

PRAGATI ENGINEERING COLLEGE

ELECTRICAL TIMES

VOL # 22

July to December 2017



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 decade. 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. B.Rajani	ME, 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. B. Anil Kumar	M.Tech
18. Mr. M. Mani Shankar	M.Tech
19. Mrs. G. Durga Devi	M. Tech
20. Mrs. T.Himaja	M.Tech
21. Mr.I.Prudhvi Kumar	M.Tech
22. Mr. K. Murali Krishna	M.Tech
23. Mr. B. Sai Kumar	M.Tech
24. Mrs. M. Manga Lakshmi	M. Tech
25. Mr.K.Srinivasu	M.Tech
26. Mr.M.Balaji	M.Tech
27. Mr.N.Sunil kumar	M.Tech
28. Mr. S. V. V. S. K. Reddy	M.Tech
29. Ms. K.Geetha	M.Tech
30. Mr.Pradeep Raj Vardhan	M.Tech(Visiting Faculty)

Faculty Publications:

1. Mr. D.Madhu, **Mr. D.Krishna Chaitanya**, **Mr. S.M.Shariff** published paper entitled with “An Integrated Coupled Inductor and Switched Capacitor based High gain DC/DC Converter for Closed Loop Control of DC Motor” in International Journal Scientific and Engineering Research (IJSER), ISSN:2229-5518, Volume-8, Issue-8, August,2017.
2. Mr. M. Venkata Ramana, **Mr. I. Srinu**, **Mr. M. N. V. V. Brahmam** published paper entitled with “Enhancement of Power Quality with Fuzzy Control of DSTATCOM supported Induction Generator” in International Journal of Engineering and Advanced Technology (IJEAT), ISSN:2249-8958, Volume-7, Issue-1, October,2017.

FDPs / Workshops Attended By The Faculty:

1. Dr. G. Naresh has attended one week NMIECT Workshop on Power systems at Srinivasa Institute of Engineering and Technology from 10.07.2017 to 15.07.2017.
2. Mr. S. M. Shariff has attended one week NMIECT Workshop on Power systems at KIET from 10.07.2017 to 15.07.2017.
3. Mrs. P. V. Prasuna has attended one week NMIECT Workshop on Power systems at KIET from 10.07.2017 to 15.07.2017.
4. Mr. D. Krishna Chaitanya has attended one week NMIECT Workshop on Power systems at KIET from 10.07.2017 to 15.07.2017.
5. Mr. G. Bhavanarayana has attended one week NMIECT Workshop on Power systems at KIET from 10.07.2017 to 15.07.2017.
6. Mr. Mr. M. Veera Chandra Kumar has attended one week NMIECT Workshop on Power systems at KIET from 10.07.2017 to 15.07.2017.
7. Mr. S. V. V. S. K. Reddy has attended one week NMIECT Workshop on Power systems at KIET from 10.07.2017 to 15.07.2017.
8. Ms. A.Durga Bhavani has attended one week Workshop on Innovation in Teaching English at Pragati Engineering College during 06.12.2017 to 10.12.2017.
9. Mr. B. Anil Kumar has attended one day Workshop on Entrepreneurship champion workshop at V. R. Siddhardha Engineering College on 13.12.2017.
10. Mr. P. Krishna Chaitanya has attended two weeks Faculty Development Programme on Entrepreneurship and Development Cell at Pragati Engineering College from 07.08.2017 to 19.08.2017.
11. Mr. B. Anil Kumar has attended two weeks Faculty Development Programme on Entrepreneurship and Development Cell at Pragati Engineering College from 07.08.2017 to 19.08.2017.

S.No.	Name of the Faculty	No of webinars Attended
1.	Dr. K. Sathyanarayana	1
2.	Dr. G. Naresh	2
3.	Mrs. P. Vijaya Prasuna	1
4.	Sri. S. M. Shariff	4
5.	Sri. I. Murali Krishna	5
6.	Sri. I. Srinu	3
7.	Sri. S. Ashok Reddy	6
8.	Ms. A. Durga Bhavani	5
9.	Mr. D Krishna chaitanya	4
10.	Mr. P Krishna chaitanya	4
11.	Mr. M.N.V.V. Brahmam	5
12.	Sri. M. Veera Chandra Kumar	2
13.	Sri. G. Bhavanarayana	2
14.	Mr. S. V. V. S. K. Reddy	3
15.	Mr. B. Anil Kumar	6
16.	Mr. M. Mani Shankar	4
17.	Mr. B. Sai Kumar	6
Total		62

PLACEMENTS:

S.NO	ROLL NO	NAME OF THE STUDENT	SELECTED COMPANY
1.	14A31A0217	Mr. B. Vinod	RRRK Associates
2.	14A31A0204	Ms.B.Srujana Swathi	Pole to Win
3.	14A31A0244	Mr.N.Pavan Teja	Pole to Win

Student Achievements in various activities:

1. **K.Venkata Ramana, A.Sireesha, K.Veerayya Dora, N. Pavan Teja** from IV EEE have presented their project on 18.09.2017 entitled with “Smart Emergency Fire Alarm System” in **First AICTE-ECI-VISWAKARMA AWARDS 2017** in stream - Electrical and Electronics Engineering at **AICTE Head Quarters, New Delhi**.
2. **A.Sireesha, K. Bindu Mounika, G. Jyothi** of IV EEE has selected for ROUND-III in Design Contest of project “A self Reliant Street Lighting System” to **INDIA INNOVATION CHALLENGE** organized by **DST & Texas Instruments**.
3. **S. Koteswara Rao, M. Suresh Raju, T. Ram Manohar Reddy, S. Satya Nagendra Kumar, K. Sivaji, S. Trimurthulu** of IV EEE has selected for ROUND-III in Design Contest of project “IoT based electrical distribution system” to **INDIA INNOVATION CHALLENGE** organized by **DST & Texas Instruments**.
4. Mr. S. Hareen(15A31A0248) and Mr. S. Siva Kumar(15A31A0253)of III EEE-A received 1st PRIZE for Paper presentations on “Lightening Harvesting” on Engineer’s Day held at Pragati Engineering College on 15thSeptember, 2017.
5. Ms. K. Purnima Ramya (15A31A0208), Ms. A. Harshita (15A31A0203)of III EEE-A received 2nd PRIZE for Paper presentations on “Air Borne Wind Energy System” on Engineer’s Day held at Pragati Engineering College on 15th September, 2017.
6. Mr. S. Kamesh(15A31A02A3) and Mr. S.Naga Vijaya Sai Ram(15A31A02A8) of III EEE-B received 1st PRIZE for Paper presentations on “Piezo Electric Energy” on Engineer’s Day held at Pragati Engineering College on 15th September, 2017.
7. K.Rohith Sai Swaroop(15A31A0285)and T.Chandana(15A31A0273)of III EEE-B received 2ndPRIZE for Paper presentations on “Artificial Intelligence” on Engineer’s Day held at Pragati Engineering College on 15th September, 2017.
8. P.Enosh Peter(17A35A0212) of II EEE-A received Consolation PRIZE for Paper presentations on “MHD Genaration” on Engineer’s Day held at Pragati Engineering College on 15th September, 2017.
9. Ms. Ch. Srilakshmi (16A31A0209) of II EEE A has received 1st prize for Elocution competition on Engineer’s Day held at Pragati Engineering College on 15th September, 2017.
10. Mr. B. Satya Sai Praveen (16A31A0279) of II EEE B has received 2nd prize for Elocution competition on Engineer’s Day held at Pragati Engineering College on 15th September, 2017.
11. Mr. R. V. S. N. Prasanth (15A31A0247) of III EEE A has received 1st prize for Elocution competition on Engineer’s Day held at Pragati Engineering College on 15th September, 2017.
12. Mr. S. Hareen (15A31A0248) of III EEE A has received 2nd prize for Elocution competition on Engineer’s Day held at Pragati Engineering College on 15th September, 2017.
13. Ms. V. S.S. V. L. Sowmya (16A35A0214) of III EEE B has received 1st prize for Elocution competition on Engineer’s Day held at Pragati Engineering College on 15th September, 2017.
14. Mr. K. Rohith Sai Swaroop (15A31A0285) of III EEE B has received 2nd prize for Elocution competition on Engineer’s Day held at Pragati Engineering College on 15th September, 2017.
15. Ms. B. Jagadeeswari (16A31A0207) of II EEE A has received 1st prize for Essay Writing competition on Engineer’s Day held at Pragati Engineering College on 15th September, 2017.
16. Mr. K. Naveen (16A31A0232) of II EEE A has received 2nd prize for Essay Writing competition on Engineer’s Day held at Pragati Engineering College on 15th September, 2017.
17. Ms. P. Vennala (16A31A0264) of II EEE B has received 1st prize for Essay Writing competition on Engineer’s Day held at Pragati Engineering College on 15th September, 2017.
18. Mr. O. Vishnu Chakra Datta (16A31A0299) of II EEE B has received 2nd prize for Essay Writing competition on Engineer’s Day held at Pragati Engineering College on 15th September, 2017.

19. Mr. Y. V. V. S. S. Bhavani Shankar (15A31A0260) of III EEE A has received 1st prize for Essay Writing competition on Engineer's Day held at Pragati Engineering College on 15th September, 2017.
20. Ms. K. Sita (15A31A0209) of III EEE A has received 2nd prize for Essay Writing competition on Engineer's Day held at Pragati Engineering College on 15th September, 2017.
21. Ms. V. Keerthi (15MD1A0249) of III EEE B has received 1st prize for Essay Writing competition on Engineer's Day held at Pragati Engineering College on 15th September, 2017.
22. Mr. K. M. Uday Kumar (15A31A0292) of III EEE B has received 2nd prize for Essay on Engineer's Day held at Pragati Engineering College on 15th September, 2017.
23. Mr. T. Chiranjeevi Bhanu Teja (16A31A02A8) has received 1st prize for Lecturate on Engineer's Day held at Pragati Engineering College on 15th September, 2017.
24. Ms. I. JahnviRishika (16A31A0213) has received 2nd prize for Lecturate on Engineer's Day held at Pragati Writing competition on Engineer's Day held at Pragati Engineering College on 15th September, 2017.
25. Mr. K. Pavan Kishore (15A31A0230), Mr. K. Durga Prasad (15A31A0232), Mr. K. Raja NaguruBabu (15A31A0233), Mr. M. Ganesh (15A31A0238) has received 1st prize for Technical Quiz on Engineer's Day held at Pragati Engineering College on 15th September, 2017.
26. Ms. K. Mounika (15A31A0265), Ms. V. Satya Devi (15A31A0275), Mr. A. Vijay Kumar (15A31A0276), Mr. M. Uday Kumar (15A31A0292) has received 2nd prize for Technical Quiz Engineering College on 15th September, 2017.
27. Mr. Mr. S. Siva Kumar (15A31A0253) of III EEE-A has received 2nd prize for paper presentation in VEDA held at Aditya Engineering college 16thSeptember, 2017.
28. Mr. S. Hareen (15A31A0248) of III EEE-A has received 2nd prize for paper presentation in VEDA held at Aditya Engineering college 16thSeptember, 2017.
29. Mr. P. Jeevan Kumar (16A35A0204) of III EEE-A has received 2nd prize for Technical Quiz in VEDA held at Aditya Engineering college 16thSeptember, 2017.
30. Mr. T. Santhosh Reddy (15A31A0254) of III EEE-A has received 2nd prize for Technical Quiz in VEDA held at Aditya Engineering college 16thSeptember, 2017.

Student Participations in various activities:

S.No	Date	Venue	Name of the Event	No. of participants
1.	15.09.2017	Pragati Engineering College	ENGINEER'S DAY	
			Paper	33
			Elocution	09
			Essay Writing	73
			Lecturate	08
			Quiz	40

Student Paper Publications:

1. Ch.Hemantha Kumar, K.Venkata Ramana, A.Sireesha, U.V.S.D. Prasad, K.Bindhu Mounika, K.Veerayya Dora of IV EEE published paper entitled with " Automatic Street Light Operating System" in International Research Journal of Engineering and Technology (IRJET), ISSN: 2395-0056, Volume-4, Issue-07, July 2017, pp no. 1646 -1649.

2. P. Divya Chandra Sri, M. V. R. Lahari, B. Jyothi, P. K. arjun, Y. Sagar of IV EEE published paper entitled with “ Smart City with Bluetooth of Things using Solar – Wind Power Generation” in Asian Journal of Applied Science and Technology (AJAST), Volume-1, Issue-06, July 2017, pp no. 74-78.
3. Md. Swathlana, V. Sai Divya, N. Sireesha, Ch. V. V. D. L. Prasanth, K. L. Narayana, Y. Sai Subrahmanyam of IV EEE published paper entitled with “ Power Line fault Detection and Rectification using ROBOT” in International Research Journal of Engineering and Technology (IRJET), ISSN: 2395-0056, Volume-4, Issue-07, July 2017, pp no. 1615-1618.
4. B. Siva Rama Krishna, D.V.S. Seshandra, G. Govinda Raja, T. sudharshan, K. Srikanth of IV EEE published paper entitled with Railway Track Fault Detection System using IR sensors and Bluetooth Technology” in Asian Journal of Applied Science and Technology (AJAST), Volume-1, Issue-06, July 2017, pp no. 82-84.
5. Basava Ram Durga, P.Subhashkumar, M.PunyaTeja, K.N.S.lakshmi and G.lakshmiSowjanyaof IV EEE published paper entitled with “ Speed Control of PMBLDC Motor Using PLC” in Asian Journal of Applied Science and Technology (AJAST), Volume-1, Issue-06, July 2017, pp no. 114-119.
6. K. Vasu, A. Surya prakash, P. Mahesh Krishna, N. Sai Siva, P. PurnachandraRamarao of IV EEE published paper entitled with “ Machine Vision based Fire Flame Detection using Multi features” in International Research Journal of Engineering and Technology (IRJET), ISSN: 2395-0056, Volume-4, Issue-07, July 2017, pp no. 1936-1938.
7. S. S. Nagendra Kumar, S. Koteswara Rao, M. Suresh Raju, S. Trimurthulu, K. Sivaji, T. Ram Manohar Reddy of IV EEE published paper entitled with “IoT based control and Monitoring of smart grid and power theft detection by locating area” in International Research Journal of Engineering and Technology (IRJET), ISSN: 2395-0056, Volume-4, Issue-07, July 2017, pp no. 1925-1927.
8. V. Surya Nagendra, S. Naga Saikumar, K. Prabhu Kiran, P. Prashanth, V. Sai SitharamChowdary of IV EEE published paper entitled with “ Hardware Implementation of an Underground cable fault detection” in International Journal for Research in Applied Science & Engineering Technology (IJRASET), ISSN: 2321-9563, Volume-5, Issue-VII, July 2017, pp no. 1649-1653.
9. D. V. Sai Subbhanand, V. Akhila, N. Sai Gowtham Reddy, M. Prasanna, G. Vineeth Prakash of IV EEE published paper entitled with “ Automatic Power Supply Switching Control System between three Different Sources” in International Journal for Research in Applied Science & Engineering Technology (IJRASET), ISSN: 2321-9563, Volume-5, Issue-VII, July 2017, pp no. 1802-1807.
10. L. Sireesha, V. Surekha, G. L. N. Venkatesh, M. Harsha Vardhan, P. Mohan Satish of IV EEE published paper entitled with “ Design and Hardware Implementation of Buck, Boost converter and sine wave Inverter” in International Journal for Research in Applied Science & Engineering Technology (IJRASET), ISSN: 2321-9563, Volume-5, Issue-VII, July 2017, pp no. 1765-1770.
11. J. Kiran, G. Gopi Krishna, K. Sathish Kumar, K. Kiran Kumar, B. Srujana Swathi of IV EEE published paper entitled with “ Voice Operated Logical Switching circuit Applied for Electrical Vehicles” in International Journal for Research in Applied Science & Engineering Technology (IJRASET), ISSN: 2321-9563, Volume-5, Issue-VII, July 2017, pp no. 1740-1744.
12. G. Jyothi, T. Aparna Murthy, K. Dharma Sai Shankar, P. Yaswanth, S. Chandra Sekhar of IV EEE published paper entitled with “ Solar based Automatic Braking System using PLC” in International Journal for Research in Applied Science & Engineering Technology (IJRASET), ISSN: 2321-9563, Volume-5, Issue-VII, July 2017, pp no. 2158-2162.
13. P. Jagadeesh, P. Ravi Teja, V. Kasi Viswanath, G. Sardak, R. Manikrishna of IV EEE published paper entitled with “Implementation of Solar Distribution Grid for Agriculture Resources through MATLAB” in International Research Journal of Engineering and Technology (IRJET), ISSN: 2395-0056, Volume-4, Issue-07, July 2017, pp no. 1928-1934.
14. K. Yashas Chandra, Ch. DoraBabu, R. Manikanta, O.S.D. Akhilesh, E. Rakesh of IV EEE published paper entitled with “Solar Based Robotic Arm using MATLAB GUI” in International Research Journal of Engineering and Technology (IRJET), ISSN: 2395-0056, Volume-4, Issue-07, July 2017, pp no. 1970-1974.

15. P. S. V. Anudeep, K. Vijaya kumar, B. N. S. Anudeep, S. Ravindra Reddy, K. Sampath Siva Kumar of IV EEE published paper entitled with “ Charging and Regeneration of Hybrid Vehicles using Wireless Power” in Asian Journal of Applied Science and Technology (AJAST), Volume-1, Issue-07, August 2017, pp no. 6-9.
16. V. Srinu, P. Satya Sai Mounica, S. Siva Varalakshmi Devi, S. Sai Kumar, K. Vijay Teja of IV EEE published paper entitled with “ A Novel speed control of Brushless DC Motor using Arduino UNO R3 and BOT” in Asian Journal of Applied Science and Technology (AJAST), Volume-1, Issue-07, August 2017, pp no. 10-14.
17. S. Sri saran, P. S. V. N. Srinivas, D.S.A.R. Varshini, K. Veerarajamma, R.B.K. Raju of IV EEE published paper entitled with “ Multi Directional Solar Tracking System” in Asian Journal of Applied Science and Technology (AJAST), Volume-1, Issue-06, July 2017, pp no. 108-113.
18. G. Jyothi Kiran, K. Satya Surendra, S.A. Mohiddin, M. Krishna, S. Santhosh Kumar of IV EEE published paper entitled with “Implementation and Controlling of Electrical Appliances by using Bluetooth” in International Research Journal of Engineering and Technology (IRJET), ISSN: 2395-0056, Volume-4, Issue-07, July 2017, pp no. 1836-1840.
19. K. Aneel Kumar, M. Sridhar, D. Swamy Durgaram, P. Rahul, G. Santhosh Kumar of IV EEE published paper entitled with “Design of multi Electricity Generator using Solar and Piezo Electric Transducer” in International Research Journal of Engineering and Technology (IRJET), ISSN: 2395-0056, Volume-4, Issue-07, July 2017, pp no. 2114-2119.
20. Ch. Hairsri, E. Emmi Preetham, M. Hairsh Kumar, M. Ramji Bhavani, J. Shalem Raju of IV EEE published paper entitled with “Automated Rationing system by using DC Motor through an RFID” in Asian Journal of Applied Science and Technology (AJAST), Volume-1, Issue-06, July 2017, pp no. 103-107.
21. T. Pavani, U. Renuka Devi, I. Kalyan Revanth, K. Shankar Babu, K. Sarath Kumar of IV EEE published paper entitled with “Speed Control of Single phase Induction Motor using Solid state Relay” in Asian Journal of Applied Science and Technology (AJAST), Volume-1, Issue-06, July 2017, pp no. 79-81.
22. G. S. Nandini, P. S. M. M. Malavika, B. Manikanta, G. Venkatesh, K. Manikanta Raju of IV EEE published paper entitled with “A New Optimum power Control scheme for low Power Energy Harvesting System” in International Research Journal of Engineering and Technology (IRJET), ISSN: 2395-0056, Volume-4, Issue-07, July 2017, pp no. 1939-1943.
23. B. Naga Sarvani, B. Vineela Thulasi, K. Rahul, K. Satish Kumar, V. D. Sekhara Varma of IV EEE published paper entitled with “Detection of Power Grid Synchorinazation failure on sensing frequency and voltage beyond acceptable range and load Protection” in International Research Journal of Engineering and Technology (IRJET), ISSN: 2395-0056, Volume-4, Issue-07, July 2017, pp no. 1955-1958.

List of Students Attended For Industrial Internship/Training:

S. No	Roll no.	Name of the student	Year & section	Name of the industry	Duration
1.	15A35A0229	P.Murali Krishna	III-II Sec-B	JSS Academy ,Bengaluru	24-07-2017 to 31-07-2017
2.	16A31A0288	T.mahesh Veerabhadra	II-I SEC-B	Sirus Overseas Pvt. Ltd	06-09-2017 to 10-09-2017
3.	16A31A0291	K.SaiRajkesh			
4.	16A31A0298	N.Ram Kumar			
5.	16A31A02A2	P.S Raghavendra			
6.	16A31A02A4	R.Shiva Ram			
7.	17A35A0215	S.G.Krishna	II-I		

			SEC-A		
8.	17A35A0201	P.Sai Annapurna	II-I SEC-A	Manihamsa POWER PLANT	04-09-2017 to 09-09-2017
9.	17A35A0202	P.SriChandraleka			
10	17A35A0203	S.J.L.N.S.Keerthana			
11	16A31A0202	Y.Yogitha	II-I SEC-A	APGPCL, Vijjeswaram	06-09-2017 to 13-07-2017
12	16A31A0206	B.Sridevi			
13	16A31A0208	Ch.Sai Anusha			
14	16A31A0204	A.Saijyothi	II-I SEC-A	NFCL,Kakinada	06-09-2017 to 13-07-2017
15	16A31A0218	A.Sai Venkata Sri			
16	16A31A0245	P.Saiganesh			
17	16A31A0203	A.Ramya	II-I SEC-A	Atchampeta Substation,Kakinada	07-09-2017 to 14-09-2017
18	16A31A0210	D.Monisa			
19	16A31A0215	P.Chandrika			
20	16A31A0207	B.Jagadeswari	II-I SEC-A	NFCL,Kakinada	07-09-2017 to 13-09-2017
21	16A31A0209	Ch.Sree Laxmi			
22	15A31A0275	V.Satya Devi	III-I SEC-B	NFCL,Kakinada	27-09-2017 to 06-10-2017
23	15MD1A0249	V.Keerthi			

EVENTS:

INDUSTRIAL VISITS:

III year students of 2015 admitted batch visited Achampeta 220/132/33 KV Sub-Station on 7th September, 2017. The Batch-I consisting of 68 students of III B.Tech I sem EEE-A accompanied by two Assistant Professors of EEE Department **Mr. S.Ashok Reddy** and **Mr. I.Srinu** visited the Sub-Station and met the Divisional Engineer. In the afternoon session, along with 70 students from III B.tech I sem EEE-B as Second batch accompanied by two Assistant Professors of EEE Department **Mr. I.Murali Krishna** and **Mr.P.Krishna Chaitanya**, visited the Sub-Station and met the Divisional Engineer. Two Assistant Engineers explained the overview of working of **Sub-Station** and **Switch-yard** Equipments and their functionality, all the essentials and components of the 220KV substation. Also, they explained about SCADA and various programming done in the control room i.e., PLC control.



IV year students of 2014 admitted batch visited Power Grid 765/400 KV (GIS) Sub-Station 19th September, 2017 & 07th October, 2017. The Batch-I consisting of 68 students of IV B.Tech I sem EEE-B accompanied by two Assistant Professors of EEE Department **Mr. S. Ashok reddy** and **Mr. M. N. V. V. Brahmam** visited the Sub-Station and met the Assistant General Manager. The other day 72 students of IV B.Tech I sem EEE-A as second batch were accompanied with two Assistant Professor **Mr. I. Srinu** and **Mr. I. Murali Krishna**, visited the Sub-

Station and met the Assistant General Manager. Three Assistant Engineers explained the overview and working of Power Grid and Switch-yard equipments and their functionality.



FRESHER'S DAY:

Present II EEE (2016-20) Students organized fresher's fest to their juniors (2017-21 Batch) with a warm welcome on 26.08.2017 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 3:30 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, 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 245 students from I & II 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 details of Prize winners are given below.

IEEE-A Prize winners:

Thermocolballs :	1 st prize :	M.Vijaya Lakshmi	(17A31A0208)
	2 nd prize:	Y.Bhavya	(17A31A0222)
Shuffling glasses:	1 st prize:	E.Nitish Kumar	(17A31A0229)
	2 nd prize:	V.Satyavathi	(17A31A0220)

IEEE-B Prize winners:

Cups:	1 st prize: M.Sam Moses Sastry(17A31A0298)
	2 nd prize: Y.Sai Ram Akhila (17A31A0276)
Water balls :	1 st prize: S.Manaswini (17A31A0273)
	2 nd prize: B.PavanTeja (17A31A0279)

**TWO DAY NATIONAL LEVEL WORKSHOP ON PCB & CIRCUIT DESIGNING OF MODERN AUTOMATED SYSTEMS:**

The Department of Electrical and Electronics Engineering conducted A National Level Two-day Workshop on “PCB & Circuit Designing of Modern Automated Systems” in association with Innovation Cell UMIC, IIT Bombay Organized on 28th & 29th December, 2017 in Seminar Hall-II. On 28th December the workshop was inaugurated by the Chairman of the college, Dr. P. Krishna Rao in presence of four resource persons who came from RoboKart for this workshop.

Dr. P. Krishna Rao, Chairman of the college, speaking on the function said that these workshops will create aware of PCB & Circuit Designing which provides support of all technical aspects. 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 making the real time projects. Dr. S. Sambhu Prasad, Principal of the College said that, workshops are planned to correlate the theory & practical concepts. Dr. K. Satyanarayana, Vice-Principal & HOD- EEE expressed his happiness over the conduction of programme and 170 students are participating from various engineering branches and said that this PCB & Circuit Designing is creating a basic knowledge in electrical engineering stream because there will be nothing without electrical energy in coming few years and he urged students to utilize this opportunity. Mr. M. V. HaranthaBabu (Director-Mgmt), Dr. G. Raghu Ram (Director-Academics), Dr. G. Naresh (DeanAdministration), Senior Professors, HODs of all Departments, Co-ordinators of the Programme, Staff and Students were present on the occasion.



**EDITORIAL BOARD COMMITTEE:****Staff**

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

Students:

- | | |
|-----------------|---------------|
| S.Hareen | (III EEE-248) |
| V Satya Devi | (III EEE-275) |
| P.SaiGanesh | (II EEE-245) |
| K.Durga Bhavani | (II EEE-260) |