

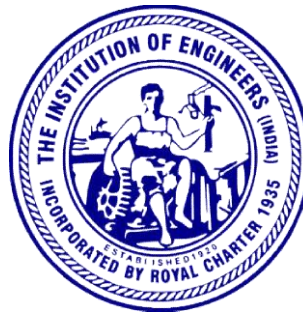
PRAGATI ENGINEERING COLLEGE

ELECTRICAL

TIMES

VOLUME # 26

July to December 2019



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ABOUT THE DEPARTMENT:

The **Electrical and Electronics Engineering** Department of **Pragati Engineering College** is Equipped with state of art laboratories' and its faculties consists of highly experienced fully 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 IEI 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, MIEEEE, MISTE, C Eng
2. Dr. G.Naresh	M.Tech, Ph.D, MIEEEE, MISTE
3. Dr. R.Satish kumar	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. Mr. D. Krishna Chaitanya	M.Tech
11. Mr. P. Krishna Chaitanya	M.Tech
12. Mr. M.N.V.VenkataBrahmam	M.Tech
13. Mrs. K. Sandhya Rani	M.Tech
14. Mr. M. Veera Chandra Kumar	M.Tech
15. Mr. G. Bhavanarayana	M.Tech
16. Mr. M. Mani Shankar	M.Tech
17. Ms.S.Vara Lakshmi	M.Tech
18. Mr. K.Siva Shankar	M.Tech
19. Mr.B.Rajesh	M.Tech
20. Mrs. M. Manga Lakshmi	M.Tech
21. Mrs. G. Durga Devi	M.Tech
22. Mrs.V.R.G.S.Sai valli	M.Tech
23. Mr. M.Sundar Teja	M.Tech
24. Mr. Ch.Pavan kumar	M.Tech
25. Mr. M.Satya Harish	M.Tech
26. Mr.B.Rathan kumar	M.Tech
27. Mr.S.V.V.S.K.Reddy	M.Tech
28. Mr.B.Anil kumar	M.Tech
29. Ms. S.Sravani	M.Tech
30. Mr.B.Prdeep Raj Vardhan	M.Tech(Visiting Faculty)

Faculty Publications:**PAPER PUBLICATIONS:**

- 1) **Dr. R.Satish kumar** published a paper entitled with “Quasi Z-Source Inverter for PV Power Generation Systems” in International Journal of Innovative Technology and Exploring Engineering (IJITEE)ISSN: 2278-3075,Volume-9 Issue-2, December2019
- 2) **Dr. K.Satyanarayana, Mr.G.Bhavanarayana** published a paper entitled with “Performance Improvement of Sensorless vector controlled Induction motor Drive for medium power Applications” in International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249-8958,Volume-9 Issue-2, December2019

FDPs / Workshops Attended by the Faculty:

1. Mr. S.Syam kumar attended one week Faculty Development Programme awarded with certificate on “Basics of AC& DC Drives” Organized by Directorate of Faculty Development Centre, JNTUK during 01.07.2019 to 06.07.2019.
2. Mrs.V.R.Sai valli attended one week Faculty Development Programme awarded with certificate on “Basics of AC& DC Drives” Organized by Directorate of Faculty Development Centre, JNTUK during 01.07.2019 to 06.07.2019.
3. Mr.M.Mani Shankar is awarded with one week Faculty Development Programme certificate for successfully completing the 8 weeks course on “Introduction to smart Grid” Organized by NPTEL-AICTE Faculty Development Programme, Funded by Ministry of HRD, Govt. of India during July to september, 2019
4. Mr.B.Rajesh is awarded with one week Faculty Development Programme certificate for successfully completing the 8 weeks course on “Introduction to smart Grid” Organized by NPTEL-AICTE Faculty Development Programme, Funded by Ministry of HRD, Govt. of India during July to september, 2019
5. Mrs.V.R.V.S.Sai valli is awarded with one and half week Faculty Development Programme certificate for successfully completing the 12 weeks course on “Internet of Things” Organized by NPTEL-AICTE Faculty Development Programme, Funded by Ministry of HRD, Govt. of India during July to November, 2019

➤ **The following faculty attended the webinars :**

S.No.	Name of the Faculty	No of webinars Attended
1.	Dr. K. Sathyanarayana	1
2.	Dr. G. Naresh	1
3.	Dr. R.Satish kumar	1
4.	Sri. S. M. Shariff	3
5.	Mrs.P.V.Prasuna	2
6.	Sri. I. Murali Krishna	5
7.	Sri. I. Srinu	5
8.	Mr. S.Ashokreddy	3
9.	Mr. D Krishna chaitanya	4
10.	Mr. P Krishna chaitanya	3
11.	Mrs. K. Sandhya Rani	4
12.	Mr. M.N.V.V. Brahmam	5
13.	Sri. M. Veera Chandra Kumar	4
14.	Sri. G. Bhavanarayana	3
15.	Mr. S. V. V. S. K. Reddy	2
16.	Mr. B. Anil Kumar	2
17.	Mr. M. Mani Shankar	6
18.	Ms.S.Vara Lakshmi	5
19.	Mr. K.Sivasankar	5
20.	Mr.S.Syam kumar	2
21.	Mr. B.Rajesh	4
22.	Mrs.V.R.V.S.Sai Valli	4
23.	Mrs.G.Durga devi	3
24.	Mrs.Ch.V.V Mangalakshmi	3
25.	Mrs.M.Mangalakshmi	3
26.	Mr.M.Satya harish	3
27.	Mr. Ch.Pavan kumar	1
Total		87

PLACEMENTS:

S.NO	ROLL NO	NAME OF THE STUDENT	SELECTED COMPANY
1.	16A31A0218	Allu Sai Venkatasri	
2.	16A31A0225	Gadde Gowtham Sai	TCS
3.	16A31A0227	Gunda prakasam	
4.	16A31A0245	Peddada Saiganesh	
5.	16A31A0247	Pidaparathi Sai Vivek	
6.	16A31A0269	Vasamsetti Supraja	
7.	16A31A0298	Nimushakavi Ram Kumar	
8.	16A31A0201	Pulugu Nancy Rachel	
9.	16A31A0207	Bolli Jagadeeswari	
10.	16A31A0210	Dangeti Monisa	
11.	16A31A0211	Devunuri Sophia	
12.	16A31A0213	Indraganti Jahnvi Rishika	
13.	16A31A0214	Mediseti Preethi	
14.	16A31A0218	Allu Sai Venkatasri	
15.	16A31A0221	Bathula Vijay Kumar	
16.	16A31A0223	Bollam Siva Kumar	
17.	16A31A0225	Gadde Gowtham Sai	
18.	16A31A0228	Gunnabathula Kishore	
19.	16A31A0233	Kotha Santosh	
20.	16A31A0251	Talari Sripavan	
21.	16A31A0256	Pujitha Sumitra Sindhu Ayyagari	
22.	16A31A0259	Kapaganti Ratna Harika	
23.	16A31A0263	p. v. manikya ganga bhavani	
24.	16A31A0266	Pirla Amulya	
25.	16A31A0267	Pyla Mounika Priya	
26.	16A31A0269	Vasamsetti Supraja	
27.	16A31A0270	Vithanala Sai Durga	
28.	16A31A0271	Yelisetti Ramya Vanaja	
29.	16A31A0274	Akella S Y V G P S Aditya Karthik	
30.	16A31A0276	Atti Ram Sai Charan	
31.	16A31A0279	Buradakavi Satya Sai Praveen	
32.	16A31A0287	Gunnapaneni Srinivas	
33.	16A31A0291	Korada sai rakesh	
34.	16A31A0299	O.Vishnu Chakra Datta	
35.	16A31A02A5	Sana Siva Ram	
36.	16A31A02A8	tatavarthi chiranjeevi bhanu teja	
37.	17A35A0201	Paila Sai Annapurna	
38.	17A35A0202	Pampana Sri Chandra Lekha	
39.	17A35A0203	s.j.l.n.sai keerthana	
40.	16A31A0232	kesavarapu naveen	UNCEASE
41.	16A31A0244	p. chandra naga prasad	
42.	17A35A0206	erugula prasanth	
43.	17A35A0212	pasupuleti enosh peter	CTS
44.	16A31A0205	bathula roopasri	
45.	16A31A0261	mulaparathi haritha	Cap Electric
46.	16A31A0202	yeleti yogithachowdary	
47.	16A31A0209	cheekatla sree laxmi	
48.	16A31A0212	gampala sandhya rani	

49.	16A31A0255	yepuri rushi pavan	
50.	16A31A0262	mungi vijaya durga	
51.	16A31A0265	p dhana lakshmi	
52.	16A31A02A4	s v shiva ram rampalli	
53.	17A35A0213	reddi sivasaitaja	
54.	17A35A0223	kondapu ravi ganesh	
55.	17A35A0225	pendem ram prasad	
56.	16A31A0211	n ch v narasimha murthy	
57.	16A31A0213	reddi sivasaitaja	WIPRO
58.	17A35A0205	B Surendra Rao	WOOSU automotive India pvt Ltd
59.	17A35A0209	Mallula Harish	ONEGENE
60.	16A31A0229	iprabath chowdary	
61.	16A31A0236	mogal sahil	
62.	16A31A0237	mohammad sajidabbas	
63.	17A35A0204	adireddi krishna chaitanya	

Student Achievements in various activities:

❖ Meritorious student for “PRATIBHA AWARDS 2018-19”

Mr. V.Praveen (16A35A0209), 2019 passed out student of EEE department has secured pratibha award 2018-19 with an aggregate of 92.2% by JNTUK, Kakinada from state government of Andhra Pradesh.



❖ K.Satyanukesh (18A31A0233) and M.B.S.S.Sundar (18A31A0296) of II EEE have received 2nd prize for PPT on topic of Light Harvesting from Vasavi college of engineering, West Godavari Dist., Tadepalligudem, Andhra Pradesh 534101 on 20.09.2019.



GUEST LECTURES:

❖ **1)** The Institution Of Engineers (India) students Chapter of EEE department has conducted guest lecture on the eve of Sri Rajendra Mookerjee (1st Indian President of Institution of Engineers India) Birthday with title “Single Line Diagram of 400 KV Substation” on 23-06-2019. The guest lecture was inaugurated by Dr.K.Satyanarayana (Honorary Adviser Students Chapter, HOD- EEE) in presence of resource person Sri B.Pradeep Raja Vardhan ,Assistant Manager (Electrical),Reliance JIO Infocom, SriM.Satish (VicePresident), Dr.S.Sambhu Prasad (Principal). A total of 105 students participated from 2nd year including the student chapter members.



- ❖ **2)** The Institution Of Engineers (India) students Chapter of EEE department has conducted guest lecture on the memory of Sri Prof CS JHA (President of Institution of Engineers India) with title “Energy Efficient Motor ”on 01-07-2019. The guest lecture was inaugurated by Dr.G.Naresh (Dean Administration & Professor E.E.E) in presence of resource person Sri B.Pradeep Raja Vardhan ,Assistant Manager (Electrical),Reliance JIO Infocom,Dr K.Satyanarayana(Honorary Adviser Students Chapter, HOD- EEE), SriM.Satish (Vice President), Dr.S.Sambhu Prasad (Principal). A total of 120 students participated from 3rd year including the student chapter members.



- ❖ **3)** The Institution Of Engineers (India) students Chapter of EEE department has conducted guest lecture on the birthday of Dr.K.L.Rao (Eminent Engineer) with title “Selection of motor in Industrial Drives ”on 15-07-2019. The guest lecture was inaugurated by Dr.G.Naresh (Dean Administration & Professor E.E.E) in presence of resource person Dr.V.Ravindra(Professor ,E.E.E,JNTUK UCE),Dr K.Satyanarayana(Honorary Adviser Students Chapter, HOD- EEE), Sri M.Satish (Vice President), Dr.S.Sambhu Prasad (Principal). A total of 110 students participated from 2nd year including the student chapter members.



- ❖ **4)** The Institution Of Engineers (India) students Chapter of EEE department has conducted guest lecture with title “Power Electronics Challenges,Trends”on 03-08-2019. The guest lecture was inaugurated by Dr K.Satyanarayana(Honorary Adviser Students Chapter, HOD- EEE) in presence of resource person Dr.Sriram Srinivas,(Professor,E.E.E Department,IIT Madras,Chennai,) Dr.G.Naresh (Dean Administration & Professor, E.E.E), SriM.Satish (Vice President), Dr.S.Sambhu Prasad (Principal).A total of 130 students participated from 3rd year including the student chapter members.



❖ **5) Guest lecture on PID Controller Design & Role of Automation in Industry**

Department of Electrical & Electronics Engineering under The Institution of Engineers (India) Student Chapter is organized a Guest lecture on “**PID Controller Design & Role of Automation in Industry**” by Sri

S. V. V. S. Uday Kiran Reddy, Post Graduate Engineer Trainee, Renault Nissan Technology and Business Centre India (RNTBCI), Chennai and Alumnus of Pragati Engineering College under the programme “**Interaction with Industry Personnel**”. The programme was arranged in Seminar Hall-II of the college on 23/12/2019. The programme started with a prayer song at 10:30 A.M.

Dr.K.Satyanarayana, Professor and Head of the Department of EEE briefed about the various activities of the College and how the faculty, staff and management are putting their efforts in reducing the gap between the Industrial needs and Academics, later he emphasized the importance of Automation in Industry, controller designs and urged students of EEE background to utilize this opportunity. Then initiated his lecture with importance of PID Controller Design & Role of Automation in Industry

- Motives behind the lecture
- Basic Functions of Factory
- Architecture of Industrial Automation Systems
- Technologies Involved at Different Levels
- Holistic System Functioning
- Objectives of Automatic Control Systems
- P-I-D Controller Design
- Constraints while designing a P-I-D Controller
- Integral Anti windup
- Challenge with the D Controller
- P I D tuning Guide



Finally He interacted with the students and clarified their doubts about weightage of EEE core subjects for various Competitive Examinations. The lecture has proven to be very inspiring and informative for the students. The programme ended with vote of thanks by Ms.P.Sruthi from II EEE A Section at 1:00 P.M.

About 180 students of II & III Year EEE Section –A & B, Teaching and Non-teaching Staff of EEE department were attended the programme.

Faculty Participations:

One week Faculty development programme on Recent Trends in Power Electronics Applications in Smart Grid, Electric Vehicles and Renewable Energy (26.8.2019 to 31.8.2019) This Faculty development programme was organized by Dr.K.Satyanarayana, HOD & Vice principal of EEE; introduces fundamental theory, recent developments, applications and research outcomes addressing the related theoretical and practical aspects on "Recent Trends in Power Electronics Applications in Smart Grid, Electric Vehicles and Renewable Energy".

Major Course Contents

- ❖ Recent trends in power Electronics & sustainable energy
- ❖ Renewable energy sources and its interconnection to Power Grid
- ❖ Power Electronics Application in Smart Grid
- ❖ Energy storage systems and Micro-grids
- ❖ Control of Grid connected Power Electronic System with Real-time controllers
- ❖ Efficient Home Appliances and Power Quality
- ❖ Electric Vehicles and smart urban Transportation

In this FDP 42 members have participated, out of whom 13 were external participants (all over India) and 29 are from Pragati Engineering College. Participants included Research Scholars & Academicians form varied background. While designing the structure of the programme it was kept in mind that there are going to be people from different background, so that's why emphasis was given on research methodology as a whole not pertaining to one single field so that maximum can be benefitted out of it. Two high tea (Morning & Evening) breaks and working lunch was provided to participants daily and one kit was issued to each participant at the time of the registration.

LIST OF SPEAKERS

- 1) Prof S.Srinivasa Rao, Professor & Head, Department of Electrical Engineering, NIT Warangal.
- 2) Dr. D. Sreenivasa Rao, Asst. Professor, Department of Electrical Engineering, NIT Warangal.
- 3) Dr. G. Siva Kumar, Asst. Professor, Department of Electrical Engineering, NIT Warangal.
- 4) Dr. Gugeswaran Subramaniam, System Validation Engineer at Intel, Bangalore
- 5) Dr. V. T. Somasekhar, Professor, Department of Electrical Engineering, NIT Warangal.
- 6) Dr. K.Siva Kumar, Assoc. Professor, Department of Electrical Engineering, IIT Hyderabad.



LIST OF PARTICIPANTS

S No	Name	Designation	College name in Full with Place
1.	Dr. G. Naresh	Professor	Pragati Engineering College, Surampalem
2.	Mr. S.M. Shariff	Assistant Professor	Pragati Engineering College, Surampalem
3.	Mr. I. Murali Krishna	Assistant Professor	Pragati Engineering College, Surampalem
4.	Mr. Srinu Injeti	Assistant Professor	Pragati Engineering College, Surampalem
5.	Mr. S. Ashok Reddy	Assistant Professor	Pragati Engineering College, Surampalem
6.	Mr. D. Krishna Chaitanya	Assistant Professor	Pragati Engineering College, Surampalem
7.	Mr. P. Krishna Chaitanya	Assistant Professor	Pragati Engineering College, Surampalem
8.	Mrs. K. Sandhya Rani	Assistant Professor	Pragati Engineering College, Surampalem
9.	Mr. M.N.V. V.Brahmmam	Assistant Professor	Pragati Engineering College, Surampalem
10.	Mr. M.V. Chandra Kumar	Assistant Professor	Pragati Engineering College, Surampalem
11.	Mr. G. Bhavanarayana	Assistant Professor	Pragati Engineering College, Surampalem
12.	Mr. S.V.V.S.K. Reddy	Assistant Professor	Pragati Engineering College, Surampalem
13.	Mr. B. Anil Kumar	Assistant Professor	Pragati Engineering College, Surampalem
14.	Mr. M. Mani Shankar	Assistant Professor	Pragati Engineering College, Surampalem
15.	Ms. S. Varalakshmi	Assistant Professor	Pragati Engineering College, Surampalem
16.	Mr. K. Siva Sankar	Assistant Professor	Pragati Engineering College, Surampalem
17.	Mr. S. Syam Kumar	Assistant Professor	Pragati Engineering College, Surampalem
18.	Mr. B. Rajesh	Assistant Professor	Pragati Engineering College, Surampalem
19.	Mrs. V. R. V. S. Sai Valli	Assistant Professor	Pragati Engineering College, Surampalem
20.	Mrs. G. Durga Devi	Assistant Professor	Pragati Engineering College, Surampalem
21.	Mrs. Ch.V.V. M Lakshmi	Assistant Professor	Pragati Engineering College, Surampalem
22.	Dr. S. Suresh	Associate Professor	Pragati Engineering College, Surampalem
23.	Mr. M. Raja Kumar	Associate Professor	Pragati Engineering College, Surampalem
24.	Mr. P.Raj Shekhar Phaneendra	Associate Professor	Pragati Engineering College, Surampalem
25.	Mr. P. Satyanarayana	Assistant Professor	Pragati Engineering College, Surampalem
26.	Mrs. P Sravani	Assistant Professor	Pragati Engineering College, Surampalem
27.	Mrs. S. Bhargavi	Assistant Professor	Pragati Engineering College, Surampalem
28.	Mr. S. Srikanth	Assistant Professor	Pragati Engineering College, Surampalem
29.	Mr. G.S.V. Brahmaji Rao	Assistant Professor	Pragati Engineering College, Surampalem
30.	Mr. G. Ashok	Assistant Professor	Aditya Institute of Technology and Management, Tekkali
31.	Mr. T. Manmadha Rao	Assistant Professor	Aditya Institute of Technology and Management, Tekkali
32.	Mr. V. Ramakrishna	Assistant Professor	Sasi Institute of Technology & Engineering, Tadepalligudem
33.	Mr. V.L.N. Sastry	Assistant Professor	Sasi Institute of Technology & Engineering, Tadepalligudem
34.	Dr. K. Bapayya Naidu	Assistant Professor	Aditya College of Engineering
35.	Mr. K. Venkateswara Rao	Assistant Professor	Ideal Institute of Technology, Kakinada
36.	Mr. D. Madhu	Assistant Professor	Ideal Institute of Technology, Kakinada
37.	Mr. B. Subrahmanyam	Assistant Professor	Swarnanadhra College of Engineering
38.	Mr. A. Veerendra	Research Scholar	University of Malaysia
39.	C. Naga Kota Reddy	Assistant Professor	JNTUK KAKINADA
40.	N. Sagar Teja Yadav	Assistant Professor	JNTUK KAKINADA
41.	Mr. M.V.V. Suresh	Assistant Professor	Kits engineering college, Ramachandrapuram
42.	Mr. T.P. Jaya Kumar	Assistant Professor	Rajamahendri Institute of Engineering & Technology, Rajahmundry

DEPARTMENT LEVEL ACTIVITIES :**Awareness programme on Energy Conservation & Latest Promising Technologies**

Electrical & Electronics Engineering Department of Pragati Engineering College in association with The Institution of Engineers (India) student chapter has organized an awareness program on “Energy Conservation And Latest Promising Technologies” on 16-12-2019. Sri N. Udaya Bhaskar (Executive Engineer-kakinada) and Sri Y. David(Executive Engineer-Jaggampeta) were present on this occasion and addressed over 188 students about the importance of Energy Conservation.



REPORT ON FRESHERS DAY (2019 ADMITTED BATCH)

II EEE (2018 Admitted Batch) Students organized fresher's fest to their juniors (2019 admitted batch) with a warm welcome on 07.09.2019 at Seminar Hall-1 of the college. The day is started with cultural events organized by II EEE to I EEE Students at 12:30 P.M and finished at 3:30

P.M. Dr.P.Krishna Rao, chairman, Sri.M.V.Haranadha Babu, Director (management), Sri.M.Satish, Vice-President, Dr.S.Sambhu Prasad, Principal, Dr. K.Satyanarayana, Vice-Principal & H.O.D-EEE, Dr.G.Naresh, Dean- Administration & Professor of EEE, and faculty of EEE department have attended the function and gave their Valuable Suggestions to I B.Tech EEE Students and wished them to have a bright academic future. On this occasion around 241 students from II & I EEE have participated. The session was completed after distribution of gifts to I EEE Students by Chief Guest and Guests of honors of the function at 3:30 P.M. The lists of Prize winners are given below.

I - EEE Prize winners:

Number Mania : N.Durga Prasad
 Colour Mania : S.Alekya Siva Prasad
 Fun Diagram : N.Anantha Lakshmi
 Pick Up Balls : S.Nithin



EVENTS

The Department of Electrical and Electronics Engineering of this college organized a One-day **National Level Technical Symposium “Exult-2k19 Under STRIDES”** on 26th September, 2019. This event was inaugurated by the Chief Guest, **Dr A. Kailasa Rao, former principal of JNTU(K)**. 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-2K19 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.

Sri.B.Rajesh, Assistant Professor of EEE and coordinator of EXULT-2K19, who played a pivotal role in organizing this programme said that about 261 Entries were Presented in various events like paper Presentation, Poster Presentation, Project Presentation and Technical Quiz, Out of which 25 Paper Presentations, 60 Poster Presentations, 33 Project Presentations and 42 Technical Quiz teams were selected in the final round from various colleges like JNTUK, GIET, BVC, ADITYA and other colleges. To provide exposure on the emerging trend with solar energy, Solar Expo is introduced in the EXULT-2K19.

“EXULT-2K19” Souvenir was released by the Chief guests Dr A. Kailasa Rao, Dr. P. Krishna Rao , Dr. S. Sambhu Prasad., Dr. K.Ravindra, Associate Professor in University college of engineering JNTUK, Sri Krishna Mahesh Kumar, Dy.Manager/GIS-O&M Power Grid Corporation of India Ltd., Surampalem were the judges for final presentations. Spot events like Circuit Tracing, buzz wire correction, Spot the bulb and word rush were also conducted.

Sri M. V. HarnathBabu, Director (Mgmt), Sri. M. Satish, Vice-President, Dr.G.Raghu Ram, Director, Dr. G. Naresh, Dean-Administration, Dr.D.Nagesh 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.



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