Technical Education, Research and Development through enhanced Industry Interaction.”

#### **Vision of the Department:**

“To excel in Engineering Education and Research, inculcating professional and social ethics among the students through academic excellence in the field of Electrical & Electronics Engineering.”

**Mission of the Department:**

**M1:** To impart quality Technical Education with better infrastructure for students to make them globally competent and technically strong.

**M2:** To collaborate with industries and academic institutions to enhance creativity and innovation with professional and ethical values.

**M3:** To motivate faculty and students to do impactful research on societal needs and to build team work among them.

**Program Educational Objectives (PEOs):****PEO1**

To produce graduates with a strong foundation in the Basic Sciences, Mathematics, Computing and core knowledge in Electrical and Electronics Engineering through high quality Technical Education.

**PEO2**

To prepare graduates for successful and productive engineering careers, with emphasis on technical competency and with an attention to serve the needs of core and associated sectors by developing novel products and solutions for the real-time problems in a socio-economic way.

**PEO3**

To inculcate ethical attitude, honing effective communication skills and managerial skills to work in a multidisciplinary environment as a technocrat/administrator/entrepreneur and to acquire the knowledge for pursuing advanced degrees in Engineering, Science, Management, Research and Development.

**Program Outcomes (POs):**

**1. Engineering Knowledge:** Apply the knowledge of Mathematics, Science, Engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

**2. Problem Analysis:** Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of Mathematics, Natural Sciences, and Engineering Sciences.

**3. Design/Development of Solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

**4. Conduct Investigations of Complex Problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

**5. Modern Tool Usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

**6. The Engineer and Society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

**7. Environment and Sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

**8. Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

**9. Individual and Team Work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

**10. Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

**11. Project Management and Finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

**12. Life-long Learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

### **Program Specific Outcomes (PSOs)**

#### **Engineering Students will be able to:**

**PSO1:** Apply the concepts of Power Systems, Power Electronics and utilization of Renewable Energy in implementation of interdisciplinary projects.

**PSO2:** Acquire the knowledge of Electrical and Electronics Engineering to participate in national and international competitive examinations for successful higher studies and employment.

### **ABOUT THE ELECTRICAL ASSOCIATION:**

Association of ISTE is organizing national level technical event "EXULT". The national level technical symposium has events like paper presentations, quiz competitions, project model displays and poster presentations from various engineering colleges. We have been organizing "EXULT" from last decades. Eminent personalities from various colleges and Universities are invited to act as Judges and made it a grand success.

The main aim of this symposium is to highlight the current status and emerging trends of technology in various topics towards the betterment of industrial research and IT fields. It will be a great opportunity for students to exchange their experiences through innovative ideas and make them acquired with latest technological trends.

**LIST OF FACULTY MEMBERS:**

- |                                 |                                        |
|---------------------------------|----------------------------------------|
| 1. Dr. K. Sathyanarayana        | M.Tech, Ph.D, MIE, MIEEE, MISTE, C Eng |
| 2. Dr. G.Naresh                 | M.Tech, Ph.D, MIEEE, MISTE             |
| 3. Dr. B. Rajani                | M.E, Ph.D                              |
| 4. Mrs. P. Vijaya Prasuna       | M.Tech                                 |
| 5. Mr. S. M. Shariff            | M.Tech, M.B.A, MISTE                   |
| 6. Mrs. Ch. V. V. Manga Lakshmi | M. Tech                                |
| 7. Mr. I. Murali Krishna        | M.Tech                                 |
| 8. Mr. I. Srinu                 | M.Tech                                 |
| 9. Mr. S. Ashok Reddy           | M.Tech                                 |
| 10. Ms. A. Durga Bhavani        | M.Tech                                 |
| 11. Mr. D. Krishna Chaitanya    | M.Tech                                 |
| 12. Mr. P. Krishna Chaitanya    | M.Tech                                 |
| 13. Mrs. K. Sandhya Rani        | M.Tech                                 |
| 14. Mr. M.N.V.VenkataBrahmam    | M.Tech                                 |
| 15. Mr. M. Veera Chandra Kumar  | M.Tech                                 |
| 16. Mr. G. Bhavanarayana        | M.Tech                                 |
| 17. Mr. S. V. V. S. K. Reddy    | M.Tech                                 |
| 18. Mr. B. Anil Kumar           | M.Tech                                 |
| 19. Mr. M. Mani Shankar         | M.Tech                                 |
| 20. Mrs. G. Durga Devi          | M. Tech                                |
| 21. Ms.S.Vara Lakshmi           | M.Tech                                 |
| 22. Mrs. M. Manga Lakshmi       | M. Tech                                |
| 23. Mr. B. Rajesh               | M.Tech                                 |
| 24. Mr. K. Siva sankar          | M.Tech                                 |
| 25. Mr. M. Satya Harish         | M.Tech                                 |
| 26. Mr. B.Pradeep Raj Vardhan   | M.Tech(Visiting Faculty)               |

**Faculty Publications:**

1. **Dr. K. Satyanarayana**, P.S.V.V.K. Prasanth “Performance Improvement of Two Stage Inverter based Grid connected PV power plant using state of art Controllers” published paper in International Journal of Research and Analytical Reviews, Volume 5, Issue No.4, pp.455-463, November-2018, ISSN 2349-5138.
2. **I. Murali Krishna**, V. Saivalli “New Multilevel Inverter Topology for Photovoltaic system” published paper in International Journal of Research and Analytical Reviews, Volume 5, Issue No.4, pp.334-341, Oct-Dec,2018, ISSN 2349-5138.
3. **S. M. Shariff**, J. Satya Sri “ Performance Analysis of Isolated Zeta Converter FED Switched Reluctance Motor” published paper in International Journal of Research and Analytical Reviews, Volume 5, Issue No.4, pp.326-333, Oct-Dec,2018, ISSN 2349-5138.
4. Ch. Sita Lakshmi, **Dr.G. Naresh** “Analyzing the Effect of Multi-Type Facts controllers On Grid Connected Distribution System” published paper in International Journal of Management, Technology and Engineering Volume 8, Issue VIII, August/2018 ISSN No.: 2249-7455.
5. S. Mani Sankar, **S. Ashok Reddy**, **K. Sandhya Rani** published a paper in Simulation of Hybrid Power Generation system for STANDALONE applications using Fuzzy controller International Journal of Management, Technology And Engineering Volume 8, Issue VIII, AUGUST/2018 ISSN No : 2249-7455

6. K. Siva Sankar, **Mrs. P. V. Prasuna** and **Dr. B. Rajani** “Solar Energy Based Zeta Converter fed BLDC Motor for Water Pumping System Using Fuzzy Controller” published paper in International Journal of Management, Technology and Engineering, Volume 8, Issue No.VIII, pp.1052-1062, August-2018, ISSN 2249-7455.
7. P. Kalyani, **Mr. S. M. Shariff** and **Mr. B. Anil Kumar** “A New Cascaded Multilevel Inverter Topology with Reduced Number of Switches and Sources Arranged in Matrix Structure” published paper in International Journal of Research and Analytical Reviews, Volume 5, Issue No.3, pp.952-961, July-Sept,2018, ISSN 2349-5138.
8. Kasa Leela Krishna, **Mr. I. Murali Krishna** and **Mr. M. Mani Sankar** “A Grid connected Dual Voltage Source Inverter with Power Quality Improvement Features using Fuzzy logic Controller” published paper in International Journal of Research and Analytical Reviews, Volume 5, Issue No.3, pp. 975-985, July-Sept,2018, ISSN 2349-5138.
9. S. Padmavathi, **Mrs. P. V. Prasuna**, and **Mr. S. Ashok Reddy** “Performance Improvement of DC-DC Boost Converter in Solar Wind Hybrid Power System using Fuzzy MPPT Technique” published paper in International Journal of Research and Analytical Reviews, Volume 5, Issue No.3, pp. 986-995, July-Sept,2018, ISSN 2349-5138.
10. J. Vidya Sagar, **Mr. I. Srinu**, and **Mr. M. N. V. V. Brahmam** “Luo Converter for Low Power Applications Using a Super Capacitor” published paper in International Journal of Research and Analytical Reviews, Volume 5, Issue No.3, pp. 996-1004, July-Sept,2018, ISSN 2349-5138.
11. A.Sireesha, **G. Naresh** and **S. Vara Lakshmi** “Comparison of FACTS Devices for Transient Stability Enhancement of Multi-machine Power System” published paper in International Journal of Research and Analytical Reviews, Volume 5, Issue No.3, pp. 540-551, July-Sept,2018, ISSN 2349-5138.
12. Dr. B. Rajani has published a patent on “SMART SELF-POWER GENERATING AND MOVING TRASH COLLECTOR” with Application number 201841031865 A.

### FDPs / Workshops Attended by the Faculty:

1. Mr. M. V. Chandra Kumar attended one week Faculty Development Programme on “Improving Teaching Skills in Network Analysis” Organized by Directorate of Faculty Development Centre, JNTUK during 29.10.2018 to 02.11.2018.
2. Mr. G. Bhavanarayana attended one week Faculty Development Programme on “Improving Teaching Skills in Network Analysis” Organized by Directorate of Faculty Development Centre, JNTUK during 29.10.2018 to 02.11.2018.
3. Mr. S. M. Shariff is awarded with one and half week Faculty Development Programme certificate for successfully completing the 12 weeks course on “Design of photovoltaic systems” Organized by NPTEL-AICTE Faculty Development Programme, Funded by Ministry of HRD, Govt. of India during July to October, 2018.
4. Mr. S. Ashok Reddy is awarded with one and half week Faculty Development Programme certificate for successfully completing the 12 weeks course on “Design of photovoltaic systems” Organized by NPTEL-AICTE Faculty Development Programme, Funded by Ministry of HRD, Govt. of India during July to October, 2018.
5. Mr. B. Anil Kumar is awarded with one and half week Faculty Development Programme certificate for successfully completing the 12 weeks course on “Design of photovoltaic systems” Organized by NPTEL-AICTE Faculty Development Programme, Funded by Ministry of HRD, Govt. of India during July to October, 2018.
6. Mr. G. Bhavanarayana is awarded with one and half week Faculty Development Programme certificate for successfully completing the 12 weeks course on “Introduction to Smart Grid” Organized by NPTEL-AICTE Faculty Development Programme, Funded by Ministry of HRD, Govt. of India during August to September, 2018.

7. Mr. M.N.V.Venkata Brahmam is awarded with one and half week Faculty Development Programme certificate for successfully completing the 12 weeks course on “Design of photovoltaic systems” Organized by NPTEL-AICTE Faculty Development Programme, Funded by Ministry of HRD, Govt. of India during July to October, 2018.
8. Mr. D. Krishna Chaitanya is awarded with one and half week Faculty Development Programme certificate for successfully completing the 12 weeks course on “Design of photovoltaic systems” Organized by NPTEL-AICTE Faculty Development Programme, Funded by Ministry of HRD, Govt. of India during July to October, 2018.
9. Mr. I. Murali Krishna is awarded with one and half week Faculty Development Programme certificate for successfully completing the 12 weeks course on “Design of photovoltaic systems” Organized by NPTEL-AICTE Faculty Development Programme, Funded by Ministry of HRD, Govt. of India during July to October, 2018.
10. Mr. I. Murali Krishna is awarded with one and half week Faculty Development Programme certificate for successfully completing the 12 weeks course on “Introduction to Smart Grid” Organized by NPTEL-AICTE Faculty Development Programme, Funded by Ministry of HRD, Govt. of India during August to September, 2018.
11. Mr. I. Srinu is awarded with one and half week Faculty Development Programme certificate for successfully completing the 12 weeks course on “Design of photovoltaic systems” Organized by NPTEL-AICTE Faculty Development Programme, Funded by Ministry of HRD, Govt. of India during July to October, 2018.
12. Mrs. K. Sandhya Rani is awarded with one and half week Faculty Development Programme certificate for successfully completing the 12 weeks course on “Introduction to Smart Grid” Organized by NPTEL-AICTE Faculty Development Programme, Funded by Ministry of HRD, Govt. of India during August to September, 2018.
13. Mr. M. Veera Chandra Kumar is awarded with one and half week Faculty Development Programme certificate for successfully completing the 12 weeks course on “Design of photovoltaic systems” Organized by NPTEL-AICTE Faculty Development Programme, Funded by Ministry of HRD, Govt. of India during July to October, 2018.
14. Mr. P. Krishna Chaitanya is awarded with one and half week Faculty Development Programme certificate for successfully completing the 12 weeks course on “Design of photovoltaic systems” Organized by NPTEL-AICTE Faculty Development Programme, Funded by Ministry of HRD, Govt. of India during July to October, 2018.
15. Mr. M. Veera Chandra Kumar is awarded with one and half week Faculty Development Programme certificate for successfully completing the 12 weeks course on “Design of photovoltaic systems” Organized by NPTEL-AICTE Faculty Development Programme, Funded by Ministry of HRD, Govt. of India during July to October, 2018.
16. Ms.S.Vara Lakshmi is awarded with one and half week Faculty Development Programme certificate for successfully completing the 12 weeks course on “Design of photovoltaic systems” Organized by NPTEL-AICTE Faculty Development Programme, Funded by Ministry of HRD, Govt. of India during July to October, 2018.
17. Dr. B. Rajani attended five day short term Course (STC) on “Power Electronics Applications in Power Quality. Drives and Renewable energy systems (PEAS-2018)” in the department of Electrical Engineering at National Institute of Technology Andhra Pradesh, during 21.12.2018 to 25.12.2018.
18. Mr. S. M. Shariff attended five day short term Course (STC) on “Power Electronics Applications in Power Quality. Drives and Renewable energy systems (PEAS-2018)” in the department of Electrical Engineering at National Institute of Technology Andhra Pradesh, during 21.12.2018 to 25.12.2018.
19. Mr. D. Krishna Chaitanya attended five day short term Course (STC) on “Power Electronics Applications in Power Quality. Drives and Renewable energy systems (PEAS-2018)” in the

department of Electrical Engineering at National Institute of Technology Andhra Pradesh, during 21.12.2018 to 25.12.2018.

- The following faculty attended the webinars :

S.No.	Name of the Faculty	No of webinars Attended
1.	Dr. K. Sathyanarayana	2
2.	Dr. G. Naresh	2
3.	Dr. B. Rajani	3
4.	Mrs. P. Vijaya Prasuna	2
5.	Sri. S. M. Shariff	5
6.	Sri. I. Murali Krishna	5
7.	Sri. I. Srinu	5
8.	Sri. S. Ashok Reddy	6
9.	Ms. A. Durga Bhavani	4
10.	Mr. D Krishna chaitanya	3
11.	Mr. P Krishna chaitanya	4
12.	Mrs. K. Sandhya Rani	6
13.	Mr. M.N.V.V. Brahmam	5
14.	Sri. M. Veera Chandra Kumar	2
15.	Sri. G. Bhavanarayana	5
16.	Mr. S. V. V. S. K. Reddy	4
17.	Mr. B. Anil Kumar	7
18.	Mr. M. Mani Shankar	6
19.	Ms.S.Vara Lakshmi	6
Total		82

### Faculty Participations:

S.No.	Name of the Faculty	Name of the Course	Certification type
1.	Mr. S. M. Shariff	Design of photovoltaic systems	Course Completion
2.	Mr. I. Murali Krishna	Introduction to Smart Grid	Course Completion
3.	Mr. I. Murali Krishna	Design of photovoltaic systems	Course Completion
4.	Mr. I. Srinu	Design of photovoltaic systems	Course Completion
5.	Mr. S. Ashok Reddy	Design of photovoltaic systems	Course Completion
6.	Mr. P. Krishna Chaitanya	Design of photovoltaic systems	ELITE Certificate
7.	Mr. D. Krishna Chaitanya	Design of photovoltaic systems	Course Completion
8.	Mr. M. Veera Chandra Kumar	Design of photovoltaic systems	ELITE Certificate
9.	Mr. G. Bhavanarayana	Introduction to Smart Grid	Course Completion
10.	Mr. M.N.V.Venkata Brahmam	Design of photovoltaic systems	ELITE Certificate
11.	Mrs. K. Sandhya Rani	Introduction to Smart Grid	Course Completion
12.	Mr. B. Anil Kumar	Design of photovoltaic systems	ELITE Certificate
13.	Ms.S.Vara Lakshmi	Design of photovoltaic systems	Course Completion

### PLACEMENTS:

S.NO	ROLL NO	NAME OF THE STUDENT	SELECTED COMPANY
1.	15A31A0285	Kanakala Rohith Sai Swaroop	TCS Code Vita
2.	15A31A0207	Keerthi Sri Tarani	TCS
3.	15A31A0221	Bolli Ganapathi Ramudu	
4.	15A31A02B0	Vijjana Veerendra	
5.	16A35A0206	Kontheti Sai Prakash	

6.	16A35A0209	Vankadari Praveen	
7.	16A35A0220	Kalavala Venkata Ganesh	
8.	15MD1A0249	V.Keerthi	
9.	16A35A0209	Vankadari Praveen	Scotronics
10.	15A31A0201	Adari Sri Mounika	
11.	15A31A0202	Addepalli Anala	
12.	15A31A0203	Ardani Harshita	
13.	15A31A0207	Keerthi Sri Tarani	
14.	15A31A0208	Kondra Purnima Ramya	
15.	15A31A0210	Lankapalli Sirojana Niharika	
16.	15A31A0211	Lolabhattu Jahnvi	
17.	15A31A0213	Muralasetti Anjali	
18.	15A31A0248	Sankurathri Hareen	
19.	15A31A0253	Surath Siva Kumar	
20.	15A31A0265	Kumpatla Mounika	
21.	15A31A0267	Mutyala Hima Priyanka	
22.	15A31A0268	Pirla Satya Devi Anusha	
23.	15A31A0272	Teegala Prasanna Lakshmi	
24.	15A31A0273	Tummalapalli Chandana	
25.	15A31A0275	V Satya Devi	Capgemini
26.	15A31A0284	Kalyan Goda	
27.	15A31A0285	Kanakala Rohith Sai Swaroop	
28.	15A31A0289	Kotipalli Jaya Prakash	
29.	15A31A0292	Mallareddy Uday Kumar	
30.	15A31A02A3	Sangadi Kamesh	
31.	15A31A02A6	Sivakoti Naga Vijaya Sairam	
32.	15A31A02B0	Vijjana Veerendra	
33.	16A35A0201	Simhadri Vijaya Durga	
34.	16A35A0209	Vankadari Praveen	
35.	16A35A0212	Maddala Sridevi	
36.	16A35A0214	V S Venkatalakshmi Sowmya	
37.	16A35A0217	Chodisetty Swamy Sai Kiran	
38.	16A35A0223	Namala Chaithanya Koushik	
39.	15MD1A0249	V.Keerthi	
40.	15A31A0222	Chukka Chakradhar	
41.	15A31A0225	G Bhagavan Sri Sai Kumar	
42.	15A31A0242	Pinapathruni Venkata Prasad	
43.	15A31A0247	R. V. Surya Narayana Prasanth	
44.	15A31A0255	Thota Venkatesh	Onegene
45.	15A31A02A1	Rednam Siva Narayana Rao	
46.	16A35A0215	Amaladasu Sri Raja Sekhar	
47.	16A35A0218	D. S. N. Siva Govardhan	
48.	16A35A0225	Shiek Mehboob Subani	
49.	15A31A0249	Somanchi Saravan Sarma	Multiplier Solutions
50.	15MD1A0249	V.Keerthi	Infosys
51.	15A31A0265	Kumpatla Mounika	Talentio
52.	15A31A0218	Appasani Nanda Kumar	
53.	15A31A0224	D. Srinivasa Seetharama Dattu	
54.	15A31A0236	Kuntsam Sainadh Manohar	Tripod
55.	15A31A0249	Somanchi Saravan Sarma	

### Student Achievements in various activities:

1. **K. Bindu Mounika** of 14 batch students awarded with 5 Lakh rupees as a product development fund in “DST & TI – India Innovation challenge Design Contest 2017” for the project entitled “A Self Reliant Street Lighting System” at IIM, Bangalore on 10.08.2018.



2. **G. Jyothi** of 14 batch students awarded with 5 Lakh rupees as a product development fund in “DST & TI – India Innovation challenge Design Contest 2017” for the project entitled “A Self Reliant Street Lighting System” at IIM, Bangalore on 10.08.2018.



3. **Mr.K.Kanishka Chowdary** of II EEE-A has received 1<sup>st</sup>PRIZE for poster presentation entitled with “**Generation of Electricity from lightning**”in EXULT-2K18 held at Pragati Engineering College on 14.09.2018.
4. **Mr.V.Siva Sai Phani** of II EEE-A has received 1<sup>st</sup>PRIZEfor poster presentation entitled with “**Generation of Electricity from lightning**”in EXULT-2K18 held at Pragati Engineering College on 14.09.2018.
5. **Ms.M.Vijaya Lakshmi**of II EEE-A has received 3<sup>rd</sup>PRIZE for poster presentation entitled with “**Solar Photovoltaic cell**”in EXULT-2K18 held at Pragati Engineering College on 14.09.2018.
6. **Ms.M.Srikari**of II EEE-A has received 3<sup>rd</sup>PRIZE for poster presentation entitled with “**Solar Photovoltaic cell**”in EXULT-2K18 held at Pragati Engineering College on 14.09.2018.
7. **Ms.K.Durga Bhavani**, student of III-A year EEE received 1<sup>st</sup> PRIZE in project display “**Smart dust bin**” in EXULT-2K18 held at Pragati Engineering College on 14.09.2018.
8. **Mr.P.Sri Raghavendra**, student of III-A year EEE received 1<sup>st</sup> PRIZE in project display “**Smart dust bin**” in EXULT-2K18 held at Pragati Engineering College on 14.09.2018.
9. **Mr.M.Srinivas**, student of III-A year EEE received 1<sup>st</sup> PRIZE in project display “**Smart dust bin**” in EXULT-2K18 held at Pragati Engineering College on 14.09.2018.
10. **Mr.N.Ram Kumar**, student of III-A year EEE received 1<sup>st</sup> PRIZE in project display “**Smart dust bin**” in EXULT-2K18 held at Pragati Engineering College on 14.09.2018.
11. **Mr.V.Chiranjeevi**of II EEE-A received 2<sup>nd</sup> PRIZE for Technical Quiz in EXULT-2K18 held at Pragati Engineering College on 14.09.2018.
12. **Mr.N.Jagadish Sai Kumar** of II EEE-A received 2<sup>nd</sup> PRIZE for Technical Quiz in EXULT-2K18 held at Pragati Engineering College on 14.09.2018.
13. **Mr.S.Trinadh** of II EEE-A received 2<sup>nd</sup> PRIZE for Technical Quiz in EXULT-2K18 held at Pragati Engineering College on 14.09.2018.
14. **Bolli Jagadeeswari** of III EEE-A has received 2<sup>nd</sup>prize for Paper presentation entitled with “**Li-Fi Technology**” held at VSM College Engineering on 26.09.2018 to 27.09.2018.
15. **Dangeti Monisa** of III EEE-A has received 2<sup>nd</sup>prize for Paper presentation entitled with “**Li-Fi Technology**” held at VSM College Engineering on 26.09.2018 to 27.09.2018.
16. **Mediseti Preethi** of III EEE-A has received 2<sup>nd</sup>prize for Paper presentation entitled with “**Li-Fi Technology**” held at VSM College Engineering on 26.09.2018 to 27.09.2018.
17. **M. Harish** of III EEE-A has participated in “STARTUP CHALLENGE” competition organized by AP COLLEGE CONNECT at Visakhapatnam on 22/10/2018.

18. **G. Prakasam** of III EEE-A has participated in “STARTUP CHALLENGE” competition organized by AP COLLEGE CONNECT at Visakhapatnam on 22/10/2018.
19. **P. Surya Bhaskar** of III EEE-A has participated in “STARTUP CHALLENGE” competition organized by AP COLLEGE CONNECT at Visakhapatnam on 22/10/2018.
20. **P. Enosh Peter** of III EEE-A has participated in “STARTUP CHALLENGE” competition organized by AP COLLEGE CONNECT at Visakhapatnam on 22/10/2018.
21. **G. Kishore** of III EEE-A has participated in “STARTUP CHALLENGE” competition organized by AP COLLEGE CONNECT at Visakhapatnam on 22/10/2018.
22. **P. Enosh Peter** of III EEE-A has participated and presented a project entitled with “Electrical Load Control with Bill Prediction Application” in **CHHATRA VISHWAKARMA AWARDS 2018** competition conducted by AICTE-ECI-ISTE at regional convention S.R.K.R. Engineering College Bhimavaram on 19-11-2018.
23. **P. Surya Bhaskar** of III EEE-A has participated and presented a project entitled with “Electrical Load Control with Bill Prediction Application” in **CHHATRA VISHWAKARMA AWARDS 2018** competition conducted by AICTE-ECI-ISTE at regional convention S.R.K.R. Engineering College Bhimavaram on 19-11-2018.
24. **G. Prakasam** of III EEE-A has participated and presented a project entitled with “Electrical Load Control with Bill Prediction Application” in **CHHATRA VISHWAKARMA AWARDS 2018** competition conducted by AICTE-ECI-ISTE at regional convention S.R.K.R. Engineering College Bhimavaram on 19-11-2018.
25. **M. Harish** of III EEE-A has participated and presented a project entitled with “Electrical Load Control with Bill Prediction Application” in **CHHATRA VISHWAKARMA AWARDS 2018** competition conducted by AICTE-ECI-ISTE at regional convention S.R.K.R. Engineering College Bhimavaram on 19-11-2018.
26. **G. Gowtham Sai** of III EEE-A has participated and presented a project entitled with “AGRI-DRONETECH” in **CHHATRA VISHWAKARMA AWARDS 2018** competition conducted by AICTE-ECI-ISTE at regional convention S.R.K.R. Engineering College Bhimavaram on 19-11-2018.
27. **P. Sai ganesh** of III EEE-A has participated and presented a project entitled with “AGRI-DRONETECH” in **CHHATRA VISHWAKARMA AWARDS 2018** competition conducted by AICTE-ECI-ISTE at regional convention S.R.K.R. Engineering College Bhimavaram on 19-11-2018.
28. **A.Venkata Sri** of III EEE-A has participated and presented a project entitled with “AGRI-DRONETECH” in **CHHATRA VISHWAKARMA AWARDS 2018** competition conducted by AICTE-ECI-ISTE at regional convention S.R.K.R. Engineering College Bhimavaram on 19-11-2018.
29. **P. Sai Vivek** of III EEE-A has participated and presented a project entitled with “AGRI-DRONETECH” in **CHHATRA VISHWAKARMA AWARDS 2018** competition conducted by AICTE-ECI-ISTE at regional convention S.R.K.R. Engineering College Bhimavaram on 19-11-2018.
30. **S. Siva Kumar** of IV EEE-A has participated and presented a project entitled with “Space Saver Dustbin” in **CHHATRA VISHWAKARMA AWARDS 2018** competition conducted by AICTE-ECI-ISTE at regional convention S.R.K.R. Engineering College Bhimavaram on 19-11-2018.
31. **S. Hareen** of IV EEE-A has participated and presented a project entitled with “Space Saver Dustbin” in **CHHATRA VISHWAKARMA AWARDS 2018** competition conducted by AICTE-ECI-ISTE at regional convention S.R.K.R. Engineering College Bhimavaram on 19-11-2018.
32. **D. S. S. R. Dattu** of IV EEE-A has participated and presented a project entitled with “Space Saver Dustbin” in **CHHATRA VISHWAKARMA AWARDS 2018** competition conducted

by AICTE-ECI-ISTE at regional convention S.R.K.R. Engineering College Bhimavaram on 19-11-2018.

33. **P. Swamy** of IV EEE-A has participated and presented a project entitled with “Space Saver Dustbin” in **CHHATRA VISHWAKARMA AWARDS 2018** competition conducted by AICTE-ECI-ISTE at regional convention S.R.K.R. Engineering College Bhimavaram on 19-11-2018.

### Student Paper Publications:

1. S Saravan Sarma, K.Ganesh Kumar, P.Venkat Prasad, S P V Raghu Ram and B.Chandra Kanth of IV EEE-A published paper entitled with “Performance Improvement Of Distribution System By Using Shunt Active Filter Using Space Vector Pulse Width Modulation” in Global Journal Of Engineering Science And Researches (GJESR), ISSN 2348 – 8034, Volume 5, Issue 8, August 2018, pp no. 311-321.
2. K.Sri Tarani, K.Sita and A.Anala of IV EEE-A published paper entitled with “Improvement Of Power Quality Using Unified Power Quality Conditioner For A Grid Connected PV System” in International Journal of Research and Analytical Reviews (IJRAR), ISSN 2349-5138, Volume 5, Issue 3, August 2018, pp no. 617-622.
3. B Surya Kala, A Surya satya sita Ram Kumar Raju, J Varun, John Kennedy Polinati and B Naveen Kumar of IV EEE-A published paper entitled with “Circulating Current Minimization In Low-Voltage DC Microgrid Based On Droop Control Strategy” in International Journal of Research and Analytical Reviews (IJRAR), ISSN 2349-5138, Volume 5, Issue 3, JULY – SEPT 2018, pp no. 577-582.
4. S.Hareen, S.Siva Kumar, D.S.S.R.Dattu, P.Swamy and M.Surya Chakra Babu of IV EEE-A published paper entitled with “Photo Voltaic Based Three Phase Grid Connected System Using Fuzzy Logic” in International Journal of Research and Analytical Reviews (IJRAR), ISSN 2349-5138, Volume 5, Issue 3, JULY – SEPT 2018, pp no. 764-768.
5. Ch. Sree Andal Vyshnavi, M Sri Divya and P Venkata Narendra of IV EEE-A published paper entitled with “Grid Connected Hybrid System With Multi Input Transformer Coupled Bi Directional DC DC Converter Using PID Controller” in International Journal of Management, Technology And Engineering (IJMTE), ISSN 2249-7455, Volume 8, Issue 8, AUGUST/2018, pp no. 1651-1659.
6. P.Varalakshmi, A.Harshitha, B.Ganapathi Ramudu, Ch.Chakradhar and D.Navyaraj of IV EEE-A published paper entitled with “Improvement Of Grid Power Transmission Limits Using PV-STATCOM” in International Journal of Management, Technology And Engineering (IJMTE), ISSN 2249-7455, Volume 8, Issue 8, AUGUST/2018, pp no. 1458-1465.
7. K.Sai Prakash, S.Vijaya Durga, S.Chandra Rekha, L.S.Niharika and A.Siva Vinay Bhaskar of IV EEE-A published paper entitled with “Design Of Synchronous Buck Converter With Dual Outputs MATLAB/SIMULINK” in International Journal of Research and Analytical Reviews (IJRAR), ISSN 2349-5138, Volume 5, Issue 3, JULY – SEPT 2018, pp no. 781-785.
8. K. Purnima Ramya, L. Jahnavi, K. S. A. Santhoshi, M. V. M. Swamy and K. Sai of IV EEE-A published paper entitled with “Design and Simulation for Regulation of MMC based HVDC System with Reduced DC Voltage” in International Journal of Management,

- Technology And Engineering (IJMTE), ISSN 2249-7455, Volume 8, Issue 8, AUGUST/2018, pp no. 1732-1740.
9. K. Pavan Kishore, K. Sainadh Manohar, K. Raja Naguru Babu and K. Durga Rasad of IV EEE-A published paper entitled with “Simulation Of Standalone Photo-Voltaic Hybrid System For Power Quality Improvement” in International Journal of Research and Analytical Reviews (IJRAR), ISSN 2349-5138, Volume 5, Issue 3, JULY – SEPT 2018, pp no. 881-885.
  10. A Sri Mounika, M Anjali, S Devipriya and A Nanda Kumar of IV EEE-A published paper entitled with “Experimental Investigation On A Hybrid Series Active Power Compensator To Improve Power Quality Of Typical Household” in Global Journal Of Engineering Science And Researches (GJESR), ISSN 2348 – 8034, Volume 5, Issue 8, August 2018, pp no. 359-369.
  11. V. Praveen, T. Santosh Reddy, P. Jeevan Kumar, V. Sekhar and M. Manikanta Veera Kumar of IV EEE-A published paper entitled with “Reactive Power Compensation Using Statcom Under Less Switching Losses” in International Journal of Management, Technology And Engineering (IJMTE), ISSN 2249-7455, Volume 8, Issue 8, AUGUST/2018, pp no. 165-170.
  12. G. kalyan, V. Veerendra, Ch. Saikiran, M. Venkatnarayana and S. Kalyan Srinivas of IV EEE-B published paper entitled with “Simulation of Phase-Shift Controlled Interleaved Boost Converter based on SAQR for High Step-Up Voltages Using PWM” in International Journal of Management, Technology And Engineering (IJMTE), ISSN 2249-7455, Volume 8, Issue 8, AUGUST/2018, pp no. 1641-1650.
  13. M.Himapriyanka, U.Ramyajyothi, D.Ashajyothi and S.Anitha of IV EEE-B published paper entitled with “Performance Analysis Of Cuk Converter Using Fuzzy Logic Controller” in Global Journal Of Engineering Science And Researches (GJESR), ISSN 2348 – 8034, Volume 5, Issue 8, August 2018, pp no. 420-427.
  14. K. Rohit sai swaroop, P. Sai lakshmi Santhoshi, and T. Chandana of IV EEE-B published paper entitled with “Three Port Bridge Converter for Stand-alone Power system Using PID Controller” in International Journal of Management, Technology And Engineering (IJMTE), ISSN 2249-7455, Volume 8, Issue 8, AUGUST/2018, pp no. 1978-1986.
  15. K Mounika, V Satya Devi ,K Jaya Prakash and M Uday Kumar of IV EEE-B published paper entitled with “Single And Two Stage Inverter Based Grid Connected Photovoltaic Power Plant With Ride Through Capability Under Grid Faults” in Global Journal Of Engineering Science And Researches (GJESR), ISSN 2348 – 8034, Volume 5, Issue 8, August 2018, pp no. 235-247.
  16. M Sridevi , V.S.S.V.L Sowmya , B Mahesh Raju and A Vijay Kumar of IV EEE-B published paper entitled with “Ground Fault Detection of Bipolar LVDC Grid” in International Journal of Management, Technology And Engineering (IJMTE), ISSN 2249-7455, Volume 8, Issue 8, AUGUST/2018, pp no. 1622-1628.
  17. M. Vamsi Krishna, L.T.V.Varma, Md.Waseem, M.Achyuth Kumar, and G.V.V.S.Ch.A.Vasu of IV EEE-B published paper entitled with “Simulation Of High Stepup Z-Source DC-DC Converter With Voltage Multiplier Using Coupled Inductors” in International Journal of Research and Analytical Reviews (IJRAR), ISSN 2349-5138, Volume 5, Issue 3, JULY – SEPT 2018, pp no. 891-895.
  18. T.Prasanna Lakshmi , G.Mamatha, D.S.N.S.Govardhan and M.Gayathri of IV EEE-B published paper entitled with “Dual Buck Inverter with Series Connected Diodes and Couple Inductor”

in International Journal of Management, Technology And Engineering (IJMTE), ISSN 2249-7455, Volume 8, Issue 8, AUGUST/2018, pp no. 1742-1748.

19. K.Venkata Ganesh, B.Srinivas, P.Chiranjeevi and Sk.M.Subani of IV EEE-B published paper entitled with “Fuzzy Logic Controller Based Multifunctional Grid Interfaced Solar Pv System” in Global Journal Of Engineering Science And Researches (GJESR), ISSN 2348 – 8034, Volume 5, Issue 8, August 2018, pp no. 390-401.
20. V.keerthi, G.rekha devi, N.chathurya and V.Venkaresh prasad of IV EEE-B published paper entitled with “Performance of Series Filter in a Grid Connected Doubly Fed Induction Generator System” in International Journal of Scientific Research and Reviews (IJSRR), ISSN 2279–0543, Volume 7, Issue 3, July – Sep., 2018, pp no. 1-7.
21. S. Kamesh, J. Karthik Reddy, P. Srinivas , S. Naga Vijaya Sairam and A. Raja Sekhar of IV EEE-B published paper entitled with “Dual Buck Inverter with Series Connected Diodes and Couple Inductor” in International Journal of Management, Technology And Engineering (IJMTE), ISSN 2249-7455, Volume 8, Issue 8, AUGUST/2018, pp no. 1493-1502.

### Student Participations in various activities:

S.No	Date	Venue	Name of the Event	No. of participants
1.	14.09.2018	Pragati Engineering College	<b>EXULT-2K18 (Edition-2)</b>	
			Paper Presentation	04
			Poster Presentation	04
			Project Display	20
			Technical Quiz	09
2.	26.09.2018 to 27.09.2018	VSM College Engineering	Paper Presentation	03
3.	05.10.2018 to 06.10.2018	Nannaya University	Quiz and circuit debugging at ADVIKA-2k18	04
4.	08.12.2018	Pragati Engineering College	Poster Presentation at EJIVE-2K18	02
5.	27.12.2018 to 28.12.2018	JNTUK	TECHNO-FAIR	53
6.	27.12.2018 & 28.12.2018	S.R.K.R. Engineering college	Workshop at SANKALP-2K18	10

- 10 N.C.C cadets attended lecture “Carrer Path for Engineers in Indian Army” on eve of “Parakaram Parv” on 29-09-2018.
- The following students received NPTEL certificate:

S.no	No. of students	Course Name	Certification type
1	01	Design of photovoltaic systems Introduction to Smart Grid	ELITE Certificate
2	10	Introduction to Smart Grid	Course Completion
3	85	Design of photovoltaic systems	Course Completion

- 22 students participated in workshop in Basics of PLC at JNTUK, Centre of Excellence during 09.07.2018 to 13.07.2018.
- 26 students participated in workshop in Basics of induction motors at JNTUK, Centre of Excellence during 09.07.2018 to 13.07.2018.
- 24 students participated in workshop in Basics of PLC and Basics of AC/DC Drives at JNTUK, Centre of Excellence during 16.07.2018 to 20.07.2018.
- 32 students participated in workshop in Basics of AC/DC Drives at JNTUK, Centre of Excellence during 16.07.2018 to 20.07.2018.
- 24 students participated in workshop in Basics of AC/DC Drives at JNTUK, Centre of Excellence during 20.08.2018 to 25.08.2018.
- 24 students participated in workshop in Basics of PLC at JNTUK, Centre of Excellence during 20.08.2018 to 25.08.2018.
- 24 students participated in workshop in Basics of Induction Motors at JNTUK, Centre of Excellence during 20.08.2018 to 25.08.2018.
- 24 students participated in workshop in Basics of Induction Motors at JNTUK, Centre of Excellence during 04.09.2018 to 07.09.2018.
- 24 students participated in workshop in Basics of Induction Motors at JNTUK, Centre of Excellence during 03-12-2018 to 07-12-2018.

### List of Students Attended For Industrial Internship/Training:

S.no	Roll no.	Name of the	Year &	Name of the Industry	Duration
1	16A31A0201	Pulugu Nancy Rachel	III EEE-A	NTPC Simhadri Super Thermal power Station	28.08.2018 to 08.09.2018
2	16A31A0202	Y. Yogithachowdary			
3	16A31A0211	Devunuri Sophia			
4	16A31A0212	Gampala Sandhya Rani			
5	16A31A0213	Indraganti Jahnvi			
6	17A35A0205	Bongu Surendra Rao	III EEE-A	APTRANSCO 220/132 KV Substation, Achampeta	21.08.2018 to 02.09.2018
7	17A35A0206	Erugula Prasanth			
8	17A35A0209	M.Harish			
9	16A31A0217	Adapa Vinil Sai			
10	16A31A0228	Gunnabathula Kishore	III EEE-A	Manihamsa Power plant, Yelleswaram	28.08.2018 to 01.09.2018
11	16A31A0203	Addanki Ramya			
12	16A31A0204	Appanapalli Sai Jyothi			
13	16A31A0207	Bolli Jagadeeswari			
14	16A31A0210	Dangeti Monisa			
15	16A31A0215	Palavalasa Chandrika	III EEE-A	APTRANSCO 132/11 KV	28.08.2018 to
16	16A31A0205	Bathula Roopasri			
17	16A31A0217	Adapa Vinil Sai	III EEE-A	Vizag Steel Plant	19/11/2018 to 02/12/2018
18	16A31A0221	Bathula Vijay Kumar			
19	16A31A0226	Gopi Maneswara Rao			
20	16A31A0229	Isukapalli Prabath			
21	16A31A0255	Yepuri Rushi Pavan			
22	16A31A0222	Bokka Satya Satwik			
23	16A31A0223	Bollam Siva Kumar	III EEE-A	Vizag Steel Plant	19/11/2018 to 02/12/2018
24	16A31A0232	Kesavarapu Naveen			
25	16A31A0238	Mohammed Aswer			
26	16A31A0247	Pidaparathi Sai Vivek			
27	16A31A0243	Nukathattu Vinod	III EEE-A	Vizag Steel Plant	19/11/2018 to

28	16A31A0244	Pappula Chandra Naga			02/12/2018
29	16A31A0245	Peddada Sai Ganesh			
30	16A31A0252	Vasamsetti			
31	17A35A0214	Reddy Suresh Kumar			
32	16A31A0218	Allu Sai Venkatasri	III EEE-A	Vizag Steel Plant	19/11/2018 to 02/12/2018
33	16A31A0231	Kanuri Ramakrishna			
34	16A31A0239	N Pavan Teja			
35	16A31A0251	Talari Stripavan			
36	17A35A0213	Reddi Siva Sai Teja			
37	15A31A0276	A. Vijay kumar	IV-EEE-B	NFCL ,Kakinada	19/11/2018 to 02/12/2018
38	15A31A0281	K Sai Vinay			
39	15A31A02A2	A.S.S.Sitaram Kumar			
40	16A35A0225	S.Mehboob Subani			

### EVENTS:

The Department of Electrical and Electronics Engineering of this college organized a One-day **National Level Technical Symposium “Exult-2k18 Under STRIDES”** on 14<sup>th</sup> September, 2018. This event was inaugurated by the Chief Guest, **Sri U. R. V. Ramana Rao, Power Grid Corporation India Limited, Chief Manager**. The Chief Guest emphasized the different sources for energy generation, importance of renewable energy and opportunities offered for electrical engineers in present scenario.

**Dr. P. Krishna Rao**, Chairman, Pragati Engineering College Participated in this Programme. Speaking on this occasion he stated that the college has been taking all the necessary steps to mould students as future industrialists besides imparting technical education. He advised the students to progress in their life by utilizing the Opportunities and infrastructure provided in the institution, motivated the electrical engineers towards innovation of latest technology for global needs.

**Dr. S. Sambhu Prasad**, Principal of the College emphasized that EXULT-2K18 is an opportunity for Electrical students to explore their innovative ideas and make them acquainted with latest technological trends and motivated the students regarding Entrepreneurship. He extended his wishes for making event successful.

**Dr. K. Sathyanarayana**, Vice-Principal & HOD-EEE, addressed that this Symposium will provide a good exposure to the students to interact with outside world and briefed about the achievements of the department.

**Dr.G.Naresh**, Dean-Administration, Pragati Engineering College highlighted the current status & the emerging trends of the technology in various topics towards the betterment of R & D & Industrial needs.

Dr. K. Sathyanarayana, Vice-Principal & HOD-EEE, who played a pivotal role in organizing this programme said that about 378 Entries were Presented in various events like paper Presentation, Poster Presentation, Project Presentation and Technical Quiz, Out of which 25 Paper Presentations, 68 Poster Presentations, 25 Project Presentations and 30 Technical Quiz teams were selected in the final round from various colleges like JNTUK, VASAVI, SRKR, and other colleges. To provide exposure on the emerging trend with solar energy, Solar Expo is introduced in the EXULT-2K18.

“EXULT-2K18” Souvenir was released by the Chief guests Sri. U.R.V Ramana Rao , Dr. P. Krishna Rao , Dr. S. Sambhu Prasad. Dr. D. Ravi Kishore, Professor & HOD, GIET engineering College, Dr. K.Venkata Reddy, Associate Professor in JNTUK were the judges for

final presentation. Mr. Krishna Mahesh Kumar, Engineer, Power Grid Corporation of India Ltd., Surampalem is the special invitee of this event.

Spot events like Circuit Tracing, buzz wire correction, Spot the bulb and word rush were also conducted.

Sri M. V. Harnath Babu, Director (Mgmt), Sri. M. Satish, Vice-President Dr.G.Raghu Ram, Director, Dr. G. Naresh, Dean-Administration, Sri. B Subhan Ramji Convenor of STRIDES, Staff, Participants and students were present at the Prize distribution function.

Finally the valedictory function was conducted at 3.30 P.M. First and second prize winners are awarded with cash prizes and certificates.







### **INDUSTRIAL VISITS:**

#### ➤ **Peddapuram 132/33 KV Sub-Station**

II year students of 2017 admitted batch Peddapuram 132/33 KV Sub-Station on 4th July, 2018. 58 students of II B. Tech I sem EEE-A accompanied with two Assistant Professors of EEE Department Mr. M. V. Chandra kumar and Mrs. K. Sandhya rani. 59 students of II B. Tech I sem EEE-B accompanied with two Assistant Professors of EEE Department Mr. D. Krishna Chaitanya and Ms. A. Durga Bhavani. The two Assistant Engineers explained the details of Equipments and functioning in the plant.



➤ **APGENCO Jegurupadu 216 MW Combined Cycle Power Plant (Godavari Gas Power Plant)**  
 III year students of 2016 admitted batch APGENCO Jegurupadu 216 MW Combined Cycle Power Plant (Godavari Gas Power Plant) 27<sup>th</sup> July, 2018 & 9<sup>th</sup> August, 2018. 65 students of III B. Tech I sem EEE-A visited on 27<sup>th</sup> July, 2018 accompanied with two Assistant Professors of EEE Department **Mr. S. Ashokreddy**, **Ms. S. Vara lakshmi**.

65 students of III B. Tech I sem EEE-B visited on 9<sup>th</sup> August, 2018 accompanied with two Assistant Professors **Mr. S. Ashokreddy** and **Mrs. K. Sandhyarani** of EEE Department. **Sri. M. S. V. Subrahmanyam**, the Project manager of the Godavari Gas Power Plant, **Sri. Dr. Sai Baba** Divisional Engineer and provided two Assistant Engineers explained the details of Equipments and functioning in the plant.



➤ **Power Grid Corporation of India Limited (POWERGRID)765/400KV gas insulated SubStation**

IV year students of 2015 admitted batch Power Grid Corporation of India Limited (POWERGRID)765/400KV gas insulated SubStation, Surampalem on 18/09/2018. 60 students of IV B. Tech I sem EEE-A accompanied with three Assistant Professors of EEE Department Mr. S. Ashok Reddy, Mr. I. Murali Krishna and Ms. S. Varalakshmi. 60 students of IV B. Tech I sem EEE-B accompanied with three Assistant Professors of EEE Department Mr.I. Srinu, Mr. S.V.V.S. Krishna Reddy and Ms. A.Durga Bhavani. The two Assistant Engineers explained the details of Equipments and functioning in the plant.



➤ **INTERNATIONAL CIVIL AVIATION DAY**

International Civil Aviation Day was celebrated by EEE Department on the occasion of, on 7th December, 2018. On this occasion to create awareness on promoting the safety, efficiency and regularity of international air transport, debate was conducted among the students of EEE Department on topic “**Human factors in Aviation**”. This event was conducted in association with Electrical Engineering Association of EEE Department. This event was coordinated by Ms.S.Varalakshmi, Asst.Prof, EEE Dept., conducted in room no : G9 at 12.30 p.m. The following winners of the debate are awarded with prizes.

- 1) B.Priyanka (17A31A0201) –II EEE A
- 2) T. Kiran teja (17A31A0251) –II EEE A
- 3) P. S. R. Sai Hanvesh (18A35A0212) –II EEE A



➤ **NATIONAL ENERGY CONSERVATION DAY :**

National energy conservation day was celebrated by EEE & MECH Departments on 14th December, 2018. On this occasion to create awareness and promoting the saving and need of different energies, poster presentation, paper presentation and drawing were conducted among the students of EEE & MECH Departments on topic “**ENERGY CONSERVATION**”. This event was conducted in association with Electrical Engineering Association of EEE Department and MECH Department. This event was coordinated by Ms.S.Varalakshmi, Asst.Prof, EEE Dept., and Mr.K.S.Varaprasad, Asst.Prof, MECH Dept., conducted in room no : MF10 at 10:00AM to 12.30 p.m. The following winners are awarded with prizes.

Events and winners from EEE Dept.,:

- 1<sup>st</sup> prize Poster presentation - Manaswi (17A31A0275)  
 2<sup>nd</sup> prize PPT - Sam moles sastry (17A31A0298)

### GUEST LECTURES:

Department of Electrical & Electronics Engineering, Pragati Engineering College organized a guest lecture on “Importance of Geographic Information Systems in Electrical Utilities” by Sri. Raviteja Viswanadha, Senior Technical Lead, Cyient Inc ,USA Alumnus of Pragati Engineering College Surampalem under the programme “Interaction with Alumni”. The programme was organized in Seminar hall-II on 21/12/2018 for 170 students of II & III Year EEE Section –A & B.



### EDITORIAL BOARD COMMITTEE:

#### Staff

1. Dr. K. Sathyanarayana, Professor - H.O.D
2. Mr.M.N.V.V.Brahmmam, Assistant Professor

#### Students:

- P.SaiGanesh (III EEE-245)  
 K.Durga Bhavani(III EEE-260)  
 M. Sai Srikari (II EEE-211)  
 G. Vijay Kumar (II EEE-283)