

# PRAGATI ENGINEERING COLLEGE

## ELECTRICAL TIMES

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## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

### ***ABOUT THE DEPARTMENT:***

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

#### **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 IE(I) 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” for last eleven years. Eminent personalities from various colleges and Universities are invited to act as Judges and made it a grand success.

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

**LIST OF FACULTY MEMBERS:**

- |                               |  |
|-------------------------------|--|
| 1. Dr. K. Sathyanarayana      | M.Tech, Ph.D, MIE, MIEEE, MISTE, C Eng |
| 2. Dr. G.Naresh               | M.Tech, Ph.D, MIEEE, MISTE             |
| 3. Mrs. P. VijayaPrasuna      | M.Tech                                 |
| 4. Mr.S.Ashokreddy            | M.Tech                                 |
| 5. Mrs. K. Sandhya Rani       | M.Tech                                 |
| 6. Mr. G.Bhavanarayana        | M.Tech                                 |
| 7. Mr.M.Veera Chandra Kumar   | M.Tech                                 |
| 8. Mr.MNVV Brahmam            | M.Tech                                 |
| 9. Mr. M. Mani Shankar        | M.Tech                                 |
| 10. Ms.S.Vara Lakshmi         | M.Tech                                 |
| 11. Mr. K.Siva Shankar        | M.Tech                                 |
| 12. Mrs.V.R.V.S.Saivalli      | M.Tech                                 |
| 13. Mrs. G. Durga Devi        | M.Tech                                 |
| 14. Mrs. Ch.V.V.Manga Lakshmi | M.Tech                                 |
| 15. Mrs.M.Manga Lakshmi       | M.Tech                                 |
| 16. Mr. M.Satya Harish        | M.Tech                                 |
| 17. Mr. Ch.Pavankumar         | M.Tech                                 |
| 18. Ms. S.Sravani             | M.Tech                                 |
| 19. Mr.B.Rathankumar          | M.Tech                                 |
| 20. Mr.K.V. Durga Prasad      | M.Tech                                 |
| 21. Mr.T.Prasanthjayakumar    | M.Tech                                 |
| 22. Mr.S.Sudhakarrasamsetti   | M.Tech                                 |
| 23. Mr.B.Veerababu            | M.Tech                                 |
| 24. Ms.P.Sandhya              | M.Tech                                 |
| 25. Mr.K.SreeHarsha           | M.Tech                                 |
| 26. Mr.K.Sriramurthy          | M.Tech                                 |
| 27. Ms. M.Triveni             | M.Tech                                 |
| 28. Mr.B.Pradeep Raj Vardhan  | Visiting Faculty                       |

**Departmental Activities:**

AICTE-ISTE has sanctioned Refresher/Induction program for faculty members on “Hybrid Energy Storage Systems-DPE”

S No.	Project Title	Funding Agency	Total fund sanctioned	Principal Investigator	Duration	Year
1	Hybrid Energy storage systems-DPE.	AICTE-ISTE Refresher Programme	Rs.3,00,000/-	Dr.K. Satyanarayana	Phase-I Phase-II Phase-III	24.3.2021 to 30.3.2021 28.4.2021 to 4.5.2021 19.5.2021 to 25.5.2021



## Department of Electrical &amp; Electronics Engineering

**AICTE-ISTE REFRESHER/INDUCTION PROGRAMME**

S.No	Academic Year	Title of the Short term Training Program	Name of the Resource Person(s)	Date (s)	No. of certified Participants
1	2020-21	one week AICTE-ISTE Sponsored Refresher/Induction Programme Phase-I on "Hybrid Energy Storage Systems-DPE"	<ol style="list-style-type: none"> <li>1. Dr. M Ramalinga Raju, Vice Chancellor JNTUK</li> <li>2. Dr. Chandrasekhar Perumalla, Assistant Professor of Electrical Sciences, IIT Bhubaneswar</li> <li>3. M P Selvan, Associate Professor of EEE, NIT Tiruchy</li> <li>4. Dr P Sankar, Assistant Professor, NIT Andhra Pradesh</li> <li>5. Dr. Ravindra Kollu, Associate Professor of EEE, UCEK, JNTUK</li> <li>6. Dr S Moorthi, Associate professor of EEE NIT Tiruchi</li> <li>7. Dr Deepak R Pullaguram, Assistant Professor - Electrical Engineering Department NIT Warangal</li> <li>8. Dr S Mageshwari, Assistant professor of EEE, NIT-Trichy</li> <li>9. Dr. Sheshadri Sravan Kumar Assistant Professor of EE, IIT Hyderabad</li> <li>10. Dr. Srinivas Bhasker Karanki, Assistant Professor of Electrical sciences, IIT Bhubaneswar</li> <li>11. Dr Y Chandra Shekar, Assistant Professor - Electrical Engineering Department NIT Warangal</li> <li>12. Dr. B Dastagireddy, Assistant Professor in EEE, NIT <u>surathkal</u></li> <li>13. Dr Ravindra Dogga, Founder and director of Zunic energies Ltd. Hyderabad</li> </ol>	24-03-2021 to 31-03-2021	64
2	2020-21	one week AICTE-ISTE Sponsored Refresher/Induction Programme Phase-II on "Hybrid Energy Storage Systems-DPE"	<ol style="list-style-type: none"> <li>1. Dr Josephine. R. L Assistant Professor of EEE, NIT Trichy</li> <li>2. Dr. Chandrasekhar Perumalla, Assistant Professor of Electrical Sciences, IIT Bhubaneswar</li> <li>3. M P Selvan, Associate Professor of EEE, NIT Tiruchy</li> <li>4. Dr P Sankar, Assistant Professor, NIT Andhra Pradesh</li> <li>5. Dr. Ravindra Kollu, Associate Professor of EEE, UCEK, JNTUK</li> <li>6. Dr S Moorthi, Associate</li> </ol>	28-04-2021 to 04-05-2021	73

			<p>professor of EEE NIT Tiruchi</p> <p>7. Dr Deepak R Pullaguram, Assistant Professor - Electrical Engineering Department NIT Warangal</p> <p>8. Dr S Mageshwari, Assistant professor of EEE, NIT-Trichy</p> <p>9. Dr. Srinivas Bhasker Karanki, Assistant Professor of Electrical sciences, IIT Bhubaneswar</p> <p>10. Dr Y Chandra Shekar, Assistant Professor - Electrical Engineering Department NIT Warangal</p> <p>11. Dr. B Dastagireddy, Assistant Professor in EEE, NIT <u>surathkal</u></p> <p>12. Dr Ravindra Dogga, Founder and director of Zunic energies Ltd. Hyderabad</p>		
3	2020-21	one week AICTE-ISTE Sponsored Refresher/Induction Programme Phase-III on "Hybrid Energy Storage Systems-DPE"	<p>1. Dr. Chandrasekhar Perumalla, Assistant Professor of Electrical Sciences, IIT Bhubaneswar</p> <p>2. M P Selvan, Associate Professor of EEE, NIT Tirchy</p> <p>3. Dr P Sankar, Assistant Professor, NIT Andhra Pradesh</p> <p>4. Shri. AVLK Jagannadha Sharma,Dy. Executive Engineer, APPCC,Vidyuth Soudha,Vijayawada</p> <p>5. Dr S Moorthi, Associate professor of EEE NIT Tiruchi</p> <p>6. Dr Deepak R Pullaguram, Assistant Professor - Electrical Engineering Department NIT Warangal</p> <p>7. Dr S Mageshwari, Assistant professor of EEE, NIT-Trichy</p> <p>8. Dr. Sheshadri Sravan Kumar Assistant Professor of EE, IIT Hyderabad</p> <p>9. Dr. Srinivas Bhasker Karanki, Assistant Professor of Electrical sciences, IIT Bhubaneswar</p> <p>10. Dr Y Chandra Shekar, Assistant Professor - Electrical Engineering Department NIT Warangal</p> <p>11. Dr. B Dastagireddy, Assistant Professor in EEE, NIT <u>surathkal</u></p> <p>12. Dr Ravindra Dogga, Founder and director of Zunic energies Ltd. Hyderabad</p>	19-05-2021 to 25-05-2021	77



➤ one week online workshop Organized by the EEE Dept in Association with APSSDC:

EEE Department student’s chapter, Institution of Engineers (India) in association with APSSDC Organized a one week online Workshop on “Fundamentals of Drone Technology” from 24-05-2021 to 29-5-2021. 124 Students of II, III & IV EEE participated and certified through this workshop



S.No	Roll Number	Name of the student	year	S.No	Roll Number	Name of the student	year
1	19A31A0253	Valluri swaroop	II EEE-A	63	18A31A0213	Thota Sruthi	III EEE-A
2	19A31A0218	P.Sai Rama Aparna	II EEE-A	64	18A31A0246	Prasanth Kumar Sahu	III EEE-A
3	19A31A0208	G G Venkatalakshmi	II EEE-A	65	18A31A0235	Kondapu Madhu	III EEE-A
4	20A35A0212	Ch.Keerthi kumar	II EEE-A	66	18A31A0233	K Satya nukesh	III EEE-A
5	20A35A0206	N Satya Krishna	II EEE-A	67	18A31A0232	K Umar Satish Kumar	III EEE-A
6	19A31A0231	K Veerababu	II EEE-A	68	18A31A0236	K Ch venkata reddy	III EEE-A
7	19A31A0225	Ch B S P Sri Harsha	II EEE-A	69	18A31A0204	Akanksha	III EEE-A
8	19A31A0249	Sk Abid Hussain	II EEE-A	70	18A31A0206	K Ganga Bhavani	III EEE-A
9	19A31A0204	D.S.N.L PRIYANKA	II EEE-A	71	18A31A0241	N s lakshmana ramesh	III EEE-A
10	18A31A0229	Lokesh duggudurthi	II EEE-A	72	18A31A0249	V Tarun Kumar	III EEE-A
11	19A31A0248	Seela Gowtham	II EEE-A	73	18A31A0211	Ramyasri Pachhigolla	III EEE-A
12	19A31A0216	Naidu Srujana	II EEE-A	74	18A31A0254	Vamsi Krishna yejju	III EEE-A

13	19A31A0205	D.Sri Dhanya	II EEE-A	75	18A31A0216	Vankayala varshitha	III EEE-A
14	20A35A0209	Ramanuz S	II EEE-A	76	18A31A0237	Makineedi Akash	III EEE-A
15	19A31A0254	V Manideep	II EEE-A	77	18A31A0281	A.Satish	III EEE-B
16	19A31A0226	Ch Chakradhari	II EEE-A	78	19A35A0216	Galla Vijay Sagar	III EEE-B
17	19A31A0209	Inti.sadhvika jani	II EEE-A	79	19A35A0218	Syam Sundar	III EEE-B
18	19A31A0219	Jhansidivya s	II EEE-A	80	18A31A0264	Koyya Monika	III EEE-B
19	19A31A0292	kona naga pavan	II EEE-B	81	18A31A0268	Harika Narukula	III EEE-B
20	19A31A0276	Y NS G Praneetha	II EEE-B	82	18A31A0263	Ramya Koppiseti	III EEE-B
21	19A31A0279	Sudheer.A	II EEE-B	83	19A35A0212	Y mahima anjeelina	III EEE-B
22	19A31A02B2	Siva Yarramneedi	II EEE-B	84	18A31A0283	Ch Siva Rama Krishna	III EEE-B
23	19A31A0264	K N HPravallika	II EEE-B	85	19A35A0213	A J Prasanth Kumar	III EEE-B
24	19A31A02A2	P krishna swamy	II EEE-B	86	18A31A0265	M. Tejaswi	III EEE-B
25	19A31A0280	Phaneendra B	II EEE-B	87	18A31A0280	ABDUL Safru Qureshi	III EEE-B
26	19A31A0299	Psv manoj	II EEE-B	88	19A35A0225	Sai Shyam Vedula	III EEE-B
27	19A31A0258	Gayatri bikkina	II EEE-B	89	18A31A02A1	R. V. V. Satyanarayana	III EEE-B
28	19A31A0259	Ch.P Mani Tejaswi	II EEE-B	90	18A31A0260	Chodiseti Anjani	III EEE-B
29	19A31A0269	M SSV kusuma	II EEE-B	91	18A31A02A5	Mani Vamsi	III EEE-B
30	19A31A0268	M L Pratyusha	II EEE-B	92	18A35A0201	Dharani Chowdary	IV EEE-A
31	19A31A0265	Kasimeda Rojamani	II EEE-B	93	17A31A0242	P venkata Siva sairam	IV EEE-A
32	20A35A0226	P.Hemanth	II EEE-B	94	18A35A0203	T Bhavani	IV EEE-A
33	20A35A0221	M S manikanta	II EEE-B	95	17A31A0250	Tentu Kashyap Kumar	IV EEE-A
34	19A31A0263	Kadimi.Lalitha devi	II EEE-B	96	17A31A0208	M Vijayalakshmi	IV EEE-A
35	19A31A0261	G. Vara sri reshma	II EEE-B	97	17A31A0244	Ravipati Akhil Ganesh	IV EEE-A
36	20A35A0216	K. S Subrahmanyam	II EEE-B	98	17A31A0246	Sanipilli sai satish	IV EEE-A
37	20A35A0219	M sai siva kumar	II EEE-B	99	17A31A0224	Surya Sai Raja Burra	IV EEE-A
38	19A31A0283	Ch v manjaneya	II EEE-B	100	17A31A0204	Snigdha kakarlapudi	IV EEE-A
39	19A31A0281	B Ramakrishna	II EEE-B	101	17A31A0206	Kukkala ramya	IV EEE-A
40	19A31A0267	M Durga Malleswari	II EEE-B	102	17A31A0212	N Sushmareddy	IV EEE-A
41	19A31A0271	Supriya	II EEE-B	103	17A31A0254	vatturi siva sai Phani	IV EEE-A
42	20A35A0217	K v v s b prasad	II EEE-B	104	17A31A0236	L.Lokabhiram	IV EEE-A
43	19A31A0285	Gedela Dinesh	II EEE-B	105	17A31A0217	Mounika	IV EEE-A
44	19A31A02A0	Shyam kumar p	II EEE-B	106	17A31A0233	K Kanishka Chowdary	IV EEE-A
45	19A31A0278	A N V V D S prasad	II EEE-B	107	18A35A0202	Vishali Gandharapu	IV EEE-A
46	19A31A0286	G Varun Teja	II EEE-B	108	17A31A0243	Raja Ramireddy	IV EEE-A
47	20A35A0224	Bhavani prasad G	II EEE-B	109	17A31A0214	Sathi keerthi priyanka	IV EEE-A
48	20A35A0215	M S Devi Hari Priya	II EEE-B	110	17A31A0248	R.Subhash	IV EEE-A
49	19A31A0294	M.krishna praveen	II EEE-B	111	17A31A0238	M S S S sandeep	IV EEE-A
50	19A31A0272	Satti.Sofia Sugandhi	II EEE-B	112	17A31A0249	Chinababu Taritla	IV EEE-A
51	19A31A0260	C Tulasi Lakshmi	II EEE-B	113	17A31A0207	Vidya Magapu	IV EEE-A
52	18A31A0253	Dheeraj Y	III EEEA	114	18A35A0207	Rama krishna kasi	IV EEE-A
53	18A31A0245	P s venkata ganesh	III EEEA	115	17A31A0201	Boddeti Priyanka	IV EEE-A
54	18A31A0208	M N S Subbalakshmi	III EEEA	116	18A35A0212	Hanvesh Pinapothu	IV EEE-A
55	18A31A0223	Ch Vara Prasad	III EEEA	117	17A31A0239	Govardhan Reddy M	IV EEE-A
56	19A35A0208	Seshapu venkat	III EEEA	118	18A35A0204	Pradeep Kumar B	IV EEE-A
57	18A31A0243	Pentakota prasad	III EEEA	119	17A31A0289	Sriram Datta Kommu	IV EEE-B



58	18A31A0240	NAIDANI.VAMSI	III EEEA	120	17A31A0259	B.Kalyani	IV EEE-B
59	18A31A0207	Sujatha Medapati	III EEEA	121	17A31A0264	M V Sai Sri Pratyusha	IV EEE-B
60	18A31A0255	Y Naga Surendra	III EEEA	122	18A35A0217	Chiranjeevi Vuyyurie	IV EEE-B
61	18A31A0244	P.S.S.D.ANILKUMAR	III EEEA	123	17A31A02B0	Sesetti Mehar Aditya	IV EEE-B
62	18A31A0205	Naga Durga koreddy	III EEEA	124	18A35A0214	M padma sai bhavani	IV EEE-B

## Faculty Participations:

### ➤ National/International Faculty Development Programmes:

- Dr. G Naresh**, attended AICTE Sponsored online STTP (Phase-II) on “The role of Smart Grids on Loss reduction and Rural Electrification” organized by Dept. of EEE, New Horizon College of Engineering during 4<sup>th</sup> -9<sup>th</sup> January, 2021.
- Dr. G Naresh**, attended “Higher Education Conclave on NBA and ABET” organized by Mastersoft ERP Solutions Pvt. Ltd. on 9<sup>th</sup> January, 2021.
- Dr. G Naresh**, attended National Level Webinar on “Basics of DC Microgrid” organized by Dept. of EEE, Latha Madhavan Engineering College, Madurai on 23<sup>rd</sup> January, 2021.
- Dr.K.Satyanarayana**, attended a online Orientation/Refresher programme on the Topic of “Industrial Automation and control” by G.Pulla Reddy Engineering College (Autonomous), Kurnool,AP from 08.03.2021 to 13.03.2021
- Dr. G Naresh**, attended National Level Online Workshop on “The Revised Accreditation Framework of NAAC: 2020, The Practice of Quality Initiatives by IQAC for the Quality Enhancement in HEIs” organized by IQAC of Vignan Institute of Information Technology , Visakhapatnam during 14<sup>th</sup> -15<sup>th</sup> May, 2021.
- Dr. G Naresh**, attended a webinar on “National Education Policy-2020 for HEIs” organized by IIC of Pragati Engineering College on 29<sup>th</sup> May, 2021
- Mrs K.Sandhyrani**, attended a online Faculty development programme on the Topic of Online teaching and Learning Technologies organized by Motilal Nehru National Institute of Technology Allahabad from 14.06.2021 to 18.06.2021
- Mrs K.Sandhyrani**, attended a Five day online AICTE Training and Learning(ATAL) Academic FDP on the Topic of Fuel Cell Technology organized by National Institute of Technology Rourkela from 21.06.2021 to 25.06.2021
- Dr.K.Satyanarayana** attended a Seven days online Faculty development programme on the Quality Assesment& Enhancement in Higher Education in the light of New Framework of NAAC organized by GHG Khalsa College of Education from 22.06.2021 to 29.06.2021
- Dr.K.Satyanarayana** attended a Five day online AICTE Training and Learning(ATAL) Academic FDP on the Topic of “Power Electronics Applications in Smart Grids and Electric Vehicles(PEASE-2021)” by National Institute of Technology Rourkela from 25.06.2021 to 29.06.2021
- Dr. G Naresh**, attended a Workshop on “Entrepreneurship Development” organized by Dept. of Marine Engineering, AMET Deemed to be University, Chennai on 17<sup>th</sup> June, 2021
- Dr. G Naresh**, attended Three days Faculty Development Programme on “Outcome Based Education and Accreditation Processes” jointly organized by the Departments of Computer Science and Engineering of Nehru Institute of Engineering and Technology & Nehru Institute of Technology , Coimbatore, Tamil Nadu, in association with Computer Society of India, from 17.06.2021 to 19.06.2021
- Mr K.Sree Harsha**, attended a online International Faculty development programme on the Topic of “Modern Trends in power Electronics and their Applications” organized by Vidya Jyothi Institute of Technology, Hyderabad from 28.06.2021 to 2.07.2021

➤ Short Term Training Programmes/ Refresher programmes:

The following faculty attended STTPs:

1. **Dr.K.Satyanarayana** attended online AICTE sponsored-STTP on the Topic of “Moral, Values, Attitude and Behavior Sciences ” organized by GL Balaji Institute of Technology & Management, Gr. Noida(UP), India from 08.02.2021 to 13.02.2021
2. **Mr.K.Sree Harsha** attended online AICTE sponsored -STTP on the Topic of “Simulation tools for Electrical Engineering & Its real time applications” organized by Kallam Haranadhareddy Institute of Technology from 28.06.2021 to 3.06.2021
3. **Dr.K.Satyanarayana** attended online AICTE sponsored-STTP on the Topic of “Strategic Planning for Higher Education Institutions: Challenges , Tools & Techniques” organized by Model Institute of Engineering & Technolgy, Kot Bhalwal,Jammu from 07.06.2021 to 12.06.2021

The following faculty have attended the ISTE-Refresher programmes:

1. **Mrs K.Sandhyani**, attended one week AICTE-ISTE Sponsored Refresher/Induction Programme Phase-I on “Hybrid Energy Storage Systems-DPE” organized by EEE Dept of Pragati Engineering College from 24.03.2021 to 31.03.2021
2. **Ms S.Varalakshmi**, attended one week AICTE-ISTE Sponsored Refresher/Induction Programme Phase-I on “Hybrid Energy Storage Systems-DPE” organized by EEE Dept of Pragati Engineering College from 24.03.2021 to 31.03.2021
3. **Mr R.Satya sudhakar**, attended one week AICTE-ISTE Sponsored Refresher/Induction Programme Phase-I on “Hybrid Energy Storage Systems-DPE” organized by EEE Dept of Pragati Engineering College from 24.03.2021 to 31.03.2021
4. **Mrs P.Vijaya prasuna**, attended one week AICTE-ISTE Sponsored Refresher/Induction Programme Phase-I on “Hybrid Energy Storage Systems-DPE” organized by EEE Dept of Pragati Engineering College from 24.03.2021 to 31.03.2021
5. **Mr M.Satya Sudhakar**, attended one week AICTE-ISTE Sponsored Refresher/Induction Programme Phase-I on “Hybrid Energy Storage Systems-DPE” organized by EEE Dept of Pragati Engineering College from 24.03.2021 to 31.03.2021
6. **Mr Ch.Pavan kumar**, attended one week AICTE-ISTE Sponsored Refresher/Induction Programme Phase-I on “Hybrid Energy Storage Systems-DPE” organized by EEE Dept of Pragati Engineering College from 24.03.2021 to 31.03.2021
7. **Mr B.Rathan Kumar**, attended one week AICTE-ISTE Sponsored Refresher/Induction Programme Phase-I on “Hybrid Energy Storage Systems-DPE” organized by EEE Dept of Pragati Engineering College from 24.03.2021 to 31.03.2021
8. **Mr K.Sivasankar**, attended one week AICTE-ISTE Sponsored Refresher/Induction Programme Phase-I on “Hybrid Energy Storage Systems-DPE” organized by EEE Dept of Pragati Engineering College from 24.03.2021 to 31.03.2021
9. **Mr K.V.Durga prasad**, attended one week AICTE-ISTE Sponsored Refresher/Induction Programme Phase-I on “Hybrid Energy Storage Systems-DPE” organized by EEE Dept of Pragati Engineering College from 24.03.2021 to 31.03.2021
10. **Mr K.Sree Harsha**, attended one week AICTE-ISTE Sponsored Refresher/Induction Programme Phase-I on “Hybrid Energy Storage Systems-DPE” organized by EEE Dept of Pragati Engineering College from 24.03.2021 to 31.03.2021
11. **Mr K.Sriramurthy**, attended one week AICTE-ISTE Sponsored Refresher/Induction Programme Phase-I on “Hybrid Energy Storage Systems-DPE” organized by EEE Dept of Pragati Engineering College from 24.03.2021 to 31.03.2021

12. **Ms.P.Sandhya**, attended one week AICTE-ISTE Sponsored Refresher/Induction Programme Phase-I on “Hybrid Energy Storage Systems-DPE” organized by EEE Dept of Pragati Engineering College from 24.03.2021 to 31.03.2021
13. **Mr T.Prashanth Jayakumar**, attended one week AICTE-ISTE Sponsored Refresher/Induction Programme Phase-I on “Hybrid Energy Storage Systems-DPE” organized by EEE Dept of Pragati Engineering College from 24.03.2021 to 31.03.2021
14. **Mr T.Prashanth Jayakumar**, attended one week AICTE-ISTE Sponsored Refresher/Induction Programme Phase-II on “Hybrid Energy Storage Systems-DPE” organized by EEE Dept of Pragati Engineering College from 24.03.2021 to 31.03.2021
15. **Mr B.Veerababu**, attended one week AICTE-ISTE Sponsored Refresher/Induction Programme Phase-II on “Hybrid Energy Storage Systems-DPE” organized by EEE Dept of Pragati Engineering College from 28.04.2021 to 04.05.2021
16. **Mrs G.Durgadevi**, attended one week AICTE-ISTE Sponsored Refresher/Induction Programme Phase-II on “Hybrid Energy Storage Systems-DPE” organized by EEE Dept of Pragati Engineering College from 28.04.2021 to 04.05.2021
17. **Mr M.Manishankar**, attended one week AICTE-ISTE Sponsored Refresher/Induction Programme Phase-II on “Hybrid Energy Storage Systems-DPE” organized by EEE Dept of Pragati Engineering College from 28.04.2021 to 04.05.2021
18. **Mrs M.Manga lakshmi**, attended one week AICTE-ISTE Sponsored Refresher/Induction Programme Phase-II on “Hybrid Energy Storage Systems-DPE” organized by EEE Dept of Pragati Engineering College from 28.04.2021 to 04.05.2021
19. **Mrs CH.V.V.Manga lakshmi**, attended one week AICTE-ISTE Sponsored Refresher/Induction Programme Phase-II on “Hybrid Energy Storage Systems-DPE” organized by EEE Dept of Pragati Engineering College from 28.04.2021 to 04.05.2021
20. **Mr S.Ashokreddy**, attended one week AICTE-ISTE Sponsored Refresher/Induction Programme Phase-II on “Hybrid Energy Storage Systems-DPE” organized by EEE Dept of Pragati Engineering College from 28.04.2021 to 04.05.2021
21. **Ms S.Sravani**, attended one week AICTE-ISTE Sponsored Refresher/Induction Programme Phase-II on “Hybrid Energy Storage Systems-DPE” organized by EEE Dept of Pragati Engineering College from 28.04.2021 to 04.05.2021
22. **Mrs V.R.V.S.Saivalli**, attended one week AICTE-ISTE Sponsored Refresher/Induction Programme Phase-II on “Hybrid Energy Storage Systems-DPE” organized by EEE Dept of Pragati Engineering College from 28.04.2021 to 04.05.2021

### ➤ Online Quizzes

**The following faculty awarded by the e-quiz certificates (External): Nos**

1. Ms.S.Varalakshmi, participated in a National level e-Quiz on NAAC Assessment Framework in Association with EDC & IIC Organized by Balaji Institute of Technology & Science , Laknepally(V), Narsampet(M), Warangal.

### ➤ Webinars :

• **The following Faculty received International /National level webinars:**

1. **Mrs K.Sandhyani**, attended a webinar on “How to plan for start-up and legal & Ethical steps” organized by Pragati Engineering College on 31-5-2021
2. **Mrs K.Sandhyani**, attended a webinar on “Identifying Intellectual property component at the Early stage of Innovation” organized by Pragati Engineering College on 7-6-2021

3. **Ms S.Varalakshmi**, attended a webinar on “How to plan for start-up and legal & Ethical steps” organized by Pragati Engineering College on 31-5-2021
4. **Ms S.Varalakshmi**, attended a webinar on “Identyfing Intellectual property component at the Early stage of Innovation” organized by Pragati Engineering College on 7-6-2021
5. **Mr.K.Sree Harsha**, attended a webinar on “Problem solving with Artificial Intelligence: Artificial Intelligence as a Service(AIaaS)” organized by Pragati Engineering College on 5-6-2021
6. **Mr.K.Sree Harsha**, attended a webinar on “How to plan for start-up and legal & Ethical steps” organized by Pragati Engineering College on 31-5-2021

### ➤ Online Certification Activities :

1. **Dr.K.Satyanarayana** attended an online IEEE activity on “Testing Inverters using Electric Motor Emulators: Benefits , Challenges” presented by Dr. Uday Deshpande on 29-6-2021
2. **Dr.K.Satyanarayana** attended an online IEEE activity on “Advanced Health-Conscious fast Charging Schemes and battery Management Systems for Autonomous E-Mobility” presented by Sheldon Williamson on 15-6-2021
3. **Dr.K.Satyanarayana** attended an online IEEE activity on “Opportunities , Challenges and potential Solutions in High –Frequency WBG Motor Drives ” presented by Xibo Yuan on 06-5-2021
4. **Dr.K.Satyanarayana** attended an online IEEE activity on “EMI Reduction Techniques for Automotive Power conversion Systems ” presented by Pradeep Shenoy on 22-4-2021
5. **Dr.K.Satyanarayana** attended an online IEEE activity on “Unlimited Range Electrified Drones for Emergency Medical Response Activities” on 2-4-2021

### PLACEMENTS:

S.NO	ROLL NO	NAME OF THE STUDENT	SELECTED COMPANY
1.	17A31A0283	Geesala Vijay Kumar	TCS (Code vita)
2.	17A31A02A7	Ramayanam Sai Sunandh	
3.	17A31A0208	Mavireddy vijayalakshmi	TCS
4.	17A31A0211	Sai Srikari Mutya	
5.	17A31A0214	keerthi priyanka Sathi	
6.	17A31A0218	SSV Phani sahitya Vakkalanka	
7.	17A31A0226	sai sandeep	
8.	17A31A0259	Kalyani Balireddy	
9.	17A31A0260	Bethina Vaishnavi devi	
10.	17A31A0289	Sriram Datta Kommu	
11.	17A31A02A5	Raghavendra Prodduturi	
12.	18A35A0203	Teki Bhavani	
13.	18A35A0209	Ravindra Sai Kota	
14.	17A31A0269	Perla Amulya	
15.	17A31A0289	Kommu Sri Ram Datta	Byjus
16.	17A31A0286	Joga Veera Sri Nanda	Capgemini
17.	17A31A0210	Moparathi Sruti	
18.	17A31A0255	Satya Ravi Veerubhotla	
19.	17A31A0276	Sai Ram Akhila Yalla	
20.	17A31A0297	VSSR Krishnakanth Manchiraju	
21.	17A31A02A8	Sai Vathsav Jonnalagadda	
22.	18A35A0209	Ravindra Sai Kota	
23.	18A35A0212	S Rama Sai Hanvesh Pinapothu	
24.	17A31A0204	Kakarlupudi Snigdha	Cognizant
25.	17A31A0270	S Venkata Lakshmi Suneetha P	ZenQ
26.	17A31A0289	Sriram Datta Kommu	
27.	17A31A0201	Boddeti Priyanka	Accenture
28.	17A31A0202	Immandi Sindhu	
29.	17A31A0204	Kakarlupudi Snigdha	
30.	17A31A0208	Mavireddy vijayalakshmi	
31.	17A31A0211	Sai Srikari Mutya	
32.	17A31A0261	Lakshmi Tanmai Boddapati	

33.	17A31A0268	P. V. S. Nikitha	
34.	17A31A0270	P.S.V.L Suneetha	
35.	17A31A0275	V Manaswi	
36.	17A31A02A2	P Rama Rao	
37.	18A35A0215	T.N.S.Amrutha	
38.	17A31A0240	Matta Pavan Kumar	
39.	17A31A0252	Vadakattu Sai Nandan Varshith	
40.	17A31A0253	Sai Bhargav Vangalapudi	
41.	17A31A0257	V.Srihari	
42.	17A31A0258	Srinivas Manohar	
43.	17A31A0278	A bilva naga veera vara prasad	
44.	17A31A0282	D.Naveen	
45.	17A31A0283	Geesala Vijay kumar	
46.	17A31A0286	Joga Veera Sri Nanda	
47.	17A31A0288	Anil reddy Karri	
48.	17A31A0298	M Sam Moses Sastry	
49.	17A31A02A7	Ramayanam sai sunandh	
50.	17A31A02A8	sai vathsav jonnalagadda	
51.	17A31A02A9	S.Dattatreya	
52.	18A35A0208	Komarada Sai Manikanta	
53.	18A35A0209	K. Ravindra sai	
54.	18A35A0212	S Rama Sai Hanvesh Pinapothu	
55.	18A35A0221	Namballa Tarun Kumar	
56.	17A31A0207	Magapu Vidya	
57.	17A31A0233	K Kanishka Chowdary	
58.	17A31A0262	Garapati Lakshmi Samyuktha	
59.	17A31A0264	M Venkata Sai Sri Pratyusha	
60.	17A31A0267	P Yoga Bhavishya	Infosys
61.	17A31A0268	P Venkata Sai Nikitha	
62.	17A31A0298	M Sam Moses Sastry	
63.	18A35A0202	Gandharapu Vishali	
64.	18A35A0210	Kurapati Sai Karthik	
65.	18A35A0215	T Naga Sai Amrutha	
66.	17A31A0231	G Satya Subhash	
67.	17A31A0233	K Kanishka Chowdary	
68.	17A31A0251	Tummalapalli Kiran Teja	
69.	17A31A0257	Vulavala Srihari	Onegene
70.	17A31A0258	Y Srinivas Manohar	
71.	17A31A0280	B Janardhana Reddy	
72.	17A31A0299	Mekala Kiran	
73.	18A35A0217	Vuyyurie Chiranjeevi	
74.	17A31A0285	G Gopi Sri Sai Sidhardha	KPIT
75.	17A31A0202	Immandi Sindhu	
76.	17A31A0203	J Rama Lakshmi	
77.	17A31A0252	V Sai Nandan Varshith	
78.	17A31A0261	B Lakshmi Tanmai	
79.	17A31A0267	P Yoga Bhavishya	Savantis
80.	17A31A0270	P S V Lakshmi Suneetha	
81.	17A31A0286	Joga Veera Sri Nanda	
82.	17A31A02A9	Sattiraju Dattatreya	
83.	18A35A0205	Ch V Durga Krishna Vamsi	
84.	17A31A0279	Boddu Pavan Teja	
85.	17A31A0282	Damodhara Naveen	
86.	17A31A0284	Gode Sai Krishna	
87.	17A31A0293	K Brahma Siva Ganesh	
88.	17A31A0296	Majji Lithin Siva Swamy Naidu	Woosu
89.	17A31A0298	Mandapalli Sam Moses Sastry	
90.	17A31A02A4	P Teja Venkata Siva Ganesh	
91.	17A31A02A9	Sattiraju Dattatreya	
92.	17A31A02B3	Thotakura Krishna Babu Naidu	
93.	17A31A0286	Joga Veera Sri Nanda	
94.	17A31A0289	Kommu Sriram Datta	upGrad (Internship)
95.	18A35A0212	Pinapothu Sri Rama Sai Hanvesh	

## Students Qualified In GATE-2021

S.No	Roll No	Name of the Student	Rank
1	18A35A0209	Ravindra Sai Kota	2901
2	18A35A0210	Sai Karthik Kurapati	3375
3	18A35A0212	Sri Rama Sai Hanvesh Pinapothu	12862
4	18A35A0207	Rama Krishna Kasi	24722
5	17A31A0297	VVSR Krishnakanth Machiraju	10008

## Student Achievements in various activities:

- **Mr.K.Javeed**(18A31A0298), **Mr.K.Venkatesh**(18A31A0294), **Mr.D.Premkumar** (18A31A0286), **Mr. Ch Siva Rama Krishna** (18A31A0283), **Mr.R V V Satyanarayana**, (18A31A02A1),**Mr.T. H S S V Mani Vamsi**(18A31A02A5) are selected for the **Finals in** India Innovation Challenge Design Contest **IICDC-2019** Organized by DST & Texas Instruments Inc. powered by **AICTE mission**, anchored by **NSRCEL@IIMB** and supported by MyGov with a project title of Power theft detection

## ONLINE COURSES DONE BY STUDENTS:

S.No	Roll Number	Name of the Student	Online activity	Title of the activity	Name of the institute, which is organizing the activity	starting date	ending date
1	18A31A0282	ankam durga satya sai kirankumar	Webinar	Artificial intelligence in Power sector	Tata Power Delhi	5/7/2021	5/7/2021
2	18A31A0282	ankam durga satya sai kirankumar	Webinar	How to plan for Start-up and legal & Ethical Steps	IIC of Pragati engineering college	5/31/2021	5/31/2021
3	19A31A0221	S.Lakshmi Alekhaya	Course	python programming tutorial for beginners	udemy	7/3/2021	7/5/2021
4	19A31A0226	Chikkireddy Chakradhari	Course	Linear Circuits 1: Dc Analysis	COURSERA	10/23/2020	11/30/2020
5	19A31A0206	G.D.S.M.L.Sneh a Priya	Webinar	To gain knowledge on IP creation	NAASCOM	5/27/2021	6/17/2021
6	19A31A0223	Sudheer Kumar Allu	Webinar	To gain the knowledge on IP creation	NASSCOM	5/27/2021	6/17/2021
7	19A31A0214	K.jhansi	Webinar	To gain knowledge on ip creation	NASSCOM	5/27/2021	6/17/2021
8	19A31A0204	D.S.N.L Priyanka	Webinar	Webinars of IIC - EDC Cell	Pragati Engineering College	5/13/2021	7/20/2021
9	19A31A0203	D.Pavani	Webinar	To gain knowledge on IP creation	NASSCOM	5/27/2021	6/17/2021
10	19A31A0212	Katari Sri lakshmi	Webinar	To gain knowledge on IP Creation	NASSCOM	5/27/2021	6/17/2021
11	19a31a02a2	Penke krishna swamy	Webinar	Design thinking , critical thinking and innovation design	Pragati engineering college	6/14/2021	7/14/2021
12	18A31a0240	18a31a0240	Internships	Campus ambassador	Aakaar iit	1/2/2021	4/10/2021
13	18a31a0240	Naidani.Vamsi	Summit	aws summit online	Amazon	6/29/2021	6/30/2021
14	18a31a0240	Naidani.vamsi	Online certification	aws online certification	Amazon	5/21/2021	5/21/2021
15	18a31a0240	Naidani.vamsi	Webinar	Design thinking, critical thinking and innovation design	IIC of Pragati engineering college	6/14/2021	6/14/2021
16	18a31a0240	Naidani.Vamsi	Webinar	How to plan a startup and legal& ethical steps	IIC of Pragati engineering college	5/31/2021	5/31/2021
17	19a31a0269	Mungi. Satya	Webinar	Young warriors, yoga,	Pragati engineering	1/1/2021	7/14/2021

		Surya venkata kusuma		yoga quizz,IGOT, design thinking, fundamental drone technology,	college		
18	18A31A0282	Ankam Durga Satya Sai Kirankumar	Workshop	Intellectual Property Workshop	Banana IP Counsels	5/27/2021	6/17/2021

**➤ The NSS, NCC, and Sports Club Units Activities:**

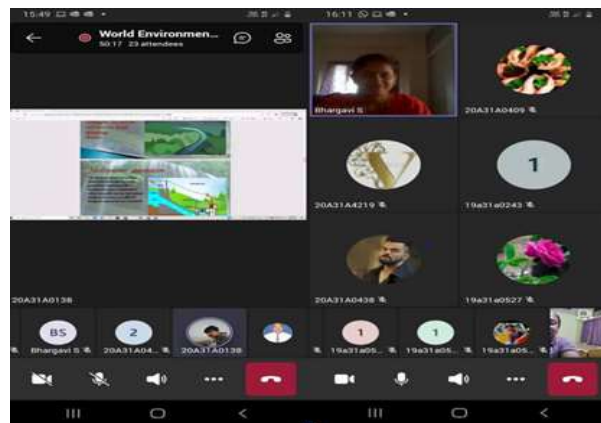
**1. INTERNATIONAL YOGA DAY CELEBRATIONS 2021**

“INTERNATIONAL YOGA DAY” 2021 with a Theme: “Yoga for well-being” through online mode. Yoga Day Quiz, Yoga Practice session was facilitated from 6:15 AM to 8:00 AM in Microsoft Teams under the JNTUK, Kakinada Physical Education Department.



**2. WORLD ENVIRONMENT DAY CELEBRATIONS 2021**

Department of environmental Science & NSS Unit of Pragati Engineering College observed World Environment Day 2021 with a Theme: "Ecosystem Restoration" through Online". Demonstration of PPTs, Poster presentation, Video on WED 2021 theme was organized from 3:00pm to 4:00pm in Microsoft Teams



## *Important Days Celebrated by EEE Dept Student chapter(IEI):*

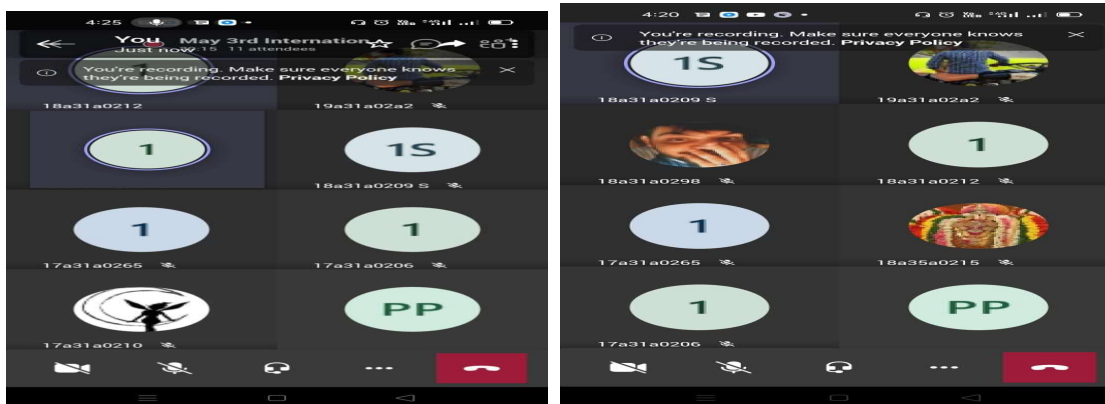
### ➤ Report on Worlds Labour Day (01.05.2021)

World Labour Day was celebrated by EEE department Student chapter on 1<sup>st</sup> May 2021. On this Occasion EEE department student chapter Institution of Engineers (India) in Association with IIC-PEC conducted Debate among the students on topic “**The Pandemic is changing the face of Indian Labour**” through MS Teams App.



### ➤ Report on International Energy Day (03.05.2021)

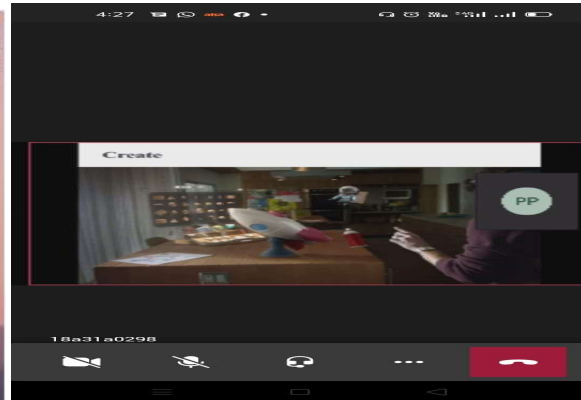
International Energy Day was celebrated by EEE department on 3<sup>rd</sup> May 2021. On this Occasion EEE department student chapter Institution of Engineers (India) in Association with IIC-PEC conducted Elocution among the students on the topic “**Initiatives to Save Energy and Protect the Environment**” through MS Teams App



### ➤ Report on National Technology Day (11.05.2021)

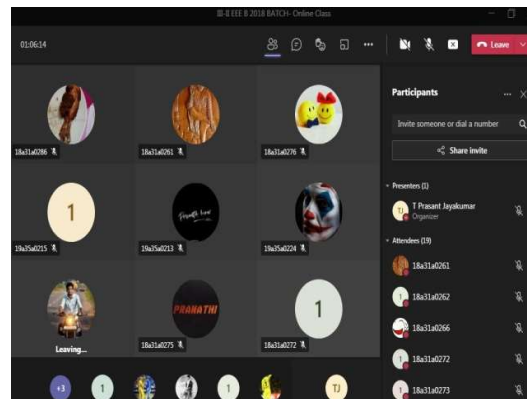
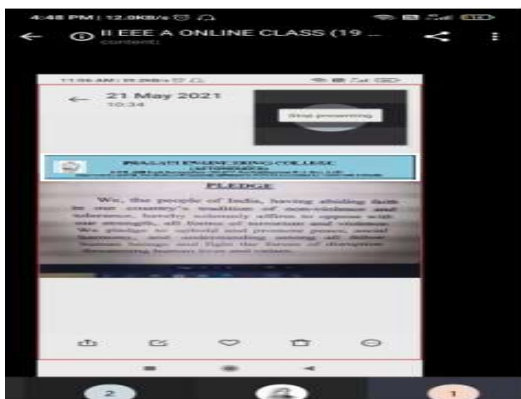
EEE Department Student Chapter, Institution of Engineers (India) in association with Institution’s Innovation Council (IIC) of Pragati Engineering College celebrated National Technology Day on 11<sup>th</sup> May 2021. On this Occasion Powerpoint Presentation is conducted among the students on the topic “**Recent Technologies invented by Engineers and Scientists**” through MS Teams App.





### ➤ Report on conducting pledge on Anti Terrorism Day on 21-5-2021

Department of Electrical and Electronics Engineering has conducted an Anti Terrorism Pledge taking ceremony by students and staff members on 21.05.2021 in their respective classes. Around 132 students were participated and took the pledge on Anti Terrorism Day



### **EDITORIAL BOARD COMMITTEE:**

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1. Dr. K. Sathyanarayana, Professor - H.O.D
2. Ms. S. Varalakshmi, Assistant Professor

#### **Students:**

M. SaiSrikari(IV EEE-211)  
G. Vijay Kumar (IV EEE-283)  
B.Y.Krishnasri (III EEE-259)  
K. Satyanukesh (III EEE-233)