

PRAGATI ENGINEERING COLLEGE

ELECTRICAL TIMES



VOL # 25



January to June 2019

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.

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.

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	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.Venkata Brahmam	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. Ms.S.Vara Lakshmi	M.Tech
21. Mr. K.Siva Shankar	M.Tech
22. Mr. B.Rajesh	M.Tech
23. Mrs. G. Durga Devi	M.Tech
24. Mrs. M. Manga Lakshmi	M.Tech
25. Mr. M.Satya Harish	M.Tech
26. Mr.B.Pradeep Raj Vardhan	M.Tech(Visiting Faculty)

Faculty Publications:

1. **Dr. B.Rajani ,Dr. K.Satyanarayana**, Mr. S.V.V.S.K Reddy, Mr. M. Mani Sankar “Multi Converter-Unified Quality Power Conditioner using Generalized Fryze control stratezy” published paper in Pramana Reaserch Journal , Volume 9, Issue No.4, April-2019, ISSN 2249-2976.

FDPs / Workshops Attended by the Faculty:

1. Mr. K.Siva Sankar attended one week Faculty Development Programme awarded with on certificate on “Improving Teaching Skills in Control Systems” Organized by Directorate of Faculty Development Centre, JNTUK during 02.05.2019 to 07.05.2019.
2. Dr. B. Rajani 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 January to March, 2019.
3. Mrs. K. Sandhya Rani 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 January to March, 2019.
4. Mr. I. Murali Krishna 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 January to March, 2019.
5. Mr. M.N.V.V. Brahmam 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 January to March, 2019.
6. Sri. G. Bhavanarayana 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 January to March, 2019.
7. Mr. B. Anil Kumar 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 January to March, 2019.
8. Mr. M. Mani Shankar 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 January to March, 2019.
9. Ms.S.Vara Lakshmi 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 January to March, 2019.
10. S.V.V.S.K.Reddy is awarded with one week Faculty Development Programme certificate for successfully completing the 8 weeks course on “Electromagnetic compatibility” Organized by NPTEL-AICTE Faculty Development Programme, Funded by Ministry of HRD, Govt. of India during Februry to April, 2019.
11. Ms.S.Vara Lakshmi attended one week Faculty Development Programme and awarded with a certificate on “Improving Teaching Skills in Power Electronics” Organized by Directorate of Faculty Development Centre, JNTUK during 25.05.2019 to 30.05.2019.

➤ **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. B. Rajani	2
4.	Mrs. P. Vijaya Prasuna	1
5.	Sri. S. M. Shariff	1
6.	Sri. I. Murali Krishna	2
7.	Sri. I. Srinu	2
8.	Sri. S. Ashok Reddy	1
9.	Ms. A. Durga Bhavani	1
10.	Mr. D Krishna chaitanya	4
11.	Mr. P Krishna chaitanya	4
12.	Mrs. K. Sandhya Rani	4
13.	Mr. M.N.V.V. Brahmam	2
14.	Sri. M. Veera Chandra Kumar	4
15.	Sri. G. Bhavanarayana	5
16.	Mr. S. V. V. S. K. Reddy	5
17.	Mr. B. Anil Kumar	1
18.	Mr. M. Mani Shankar	5
19.	Ms.S.Vara Lakshmi	1
Total		47

The following faculty appreciated by DST Texas instruments for academic year 2018-19

S.No.	Name of the Faculty	Project Idea	Certification type
1	Mr. P Krishna chaitanya	Smart farming	Mentor
2	Mr. S. Ashok Reddy	Regenerating electrical car	Mentor
3	Ms. A. Durga Bhavani	Farmers Handkit	Mentor
4	Mr. M. V.Chandra Kumar	Agriidronetech	Mentor
5	Mr. G. Bhavanarayana	Smart bill prediction	Mentor
6	Mrs. K. Sandhya Rani	Smart energy meter	Mentor
7	Mr. M.N.V.V. Brahmam	Wastewatermanagement	Mentor
8	Mr. S. V. V. S. K. Reddy	1.Space Saver Bin, 2. Agribot	Mentor

➤ **The following Faculty members received NPTEL certificates:**

S.NO	Name of the Faculty	Name of the Course	Certification type
1	Dr. B. Rajani	Internet Of Things	Elite with silver
2	Mr. I. Murali Krishna	Internet Of Things	Elite certificate
3	Mrs. K. Sandhya Rani	Internet Of Things	Elite with gold
4	Mr. M.N.V.V. Brahmam	Internet Of Things	Elite certificate
5	Sri. G. Bhavanarayana	Internet Of Things	Course completion
6	Mr. M. Mani Shankar	Internet Of Things	Elite with gold
7	Ms.S.Vara Lakshmi	Internet Of Things	Elite with silver
8	S.V.V.S.K.Reddy	Electromagnetic compatibility	Course completion

1. The following faculty received certificates from Spoken Tutorials ,IIT Bombay in course of ARDUINO exam conducted on 26-03-2019.

S.No.	Name of the Faculty	Name of the Course	Certification type
1.	Dr. K. Sathyanarayana	ARDUINO by ST,IIT Bombay	Course Completion
2.	Dr. B. Rajani		
3.	Mrs. P. Vijaya Prasuna		
4.	Sri. S. M. Shariff		
5.	Sri. I. Murali Krishna		
6.	Sri. I. Srinu		
7.	Sri. S. Ashok Reddy		
8.	Ms. A. Durga Bhavani		
9.	Mr. D Krishna chaitanya		
10.	Mr. P Krishna chaitanya		
11.	Mrs. K. Sandhya Rani		
12.	Mr. M.N.V.V. Brahmam		
13.	Sri. M. V Chandra Kumar		
14.	Sri. G. Bhavanarayana		
15.	Mr. S. V. V. S. K. Reddy		
16.	Mr. B. Anil Kumar		
17.	Mr. M. Mani Shankar		
18.	Ms.S.Vara Lakshmi		

PLACEMENTS OF STUDENTS:

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.	15A31A02A3	Sangadi Kamesh	
10.	16A35A0204	jeevan kumar palakollu	
11.	16A35A0209	Vankadari Praveen	
12.	15A31A0201	Adari Sri Mounika	Capgemini
13.	15A31A0202	Addepalli Anala	
14.	15A31A0203	Ardani Harshita	
15.	15A31A0207	Keerthi Sri Tarani	
16.	15A31A0208	Kondra Purnima Ramya	
17.	15A31A0210	Lankapalli Sirojana Niharika	
18.	15A31A0211	Lolabhattu Jahnvi	
19.	15A31A0213	Muralasetti Anjali	
20.	15A31A0248	Sankurathri Hareen	
21.	15A31A0253	Surath Siva Kumar	
22.	15A31A0265	Kumpatla Mounika	
23.	15A31A0267	Mutyala Hima Priyanka	
24.	15A31A0268	Pirla Satya Devi Anusha	

25.	15A31A0272	Teegala Prasanna Lakshmi	
26.	15A31A0273	Tummalapalli Chandana	
27.	15A31A0275	V Satya Devi	
28.	15A31A0284	Kalyan Goda	
29.	15A31A0285	Kanakala Rohith Sai Swaroop	
30.	15A31A0289	Kotipalli Jaya Prakash	
31.	15A31A0292	Mallareddy Uday Kumar	
32.	15A31A02A3	Sangadi Kamesh	
33.	15A31A02A6	Sivakoti Naga Vijaya Sairam	
34.	15A31A02B0	Vijjana Veerendra	
35.	16A35A0201	Simhadri Vijaya Durga	
36.	16A35A0209	Vankadari Praveen	
37.	16A35A0212	Maddala Sridevi	
38.	16A35A0214	V S Venkatalakshmi Sowmya	
39.	16A35A0217	Chodisetty Swamy Sai Kiran	
40.	16A35A0223	Namala Chaithanya Koushik	
41.	15MD1A0249	V.Keerthi	
42.	15A31A0222	Chukka Chakradhar	
43.	15A31A0225	G Bhagavan Sri Sai Kumar	
44.	15A31A0242	Pinapathruni Venkata Prasad	
45.	15A31A0247	R. V. Surya Narayana Prasanth	
46.	15A31A0255	Thota Venkatesh	Onegene
47.	15A31A02A1	Rednam Siva Narayana Rao	
48.	16A35A0215	Amaladasu Sri Raja Sekhar	
49.	16A35A0218	D. S. N. Siva Govardhan	
50.	16A35A0225	Shiek Mehboob Subani	
51.	15A31A0249	Somanchi Saravan Sarma	Multiplier Solutions
52.	15MD1A0249	V.Keerthi	Infosys
53.	15A31A0265	Kumpatla Mounika	Talentio
54.	15A31A0218	Appasani Nanda Kumar	
55.	15A31A0224	D. Srinivasa Seetharama Dattu	
56.	15A31A0236	Kuntsam Sainadh Manohar	Tripod
57.	15A31A0249	Somanchi Saravan Sarma	
58.	15A31A0251	Sunkara pavan venkata raghu ram	CTS
59.	15A31A0201	Adari Sri Mounika	
60.	15A31A0229	kancharla sai devesh	
61.	15A31A0234	kothara ganesh kumar	
62.	15A31A0235	kunapureddy sai	
63.	15A31A0243	polinati john kennedy	
64.	15A31A0246	rayudu sai rama krishna	
65.	15A31A0258	venkata narendra pavuluri	HGS
66.	15A31A0263	dasi asha jyothi	
67.	15A31A0266	mummidi gayathri	
68.	15A31A0269	sai lakshmi santhoshi pothula	
69.	15A31A0274	undapalli ramya jyothi	
70.	15A31A02A9	vamsi krishna morukurthi	
71.	16A35A0211	ganja rekha devi	
72.	16A35A0203	aaripaka siva vinay bhaskar	
73.	16A35A0204	jeevan kumar palakollu	Ibeon Tech
74.	16A35A0210	vantakula sekhar	

75.	15A31A0238	magapu ganesh	JBS
76.	15A31A0251	sunkara pavan venkata raghu ram	
77.	15A31A02A4	seru kalyan srinivas	
78.	16A35A0225	shiek mehboob subani	Teleperformance
79.	15A31A0206	kakarla sri ananda santhoshi	
80.	15A31A0212	muppana sri divya	
81.	15A31A0217	savarapu jaya sushmasri	
82.	15A31A0276	alla vijay kumar	
83.	15A31A0288	katta sai vinay	

Student Achievements in various activities:

1. Ch.Sree Lakshmi (16A31A0209) of III EEE-A has received district level 1st prize for Elocution on National Voters' day from Kartikeya Mishra, East-Godavari district Collector at Girls high school , Kakinada on 25.01.2019.



2.P. Chandrika (16A31A0215) of III EEE-A has received district level 2nd prize for Essay Writing on National Voters' day from Kartikeya Mishra, East-Godavari district Collector at Girls high school , Kakinada on 25. 01.2019

2. G.Satyam Nandini (14A31A0261) and D.Venkata Sai Subhanand (15A35A0206) of 2017-18 batch has received Pratibha Award-2017 by Andhra Pradesh government on 26.01.2019 at JNTUK, Kakinada.



3. B. A. Satya Sai Sudha Manasa(15A31A0262) of IV EEE-B has received 1st prize for Violin in Youth Festival at Eluru on 30.01.2019.
4. **5. P. Enosh Peter** of III EEE-A has received 3rd prize for Project Model Display entitled with "Electrical Load Control with Bill Prediction Application" in ENCOURS0-2K19 held at JNTUK on 02.03.2019 to 03.03.2019.



6. G. Prakasam of III EEE-A has received 3rd prize for Project Model Display entitled with “Electrical Load Control with Bill Prediction Application” in ENCURS0-2K19 held at JNTUK on 02.03.2019 to 03.03.2019.

7.P. Surya Bhaskar of III EEE-A has received 3rd prize for Project Model Display entitled with “Electrical Load Control with Bill Prediction Application” in ENCURS0-2K19 held at JNTUK on 02.03.2019 to 03.03.2019.

8.Ms.V.S.S.V.L.Soumya, Ms.M.Sridevi, Ms.V.Satya Devi & Ms. A .Sri Mounika ,2019 passed out students of EEE Dept. have secured runners position in KHO.KHO (Women) under chief minister’s cup JNANA-BHERI.

TCS BEST PROJECT AWARD FOR 2015-19 BATCH

- Mr.V.Praveen, Mr.P.Jeevan Kumar, Mr.T.Santosh Reddy, Mr.V.Sekhar and Mr.M.Manikanta Veera Kumar of EEE Department selected for **TCS Best Project Award** for the project entitled as MICROCONTROLLER BASED DRIVERLESS METRO TRAIN for 2015-19 Batch on 17/05/2019.



- Ms.V.Keerthi, Ms.G.Rekha Devi, Ms.N.Chaturya, Mr.V.Venkatesh Prasad, and Mr.Hemanth Durga Srinivas of EEE Department stood in **Third Place** in **TCS Best Project Award** for the project entitled as IOT AND SENSOR BASED SMART ROADS AND INTELLIGENT HIGHWAYS for 2015-19 Batch on 17/05/19

Students Qualified in GATE:

S.NO	NAME	ROLL NUMBER	RANK	YEAR
1	V.Praveen	16A35A0209	3896	2019
2	K.RohithSaiswaroop	14A31A0285	6639	2019
3	B Mahesh Raju	14A31A0277	14012	2019
4	S.NagaVijayaSairam	15A31A02A6	15466	2019
5	G.Kalyan	15A31A0284	18403	2019
6	S.KalyanSrinivas	15A31A02A4	19898	2019

Activity Published In National Level Newsletter:

IEI, EEE dept, Student Chapters activity is published in National level Institute of Engineers Newsletter, volume 1, issue 1, June 2019



Student Paper Publications:

1. P.Nancy Rachel, D.Sophia,G.Sandhya Rani , I.Jahnavi Rishika, P.Sai Annapurna IV EEE-A published paper entitled with "Automatic Water Level Indicator and Controller by using ARDUINO" in International Research Journal Of Engineering And Technology (IRJET), ISSN 2395 – 0056, Volume 6, Issue 4, April 2019, pp no. 5285-5294.
2. M. Harish,M. Dorababu,N.Ch.V. N. Murthy,A. K. Chaitanya of IV EEE-A published paper entitled with "Anti Theft System for Aquaculture" in Pramana Research Journal, ISSN 2249-2976, Volume 9, Issue 4, April 2019, pp no. 485-489. <https://pramanaresearch.org/>
3. K.Santosh, SK.Azeem, V.dilip kumar, Y.sai srinivas of IV EEE-A published paper entitled with " Android Based Home Automation System Using Bluetooth Android Smartphone" in International Journal of Research and Analytical Reviews (IJRAR),ISSN 2349-5138, Volume 6, Issue 2, April 2019, pp no. 944-949.
4. B. SurendraRao, E. Prasanth, R. Siva Sai Teja, Y. Sandeep of IV EEE-A published paper entitled with "RFID Based Smart Voting System" in International Research Journal Of Engineering And Technology (IRJET), ISSN 2395-0056, Volume 6, Issue 4, April 2019, pp no. 1577-1580.
5. P. Sai Ganesh, P. Chandra Naga Prasad, V. Gopal Krishna, N. Vinod of IV EEE-A published paper entitled with "Intelligent Agriculture" in Pramana Research Journal, Volume 9, Issue 4, April 2019, pp no. 505-515. <https://pramanaresearch.org/>
6. B.Jagadeeswari,CH.Sai Anusha,D.Monisha,M.Preethi of IV EEE-A published paper entitled with "Audio Transmission Using Li-Fi Technology" in International Journal of Trend in

- Scientific Research and Development , (IJTSRD), ISSN 2456-6470, Volume 3, Issue 3, April 2019 , pp no. 1008-1011.
7. P.Enosh Peter, G.Prakasam, G.Kishore, P.Surya Bhaskar of IV EEE-A published paper entitled with “Electrical Load Control Using Bill Prediction Application” in International Journal of Trend in Scientific Research and Development , (IJTSRD), ISSN 2349-3585,Volume 11, Issue 4, April 2019, pp no. 184-187.
 8. B.Siva kumar,B.Satya Satwik,N.Anil kumar,A.V.Tarun kumar, of IV EEE-A published paper entitled with “Design Implementation of Bluetooth Based Industrial Automation” in International Journal of Trend in Scientific Research and Development , (IJTSRD), ISSN 2456-1132,Volume 3, Issue 3, April 2019, pp no. 1130-1132.
 9. Gowtham Sai Gadde, Sai Vivek Pidaparathi, Naveen kesavarapu and R. Suresh Kumar of IV EEE-A published paper entitled with “Radar System Using Arduino” in International Journal of Management, Technology And Engineering (IJMTE), ISSN 2249-7455,Volume 9, Issue 4, April 2019, pp no. 1630-1637.
 10. Ch.Nanda kumar, N.Y.S Pawan Teja, Md. Sajid Abbas, Md Aswer Mohiddin of IV EEE-A published paper entitled with “Automatic plant Irrigation System” published in International Journal of Trend in Scientific Research and Development , (IJTSRD), ISSN 2456-6470, Volume 3, Issue 3, April 2019.
 11. K.SaiRakesh, P. SriRaghavendra, R.S.V.Shivaram, T.ch.Bhanuteja of IV EEE-A published paper entitled with “ARDUINO Nano Based All In One Meter” in International Research Journal Of Engineering And Technology (IRJET),, ISSN 2395-1052, Volume 6, Issue 4, April 2019, pp no. 1850-1852
 12. Y.R Vanaja, K.R Harika,V.S Durga, P.D Lakshmi,K.DurgaBhavani of IV EEE-B published paper entitled with “Production of Electricity through Micturation” in International Research Journal Of Engineering And Technology (IRJET), ISSN 2395 – 0056, Volume 6, Issue 4, April 2019, pp no. 2961-2965.
 13. P. Ram Prasad, V. Nani, M. Srinivas, M. Karthik, IV EEE-B published paper entitled with “Automatic Street Light Dimmer Circuit Using Arduino” in Pramana Research Journal, ISSN 2249-2976, Volume 9, Issue 4, April 2019, pp no. 490-497. <https://pramanaresearch.org/>
 14. N.Ram kumar, A.Aditya karthikj. Yamuina, P.Amulya of IV EEE-B published paper entitled with “Smart Dust Bin” in International Journal of Management, Technology And Engineering (IJMTE), ISSN 2249-7455, Volume IX, Issue V, April 2019, pp no. 2971-2977.
 15. G.Srinivas, G.M.Raju, D.Ramesh, S.Sivaram of IV EEE-B published paper entitled with “Smart Blind Stick Connected System Using ARDUINO” in International Journal of Research and Analytical Reviews (IJRAR),ISSN 2349-5138, Volume 6, Issue 2, April 2019, pp no. 934-939.
 16. S.L.B.Teja, K.Ravi Ganesh, S.Ramu, T.Veerababu of IV EEE-B published paper entitled with “Home Automation Interfaced Bluetooth Control ” in International Research Journal Of Engineering And Technology (IRJET),, ISSN 2395-1052, Volume 5, Issue 4, April 2019, pp no. 549-551
 17. P. Santhosh kumar, V. Bhanuvenkatesh, S. Lakshmunaidu, B. Satyathrimurthulu of IV EEE-B published paper entitled with “Automatic Water Controller Using IC 555 TIMER” in International Journal of Trend in Scientific Research and Development , (IJTSRD), ISSN 2349-3585, Volume 11, Issue 4, April 2019, pp no. 174-177.

18. A.Venkatesh, B.Ramkireeti, M.Ajaydora, P.Lokeshkumar of IV EEE-B published paper entitled with “Automatic Irrigation System Using Arduino Uno” in International Journal of Management, Technology And Engineering (IJMTE), ISSN 2249-7455, Volume 9, Issue 4, April 2019, pp no. 1655-1661.
19. A.S.Venkatasri, K.Ramakrishna, T.Sri Pavan, Y.Rushi Pavan, I.Prabath Cowdary of IV EEE-A published paper entitled with “line following and maze solving robot” in International Journal of Research & Development in Technology (IJRDT), ISSN 2349-3585, Volume 11, Issue 4, April 2019, pp no. 139-143.
20. A.Ram sai charan, A.Pardhasaradhi, B.Satya sai praveen, O.Vishnu chakra datta of IV EEE-B published paper entitled with “Automatic Irrigation System Using Arduino Uno” in International Journal of Management, Technology And Engineering (IJMTE), ISSN 2249-7455, Volume 9, Issue 4, April 2019.
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22. G.Chakra Mahesh babu, I.Mahesh veera Bhadrarao, M.Venkata Balaji, Ch.Sai Praveen of IV EEE-B published paper entitled with “Automated Timer socket using Arduino” published in International Journal of Trend in Scientific Research and Development , (IJTSRD), ISSN 2456-6470, Volume 3, Issue 3, April 2019, pp no. 1374-1377
23. A. Sriharsha Kumar, Ch. Venkatesh, K. V. Durga Prasad, S. Balaji of IV EEE-B published paper entitled with “Digital Tachometer using Aurdino” published in International Journal of Trend in Scientific Research and Development , (IJTSRD), ISSN 2456-6470, Volume 3, Issue 3, April 2019, pp no. 1341-1342
24. B Satya Sai Praveen, A.Ram Sai Charan, O.Vishnu Chakra Datta A.Pardhasaradhi of IV EEE-B published paper entitled with “Hybrid Energy System For Lightning Of Highways” in International Journal of Management, Technology And Engineering (IJMTE), ISSN 2249-7455, Volume 9, Issue 4, April 2019.
25. P.S.Sindhu Ayyagari, P. Vennela, P. Mounika Priya, V.S. Raja Rajeswari of IV EEE-B published paper entitled with “Smart Alignment System in International Research Journal Of Engineering And Technology (IRJET),, ISSN 2395-1052, Volume 6, Issue 4, April 2019, pp no. 1976-1978
26. B.Vijay Kumar, G. Maneswara Rao, J. Yaswanth Kumar, S.Hari Krishna of IV EEE-B published paper entitled with “Touch Dimmer Switch Circuit” in International Research Journal Of Engineering And Technology (IRJET),, ISSN 2395-1052, Volume 6, Issue 4, April 2019, pp no. 1971-1973
27. Y.Sri Ssha sai, G.V.Surya bharat, G.V.B.Swamy, A.S.S.V.J.Krishna Vamsi of IV EEE-A published paper entitled with “Detection of Gas & alert by using Arduino Uno & MQ2 Sensor” in Pramana Research Journal, ISSN 2249-2976, Volume 9, Issue 6, June 2019, <https://pramanaresearch.org/>

THREE DAY WORKSHOP ON MATHEMATICAL OPERATIONS WITH SCI LAB:

The Department of Electrical and Electronics Engineering conducted “A Three Day Workshop on Mathematical Operations with SCI LAB for Engineering Applications” in association with APSSDC Slot-2 Organized on 02.01.2019 to 04.01.2019 in CAD-CAM lab. 48 students of I EEE has participated in this workshop. And Slot-3 Organized on 07.01.2019 to 09.01.2019 in CAD-CAM lab. 48 students of I EEE has participated in this workshop



SPORTS DAY CELEBRATIONS:

The Department of Electrical and Electronics Engineering Celebrated Sports day on 10-1-2019. Winners and runners are appreciated with prizes and certificates

➤ **List of runner students participated in Volley ball held at pragati engineering college**

N.Chandra Mouli (16A31A0242), Y.Sandeep(17A35A0216), R. Suresh Kumar(17a35a0214), B.Surrendra Rao(17a35a0205), Ch.Venkatesh(16a31a0280), B.Sai Krishna(16a31a0278), V.Nani(16a31a02a9), A.V.Tarun Kumar(16a31a0216), M. Satya Kalayan Varma(16a31a0234), P.Ajay Kumar(16a31a0246).



➤ **List of runner students participated in KHO-KHO held at pragati engineering college.**

M.S.S.S.Sandeep(C) (17A31A0238), E.Nitish Kumar(17A31A0229), K.Raja(17A31A0235), Ch.Srinivas(17A31A0227),R.Subhash(17A31A0231),Y.Manohor(17A31A0258), A.Jagan (17A31A0223), K.Kanishka(17A31A0233), V.Akhil (17A31A0256), Ch.Sandeep (17A31A0226)

➤ **List of winner students participated in KHO-KHO held at pragati engineering college:**

P.Ramesh(16A31A0283), A.Venkatesh(16A31A0218), K.Santosh(16A31A0222), Ch. Venkatesh(16A31A0280), K.Durgaprasad(16A31A0290), P. Surya Bhasakar(17A35A0227), S.Ramu(17A35A0231), A.Pardhasaradhi(16A31A0275), Sk.Basheer(16A31A02A6), M.Raju(16A31A0284)



- List of winner students participated in KHO-KHO (WOMEN) held at pragati engineering college.

M.Sridevi(c) (16A35A0212), V.S.S.V.L.Sowmya(16A35A0214), A.Mounika(15A31A0201), T.Chandana(15A31A0273), K.Purnimaramya(15A31A0208), P.Satya Devi Anusha(15A31A0268), V.Satya Devi(15A31A0275)

List of students participated in 100 meters run held at pragati engineering college.

S.No	Roll Number	Name Of The Student	Year	Result
1	16A35A0212	M. sridevi	IV	silver

List of students participated in 400 meters run held at pragati engineering college.

S.No	Roll Number	Name Of The Student	Year	Result
1	16A35A0212	M. Sridevi	IV	silver



Relay (4x100)

S.NO	Rollnumber	Name of the student	Year
1	16A35A0212	M.Sridevi	IV
2	16A35A0214	V.S.S.V.L .Sowmya	IV
3	15A31A0273	T.Chandana	IV
4	16A31A0210	D.Monisa	III

Relay (4x100) silver

S.NO	Rollnumber	Name of the student	Year
1	17A31A0235	K.Raja	II
2	17A31A0238	M.S.S.S.SANDEEP	II
3	17A31A0226	CH.SANDEEP	II
4	17A31A0249	T.CHINNABABU	II



Tennikoit doubles

S.No	Rollnumber	Name Of The Student	Year
1	16A31A0214	M.PRETHI	III
2	16A31A0213	I.RISHIKA	III



➤ WORLD DAY OF THE SICK

World Day of the Sick was celebrated by EEE Dept., in association with Rotaract club members on 11th February, 2019. On this occasion to create awareness and promoting the importance of health, poster presentation and paper presentation were conducted among the students on topic “**Health awareness**”. This event was coordinated by Ms S. Varalakshmi, Asst. Prof, EEE Dept., conducted in room no : G10 at 2.30p.m to 3.50p.m. The following winners are awarded with prizes and certificates.

Events and winners

Paper presentation – 1)P.Naga Vandana(17A31A1224)-1st prize)-II IT
 2)K.Sai Manikanta(17A31A04A7)- 2nd prize II ECE -C
 Poster presentation– 1)M.Sai Srikari (17A31A0211)&
 M.Vijaya lakshmi(17A31A0208) II EEE A(1st prize)



➤ WORLD THINKING DAY

Department of Electrical & Electronics Engineering initiated the student's chapter, The Institution of Engineers(India) under this **World Thinking Day** was celebrated by EEE Dept., in association with Prakruti club members on 22nd February, 2019. On this occasion paper presentation was conducted on the theme of "**Leadership**". This event was coordinated by Ms S. Varalakshmi, Asst. Prof, EEE Dept., and Ms K.Chaitanya sri, Asst. Prof, ECE Dept., conducted in room no :G12 at 2.30 p.m to 3.50 p.m.40 students participated in this event. The following winners are awarded with prizes.

Events and winners

Paper presentation – 1) M.Sam mores sastry (17A31A1298)- II EEE B - 1st prize
P S RS Hanvesh(17A5A0212) -II EEE A
2) T.Bhavani (17A5A0203) -II EEE A- 2nd prize
G. Vishali(17A5A0202) -II EEE A



- **The Institution Of Engineers (India) students Chapter of EEE department & B.S&H Department (Mathematics)** jointly organized the technical quiz on "Engineering Mathematics & Applications" on 21-02-2019. 30 students in 10 batches each batch consisting of 3 students each, the quiz was conducted in three rounds
Winners are

R. Ganga Pavani,
S.Datta Sai Vinay,
MRVN Vamsi(I CSE-B) &
B.Satya Akhila(I EEE-B),
T.Sai Kishore(I EEE-B),
Y Raghurvi Vijay(I E.C.E -D).



A Two-day Workshop on "Introduction to MATLAB Programming"

The Institution Of Engineers (India) students Chapter of EEE department has conducted A Two-day Workshop on "Introduction to Matlab Programming". On 26-02-2019 the workshop was inaugurated by Dr. P. Krishna Rao(Chairman) in presence of resource person Sri J. PremKumar (CapricotTechnologies,SriM.Satish(VicePresident),Dr.S.SambhuPrasad(Principal), Dr.K.Satyanarayana(Honorary Adviser Students Chapter, HOD- EEE) .A total of 40 students participated from 2nd year including the student members. The hands on session was conducted on both days and concluded on 27-02-2019.



NATIONAL SCIENCE DAY

National Science day was celebrated by The Institution Of Engineers (India) students Chapter of EEE department organized a seminar on the eve of science day 28-02-2019 with the theme “Science for People & People for Science”. Dr.P.V.S.Machiraju Dean R&D has addressed the students and emphasized students on the role of people in science and development.70 students participated in the seminar. Dr.S.Sambhu Prasad (Principal) has attended the event as chief guest of honour, Dr.K.Satyanarayana Faculty advisor & HOD E.E.E has graced the event and addressed student about their role in science & development



➤ The following students received NPTEL certificate:

S.no	Roll no	Name of the candidate	Course Name	Certification type
1	16A31A0296	M.VENKATA BALAJI	Advances in UHV Transmission&Distribution	Elite
2	17A35A0220	CHAKRA MAHESH BABU	Advances in UHV Transmission&Distribution	Successfully completed
3	17A31A0297	MANCHIRAJU V S S RAMAKRISHNAKANTH	Introduction to Internet of Things	Elite+Silver
4	17A31A02A7	RAMAYANAM SAI SUNANDH	Introduction to Internet of Things	Elite+Silver
5	16A31A0298	N.RAM KUMAR	Introduction to Internet of Things	Elite

6	16A31A0298	N.RAM KUMAR	Electrical Vehicles-1	Elite
7	16A31A0296	M.VENKATA BALAJI	Machine Learning, ML	Successfully completed
8	16A31A0296	M.VENKATA BALAJI	Electric Vehicles - Part 1	Successfully completed
9	16A31A02B1	ACHANTA S S V J KRISHNAVAMSI	Enhancing Soft Skills and Personality	Elite+Silver

WORLD PEACE AND UNDERSTANDING DAY

World Peace And Understanding Day was celebrated under The Institution Of Engineers (India) students Chapter of EEE department & B.S&H Department(Physics) jointly organized the essay writing competition on “Leaving no one behind” on 23-02-2019. 54 students participated in essay writing competition from the college and the winners are

1. Ch.Sri lakshmi(III E.E.E-A) 1stPrize
2. P.Chandrika(III E.E.E-A) 2nd Prize
- 3.G.Sravanitha(III E.E.E-A) 3rd Prize

The event was graced by Dr K.Satyanaryana faculty Advisor for students chapter & distributed prizes to winners on the eve of World Peace And Understanding Day.

TEN DAY'S WORKSHOP ON “EMBEDDED SYSTEMS”(15th-25th May2019):

The Institution Of Engineers (India) students Chapter of EEE department has conducted A ten day Summer Workshop on “Embedded Systems” in association with APSSDC on 15th May 2019. The workshop was inaugurated by Dr. K. Satyanarayana (Honorary Adviser Students Chapter, HOD- EEE) in presence of resource person Sri. T.Venkata Siva Reddy(Electronics Engineer, APPSDC) in CP Lab-1. Dr.K.Satyanarayana, HOD-EEE expressed his happiness over the conduction of programme & said that, workshop is planned to correlate the theory & practical concepts.26 members from I & II B.Tech E.E.E were actively participated. The Workshop was concluded on 25th May 2019.



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G. Vijay Kumar (III EEE-283)