

PRAGATI ENGINEERING COLLEGE

ELECTRICAL TIMES

VOL # 20

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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 (H.O.D) | M.Tech, Ph.D, MIE, MIEEE, MISTE, C Eng |
| 2. Dr. M. P. N. Raju | M.Tech, Ph. D |
| 3. Dr. G.Naresh | M.Tech, Ph.D, MIEEE, MISTE |
| 4. Mrs. P. Vijaya Prasuna | M.Tech |
| 5. Mr. S. M. Shariff | M.Tech, M.B.A, MISTE |
| 6. Mr.M.Balaji | M.Tech |
| 7. Mrs.T.Himaja | M.Tech |
| 8. Mr.N.Sunil kumar | M.Tech |
| 9. Mr.P.Sailesh Babu | M.Tech |
| 10. Mr. I. Murali Krishna | M.Tech |
| 11. Mr. I. Srinu | M.Tech |
| 12. Mrs.G.Durga Devi | M.Tech |
| 13. Mr. I. Prudhvi kumar Raju | M.Tech |
| 14. Mr. S. Ashok Reddy | M.Tech |
| 15. Ms. A. Durga Bhavani | M.Tech |
| 16. Mr. D. Krishna Chaitanya | M.Tech |
| 17. Mr. P. Krishna Chaitanya | M.Tech |
| 18. Mrs. K. Sandhya Rani | M.Tech |
| 19. Mr.M.Rama Krishna | M.Tech |
| 20. Ms. K.Geetha | M.Tech |
| 21. Mr. M.N.V.V Brahmam | M.Tech |
| 22. Ms. Ch.V.V. Manga Lakshmi | M.Tech |
| 23. Mr.S.V.V.S.K.Reddy | M.Tech |
| 24. Mr. M. Mani Shankar | M.Tech |
| 25. Mr.Pradeep Raj Vardhan | M.Tech(Visiting Faculty) |

Faculty Achievement:

Dr. G. Naresh is appointed as Dean (Administration) of Pragati Engineering College. He received JNTUK BEST TEACHER AWARD for the Academic Year 2012-13. He has more than 14 years of teaching experience which includes 10 years of research experience. He worked in different capacities- Assistant Professor, Associate Professor and presently he is working as a Professor of Electrical & Electronics Engineering & Dean- Administration, Pragati Engineering College, Surampalem, A.P. He is member of College Academic Council and Finance Committee. He discharged several responsibilities like NBA, NAAC, Autonomous Coordinator and Convener/ member in several committees at College/ department level. His research interests include Evolutionary Computing techniques and their application to Electrical Engineering, Power System Operation & Control, Power System Stability and Energy Management and Conservation. He presented more than 40 research papers in various International and National Journals and Conferences.



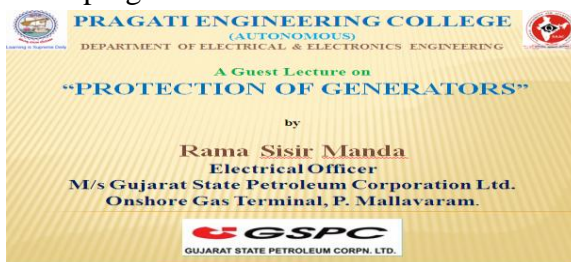
Faculty Publications:

1. **Mr.G. Bhavanarayana, Mr.I. Srinu & Mr.M. Rama Krishna** “Fuzzy Pi Control Scheme For Off Grid Dc Load Using Wind Power Conversipn System” Published in International Journal of Scientific & Engineering Research-IJSER, Volume 7, Issue 9, Septmber-2016, ISSN 2229-5518, Page No.859-864.
2. **Mr.K. Srinivasu, Mr.S.M. Shariff & Dr. K. Satyanarayana** “Staircase Control of Hybrid Multiple Inverter Topology with Reduced Number of Power Electronic Components” Published in International Journal of Scientific & Engineering Research-IJSER, Volume 7, Issue 9, Septmber-2016, ISSN 2229-5518, Page No.865-873.
3. **Ms.M. Manga Lakshmi, Mr.I. Srinu & Dr. K. Satyanarayana** “Design and Development of Artificial Neural Network Based Temperature Controlling of Injection Mould Machine” Published in International Journal of Scientific & Engineering Research-IJSER, Volume 7, Issue 9, Septmber-2016, ISSN 2229-5518, Page No.899-904.
4. **Mr.M. Veera Chandra Kumar, Dr. K. Satynarayana & Mr.M.N.V.V. Brahmam** “An AMC Based RZVDPWM Algorithm of Vector Controlled Induction Motor Drive for Better Speed Response with Reduced Acoustical Noise” published at IJEAT, ISSN: 2249-8958(online), Vol-6, Issue-1, page No:22-28, October 2016.
5. **Mr.K. Murali Krishna, Mr.S. Ashok Reddy, Mr.K. Siva Shankar** — “MPPT for Stand-Alone PV System Under Partially Shaded Condition Using Genetic Algorithm” In International Journal of Engineering and advanced Technology(IJEAT) Volume-6, Issue-1, October 2016, Page No.35-41, ISSN:2249 8958.
6. **Ms. S.Vasanthi, Dr.K.Satyanarayana & Ms. K.Geetha,** — “An Improved Performance of VCIMD with Sliding Mode Controller Based Lookup Table Strategy for The Mitigations of CMV” published in International Journal of Multidisciplinary Research

- and Modern Education (IJMRME) ISSN (Online): 2454 - 6119 Volume II, Issue II, 2016.
7. Ms. M. Bhanu Divya Bharathi, **Mr. P. Krishna Chaitanya & Mrs.K.Sandhya Rani** "Power Quality Improvement Of Dfig Using Flc Based Variable Wind Turbines By Ipc Method" published in International Journal of Engineering and Advanced Technology (IJEAT) Volume 6, Issue 2, December-2016, ISSN 2249-8958, Page No:43-49.
 8. Ms.M. Chandini, **Mrs.P. V. Prasuna and Mrs.Ch. V. Pujitha** —"Performance analysis of Dual Voltage Source Inverter with enhanced Control Scheme for Grid Connected Applications" published at IJMRME', ISSN: 2454-6119 (Online), Vol.-II Issue-II, Page No.: 384-396, 2016.
 9. Mr P. Subrahmanyeswara Rao, **A. Durga Bhavani & M. Rama Sisir** —" A grid connected pv system integrated Through multilevel modular cascaded H-bridge inverter by using fuzzy logic Controller" published in IJMRME', ISSN (Online): 2454 - 6119, Vol.-II Issue-II, Page No.: 486-494, 2016.
 10. Gollangi Suresh, **I. Prudhvi Kumar Raju & A. Hema Sundar Kumar** —" Photovoltaic based flexible microgrid System using fuzzy logic" published in IJMRME', ISSN (Online): 2454 - 6119, Vol.-II Issue-II, Page No535-544, 2016.

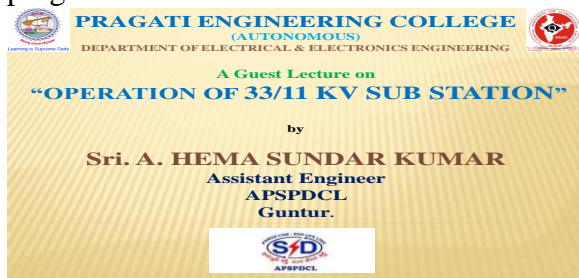
GUEST Lectures Conducted By EEE Department:

1. Department of Electrical & Electronics Engineering, Pragati Engineering organized a guest lecture on "**Protection of Generators**" by Visiting Faculty **Sri.M.Rama Sisir , M/s Gujarat State Petroleum Corporation Ltd., Onshore Gas Terminal, P.Mallavaram** under the programme "**Interaction with Industry Personnel**". The programme was arranged in Seminar hall-I of the college on 07/12/2016. In his address **Sri.M.Satish, Vice-President** of the College 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.
Dr.K.Satyanarayana, Vice –Principal, Head of the Department of EEE emphasized the importance of Protection of generators for various Electrical Applications and He urged students of EEE background to utilize this opportunity. About 125 students of III EEE Section –A&B, Teaching and Non-teaching Staff of EEE department were attended the programme.



2. Department of Electrical & Electronics Engineering, Pragati Engineering organized a guest lecture on "**Operation of 33/11KV Sub-Station**" by Visiting Faculty **Sri.Akula Hema Sundar Kumar , Assistant Engineer , APSPDCL ,Guntur** under the programme "**Interaction with Industry Personnel**".The programme was arranged in EEE E-Class Room of the college on 10/12/2016.
Dr.K.Satyanarayana, Vice –Principal, 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 , he emphasized the importance of Operation of 33/11KV Sub-Station and urged students of EEE background to utilize this opportunity. About 105 students of II EEE Section – A&B, Teaching and Non-teaching Staff of EEE department were attended the programme.



FDPs / Workshops Attended By The Faculty:

➤ Dr.G.Naresh has attended one week faculty development programme on “**Optimization Techniques for Electrical Engineering Application**” held at Aditya Institute of technology and management- Tekkali during 22nd to 27th September, 2016.

S.No.	Name of the Faculty	No of webinars Attended
1	Dr. K. Sathyanarayana	20
2	Dr. G. Naresh	5
3	Mrs. P. Vijaya Prasuna	3
4	Sri. S. M. Shariff	30
5	Sri. I. Murali Krishna	27
6	Sri. I. Srinu	23
7	Sri. I. Prudhvi Kumar Raju	20
8	Sri. S. Ashok Reddy	45
9	Ms. A. Durga Bhavani	25
10	Mr. D Krishna chaitanya	4
11	Mr. P Krishna chaitanya	10
12	Ms. K. Geetha	10
13	Sri. M. Rama Krishna	23
14	Mr. M.N.V.V. Brahmam	9
15	Mrs.G.Durga devi	5
16	Mr.P. Sailesh Babu	13
17	Mr.S.V.V.S.K.Reddy	23
18	Mr. M. Mani Shankar	21
19	Ms.Ch.V.V. Manga Lakshmi	25
20	Sri. K. Srinivas	29
Total		370

PLACEMENTS:

S.No	Roll No	Name Of The Student	Selected Company
1.	13A31A0201	Amulya Ayyagari	TECH MAHINDRA
2.	13A31A0221	Srisai Kiran Chebolu	
3.	13A31A0257	Sravya Lekha Garimella	
4.	13A31A0259	Keerthi Jonnala	
5.	13A31A0271	Ramakrishna Veeravenka Adabala	
6.	13A31A0278	Sriram Seshavenka Erramilli	
7.	13VV1A0228	Seshanka Venkatesh Allada	
8.	14A35A0202	Nalini Chandra Sapparapu	
9.	14A35A0211	Abbai Surada	
10.	14A35A0215	Veeravenkata Dattasaiku Adapa	
11.	13A31A0205	Jogi Suvarna Lakshmi	
12.	13A31A0206	Karnasula Siva Kumari	
13.	13A31A0208	Lakshmi Pravallika Yanamandra	
14.	13A31A0209	Neelapu Prameelajyothi	
15.	13A31A0213	Sappa Durga Naga Padma Sree	
16.	13A31A0216	Vattikuti Vilasitha	
17.	13A31A0218	Koduri Sri Krishna Satya	
18.	13A31A0227	Gokada Satya Srinivas	
19.	13A31A0229	G V S Chaitanya	
20.	13A31A0240	Lolabhattu Naveen	
21.	13A31A0241	Mallampalli Sesha Sri Harsha	
22.	13A31A0250	Seepana Durga Prasad	
23.	13A31A0251	Srikakolapu Krishna Kireeti	
24.	13A31A0255	Basava Prasanna Sai	
25.	13A31A0262	Naga Alekhya Appala	
26.	13A31A0263	Pusarla Raja Sneha	
27.	13A31A0264	Rayapureddy Naga Sai Anusha	
28.	13A31A0268	Tatavarthy Sowmya	
29.	13A31A0269	Veera Sukanya Devi Chipurupali	
30.	13A31A0277	Donthula Rajesh	
31.	13A31A0279	Geddamm Denis Leslie	
32.	13A31A0285	Joshua Prakash Paul	
33.	13A31A0286	Kadiyam Nikesh Sai	
34.	13A31A0287	Kalluri Sai Kalyan	
35.	14A35A0208	Kotipalli Rajesh	
36.	14A35A0218	Kothapalli Naveen Kumar	
37.	14A35A0222	Om Prakash Katta	

Student Achievements in various activities:

1. Ms.U.Renuka Devi and Ms.P.Mani Malavika of III EEE-B has received **2nd PRIZE for poster presentation** on “**PLC and SCADA**” in VEDA held at Aditya group of engineering colleges on 31st September & 1stOctober 2016.
2. Mr. J.Karthik Reddy and Mr. S.Kamesh of II EEE-B received **3rd PRIZE for Paper presentations** on “**Motion sensing technology**” in VEDA held at Aditya group of engineering colleges on 31st September & 1stOctober 2016.
3. Mr. Ch.sidhvik, Ch.P.V.Suryakanth and Ch.Hemanth Kumar of III EEE-A received **1st PRIZE for Non technical quiz** in VEDA held at Aditya group of engineering colleges on 31st September & 1stOctober 2016.
4. N.S.Gowtham Reddy and V.S.Nagendra of III EEE-A received **3rd PRIZE for Non technical quiz** in VEDA held at Aditya group of engineering colleges on 31st September & 1stOctober 2016.

Student Participations in various activities:

S.No	Date	Venue	Name of the Event	No. of participants
1.	31 st September & 1 st October, 2016.	Aditya group of engineering	VEDA	
			Paper	16
			Poster	02
			Quiz	32
2.	08 th , 09 th & 11 th September, 2016	Pragati Engineering College	Workshop	192

Student Paper publications:

1. N. Prameela Jyothi, BVVRKM Praveen Kumar and L. Naveen of IV EEE-A has published— “GSM Based Automatic Irrigation System” in International Journal Of Science And Research (IJSR), ISSN (Online):2319-7064, Volume 5 Issue 9, September 2016.
2. P.Sivakrishna, S.Krishna Kireeti, S.Pavani and J.Suvarna Lakshmi of IV EEE-A has published— “Improvement of Power Factor using Switching Capacitors” in International Journal of Engineering Research & Science (IJOER), ISSN: 2395-6992, Vol-2, Issue-9, September- 2016.
3. B. Shanmukha Rao, D. Rajesh and M. Chandra Mouli of IV EEE-A has published— “Constant Power Generation from Wind Turbine by Wind Tracking” in International Journal for Research in Applied Science & Engineering Technology (IJRASET), ISSN: 2321-9653, Volume 4 Issue IX, September 2016.
4. A.Seshanka Venkatesh, K.Vamsi Krishn, N.K.R.Swamy and P.Simhachalam of IV EEE-A has published—“Robot Navigation System with RFID and Ultrasonic Sensors” in International Journal of Engineering Research & Science (IJOER), ISSN: 2395- 6992, Vol-2, Issue-9, September- 2016.
5. G R. N. S. Anusha, G. Bhavidya and G. Denis Leslie of IV EEE-A has published— “GSM based Interactive Voice Response System for Wireless Load Controlling and Monitoring “ in International Journal of Science and Research(IJSR), ISSN (Online): 2319-7064, Volume 5 Issue 9, September 2016.
6. K. Ritu Subhadra, I. Ganesh Kumar and K. Siva Kumari of IV EEE-A has published— “Accident Vehicle Number Tracking System Using GSM And RFID” in International

- Journal for Research in Applied Science & Engineering Technology (IJRASET), ISSN: 2321-9653, Volume 4 Issue IX, September 2016.
7. G.Y.R.S.Narayana, K.Ganesh, D.V.Raghu Babu and M.S.S.Harsha of IV EEE-A has published—“Analysis of Seven Level Asymmetric Cascaded H-Bridge Inverter”, in International Journal Of Scientific Research (IJSR), ISSN No 2277 – 8179, Volume : 5 Issue : 10 October 2016.
 8. S. Yaraswini Shirisha, V.Uttej and Y. Lakshmi Pravallika has published of IV EEE-A — “Design And Implementation Of Efficient Solar Powered Dc-Dc Boost Converter For Loads” in International Research Journal of Engineering and Technology (IRJET), e-ISSN:2395 -0056, Volume: 03 Issue: 09, Sep-2016.
 9. S.NaliniChandra, R SaiNagaSirishaDevi, G V S Chaitanya and K V R Sudhir of IV EEE-A has published—“AutoSensing Electrical DataLogger For Measuring Voltage,Current and Speed” in International Research Journal of Engineering and Technology (IRJET), e-ISSN: 2395 -0056, Volume: 03 Issue: 09, Sep-2016.
 10. Achanta Ram Naveen, Chundru Venkatesh, Vendurthi Konda Babu and Kalaga Konda Raja of IV EEE-A has published—“ Implementation Of Water Level Filling Strategy By Using Pwm Technique” in International Research Journal of Engineering and Technology (IRJET), e-ISSN: 2395 -0056, Volume: 03 Issue: 09, Sep-2016.
 11. V.Sruthi Sharma ,M.Naveen, K.Davis Lazarus and Advita Manjari of IV EEE-A has published—“ Zigbee Wireless Communication For Monitoring Renewable Street Light System” in International Research Journal of Engineering and Technology (IRJET), e-ISSN: 2395 -0056,Volume: 03 Issue: 09, Sep-2016.
 12. Y. Prudvi Sai Krishna Gowda, Guttula Hema, Seepana Durga Prasad and Vattikuti Vilasitha of IV EEE-A has published—“Performance And Speed Control Of Cycloconverter Fed Split Phase Induction Motor” in International Research Journal of Engineering and Technology (IRJET), e-ISSN: 2395 -0056,Volume: 03 Issue: 09, Sep-2016.
 13. T.Jagadeeswari,K.SriKrishnasatya,G.Rajkumar and U.S.S.Santhoshkumar of IV EEE-A has published—“ Implementation Of Cascaded H-Bridge Five Level Inverter With R Load” in International Research Journal of Engineering and Technology (IRJET), e-ISSN: 2395 -0056 Volume: 03 Issue: 09, Sep-2016.
 14. K.Himabindu, Ch.Vijayasree bhargavi and E.S.V.Sriram of IV EEE-B has published— “Wireless Scada for Monitoring Load Conditions of Transformer and Temperature Control in Remote Plant”, in International Journal of Engineering Research & Science (IJOER), ISSN: 2395-6992, Vol-2, Issue-9, September- 2016.
 15. B. Prasanna Sai, S. Bhagya Sree and G. Manikantha of IV EEE-B has published— “Speed and Position Controlling of Stepper Motor Using ZIGBEE”, in Imperial Journal of Interdisciplinary Research (IJIR), ISSN:2454-1362, Vol-2, Issue-11, 2016.
 16. S. Siva Srujana , S. Jahnavi and K. Jhansi of IV EEE-B has published— “A Design of Prototypic Hand Talk Assistive Technology for the Physically” in International Journal of Science and Research (IJSR), ISSN (Online): 2319-7064, Volume 5 Issue 9, September 2016.
 17. Adapa V V D Sai kumar, M.A.S.S Prabhakar Rao and Kadiyam Nikesh Sai of IV EEE-B has published— “Wireless Speed Synchronization of Motors in Industry” in International Journal of Engineering Research & Science (IJOER), ISSN: 2395-6992, Vol-2, Issue-9, September- 2016.
 18. A.V.V.Rama Krishna, Ch.Sukanya Devi and P.RajaSneha of IV EEE-B has published— “Home Automation using Remote Control System” in International Journal of Engineering Research & Science (IJOER), ISSN: 2395-6992, Vol-2, Issue-9, September-2016.

19. Ms. T. Sowmya, Ms. G. Sravya Lekha and Mr. P. N. N. K. Bhargav of IV EEE-B has published— “Intrusion Detection and DC Motor Controlled Wireless Firing Unit for Border Security” in Imperial Journal of Interdisciplinary Research (IJIR), ISSN: 2454-1362, Vol-2, Issue-10, 2016.
20. M.Paramesh, Chinta Aravind Siva Sai and T.Arun Kumar of IV EEE-B has published— “Green Charge: Renewable Energy for Smart Buildings using Solar Panel” in International Journal for Scientific Research & Development(IJSRD),ISSN (online): 2321-0613, Vol. 4, Issue 07, 2016.
21. E. Hasini prathyusha, K. Rajesh, G.Veera Venkata Swamy and G.Satya Srinivas of IV EEE-B has published— “Protection of Solar Powered Vehicle using Sensor” in International Journal of Engineering Research & Science (IJOER), ISSN: 2395-6992, Vol-2, Issue-9, September- 2016.
22. D. Venu Satya Madhav, D. V. S. Prudhvi Raj and K. Durga Vara Prasad of IV EEE-B has published— “Economical Power Generation Using PV Cell for Industrial and Domestic Applications” in International Journal of Science and Research(IJSR), ISSN (Online): 2319-7064, Volume 5 Issue 9, September 2016.
23. J.Sai Keerthi, A.N.Alekhyia and M.V.S.Vinod Baba of IV EEE-B has published—“ Fault Detection in Three Phase Electrical Distribution Systemusing Microcontroller” in International Research Journal of Engineering and Technology (IRJET), ISSN No 2277 – 8179, Volume : 5 , Issue : 10 , October 2016.

EVENTS:

INDUSTRIAL VISIT:

The III years students of 2014 admitted batch has visited “Andhra Pradesh Gas Power Corporation Ltd., (APGPCL) **Vijjeswaram Power Plant**” on 17th,18th August 2016.The visit to the plant was proceeded accordingly on **17.08.2016** with 70 students of III B.tech I sem Sec-A as first batch of EEE students accompanying with two Assistant Profosors of EEE Department **Mr. S.M.Shariff** and **Ms.K.Geetha .Sri.N. Suryanarayana** Assistant Engineer of the Power plant along with two maintenance engineers explained the plant details.

The second batch of EEE students of III B.tech I sem Sec-B accompanied by two Assistant professors of EEE Department **Mr. S.Ashokreddy** and **Ms. A.Durga Bhavani** have visited the plant on **18.06.2016** and were explained the details of the plant by assistant engineer with other two maintenance engineers.



ENGINEER'S DAY

The Electrical and Electronics Engineering Association of Pragati Engineering College has celebrated “Engineer’s Day” as a mark of respect to Bharat Ratna Sir Sri Mokshagundam Visveswarayya’s Birthday celebrations .The programme was conducted in Power Systems Lab from 1:00 P.M. to 3:00 P.M. on 15-09-2016 by EEE Department.

Dr.K.Satyanarayana, Vice principal & HOD-EEE has given a welcome note to the gathering and addressed students on importance of engineering education with current scenario of Academic Curriculum and briefed about the role of budding engineers. Later Dr.S.Sambhu Prasad, Principal of the College addressed the gathering and explained the achievements of Sir Mokshagundam Visveswarayya. He emphasized the need of Continuous learning, Sincerity and hard working in doing the works and adoptability to the situations to meet the present needs of the country.

On this occasion Elocution competition was conducted. In this competition around 40 Students were participated from II & III Year EEE and the winners are awarded with prizes & certificates by Dr.S.Sambhu Prasad, Principal of the college and Dr.K.Satyanarayana Vice-Principal & HOD-EEE. Co-ordinators of the Programme, Staff and Students were present on the occasion.

The prize winners are :

From III EEE-A

1stPrize: N.Pavan teja (14A31A0244)

2ndPrize:B.Srujan Swathi (14A31A0204)

From III EEE-B

1stPrize: B.Naga Sravani (15A31A0218)

2ndPrize:P.Satya Sai Mounica (14A31A0266)

From II EEE-A

1stPrize: V.Praveen (16A35A0209)

2nd Prize: M.Ganesh (15A31A0238)

From II EEE-B

1stPrize: T. Prasanna Lakshmi (15A31A0272)

2nd Prize:P.Staya Devi Anusha (15A31A0268)



A NATIONAL LEVEL THREE-DAY WORKSHOP:

The Department of Electrical and Electronics Engineering conducted A National Level Three-day Workshop on “**Electrical Computer Aided Design (E-CAD)**” in association with MES, IIT, Banaras Hindu University, Varanasi Organized on 8th, 9th & 10th September, 2016 in Seminar Hall-II. On 8th September the workshop was inaugurated by the Chairman of the college, Dr. P. Krishna Rao in presence of four resource persons who came from TechTrunk Ventures Pvt. Ltd. for this workshop.

Dr. P. Krishna Rao, Chairman of the college, speaking on the function said that these workshops aims to make students aware of Computer aided design course & their applications in present Industrial Sectors. Sri. M. Satish, Vice-President expressed that conducting these kind of workshops will improve the technical knowledge of the students and also helps in creating their own identity in the competitive world. Dr. S. Sambhu Prasad, Principal of the College said that, the workshops are planned to the reduce gap between the Industrial needs and academics. Dr. K. Satyanarayana, HOD- EEE, Vice-Principal and chief coordinator expressed his happiness over the conduction of programme and said that 196 students are participating from various Engineering Colleges. This ECAD workshop is creating a new trend in electrical engineering stream and he urged students from EEE background to utilize this opportunity. Sri. M. V. Harantha Babu (Director-Mgmt), Senior Professors, HODs of all Departments, Mrs. P. Vijaya Prasuna and Ms. M.Manga Lakshmi, Co-ordinators of the Programme, Staff and Students were present on the occasion. On 11th September 2016, at 3.30 P.M a Quiz session was conducted by the resource persons. The participants who performed excellently in the session are selected as winners and awarded with Excellence certificates by Sri. M. Satish, Vice-President.

The winners are K. Siva Kumari, R. Sai Naga Sirisha Devi, Sala Yayaswini Shirisha, T. Jagadeeswari, Ch. Sri Sai Kiran, G. Yaswanth Rama Siva Narayana, L. Naveen, S. Abbai, A V V D Sai Kumar from IV EEE.

The winners are Md. Swathlana Shariff, B. Siva Rama Krishna, S. Satya Nagendra Kumar, G. S. Nandini, B. N.S. Anudeep, K. Veerayya Dora, P. Sai Veera Anudeep, B. Naga Sarvani, P. Murali Krishna from III EEE.

The winners are P. Satya Devi Anusha, K. Rohith Sai Swaroop from II EEE.

And participation certificates are distributed to the remaining members.



FRESHER'S DAY:

Present II EEE (2015-19) Students organized fresher's fest to their Juniors (2016-20 Batch) with a warm welcome on 22.09.2016 at Seminar Hall-I of the college. The day is started with cultural events organized by II EEE to I EEE Students at 1:00 P.M and finished at 3:00P.M. Dr. S.Sambhu Prasad, Principal, Dr. K.Satyanarayana, Vice-Principal & H.O.D-EEE, Dr.G.Naresh, Professor of EEE, Sri.S.M.Shariff, Assoc.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 250 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-A Prize winners:

- Word rush : 1st prize : Tarun Kumar (16A31A0216)
2nd prize: Hari Krishnna (16A31A0250)
- Colour Switch: 1st prize: Venkata Sri (16A31A0218)
2nd prize: Shankar(16A31A0219)
- Pattern Unlock : 1st prize: Dilip Kumar (16A31A0253)
2nd prize: RamaKrishna (16A31A0231)
- Blowing Glasses: 1st prize: Sri Devi (16A31A0206)
2nd prize: Sandhyarani (16A31A0212)
- Gems: 1st prize: Nancy Rachel (16A31A0201)
2nd prize: Yogitha (16A31A0202)

I EEE-B Prize winners:

- Water Balls: 1st prize: K. Bhavani (16A31A0260)
2nd prize: A. Sumitra (16A31A0256)
- Candle : 1st prize: V. Supraja (16A31A0269)
2nd prize: V. Surekha (16A31A0268)
- Straw & Ball : 1st prize: Y. Sessa Sai (16A31A02B0)
2nd prize: I.Veerabhadra (16A31A0288)
- Glass & Coin : 1st prize: A. Krishna Vamsi (16A31A02B1)
2nd prize:P.DhanaLakshmi (16A31A0265)

Buzz wire : 1st prize: C. Sandeep (16A31A0281)
2nd prize: B. Sai Krishna (16A31A0278)

WORLD STUDENTS DAY:

The Department of Electrical and Electronics Engineering conducted “World Students Day” celebrations on 15th October 2016 on the occasion of Dr. APJ Abdul Kalam birthday. On this occasion, Elocution competition for II, III and IV year students were conducted. The topic for Elocution competition is “Dr. APJ Abdul Kalam was an Inspirational Engineer”. This event was coordinated by Mrs. V. Pujitha, Asst. Prof, EEE Dept., conducted in room no G4 at 2.00 p.m. Overall 34 students were participated in Elocution competition.



The following winners of the elocution are awarded with prizes.

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|--------------------------------|--------------------------|
| 1) N. Pavan Teja | (14A31A0244) – III EEE A |
| 2) Kanakala Rohith Sai Swaroop | (15A31A0285) – II EEE B |
| 3) Koduri Sri Krishna Satya | (13A31A0218) –IV EEE A |

CONSTITUTION DAY

Indian Constitution Day is being celebrated on 26.11.2016 on the eve of 125th Birth Anniversary of Dr. B. R. Ambedkar for his ideas to form the constitution in India. On this Occasion, Department of Electrical & Electronics Engineering took preamble from all the staff and Students of EEE.

PREAMBLE:

“We, The People Of India, having Solemnly Resolved To Constitute India in to a sovereign socialist secular democratic republic and to secure to all its citizens.

Justice, social, economic and political. Liberty of thought, expression, belief, faith and worship. equality of status and of opportunity and to promote among them all. Fraternity assuring the dignity of the individual and the unity and integrity of the nation. In our constituent assembly this twenty-sixth day of november, 1949, do hereby adopt, enact and gice to ourselves this constitution”.

On this occasion, Elocution competition for II, III and IV year students were conducted. The topic for Elocution competition is “The features of Supreme Law of Indian Constitution”.



EDITORIAL BOARD COMMITTEE:

Staff

1. Dr. K. Sathyanarayana, Professor - H.O.D
2. Ms. A. Durga Bhavani, Assistant Professor

Students:

D. Rajesh	(IV EEE-277)
R. S. N. Srisha Devi	(IV EEE-210)
P. Subhash Kumar	(III EEE-246)
K.Satya Surendra	(III EEE-283)