

# PRAGATI ENGINEERING COLLEGE

## ELECTRICAL TIMES

VOL # 35

January to June 2024



## 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 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:**

S.No	NAME OF THE FACULTY	QUALIFICATION	DESIGNATION
1.	DR. K. SATYANARAYANA	M.Tech., Ph.D.	PROFESSOR & PRINCIPAL
2.	DR. G. NARESH	M.Tech., Ph.D.	PROFESSOR & VICE-PRINCIPAL
3	MR. K.V. DURGA PRASAD	M.Tech.( Ph.D.)	ASSISTANT PROFESSOR&INCHARGE HOD
4.	MR. S. ASHOK REDDY	M.Tech.	ASSISTANT PROFESSOR
5	MR. M. VEERA CHANDRA KUMAR	M.Tech.	ASSISTANT PROFESSOR
6	MRS. G. DURGA DEVI	M.Tech.	ASSISTANT PROFESSOR
7	MRS. CH.V.V. MANGA LAKSHMI	M.Tech.	ASSOCIATE PROFESSOR
8	MRS. M. MANGA LAKSHMI	M.Tech.	ASSISTANT PROFESSOR
9	MRS.V.R.V.S. SAI VALLI	M.Tech.	ASSISTANT PROFESSOR
10.	MS. P. SANDHYA	M.Tech.	ASSISTANT PROFESSOR
11.	MR. D. PRAKASA RAO	M.Tech.	ASSISTANT PROFESSOR
12.	MR. K. NAGAVARDHAN REDDY	M.Tech.	ASSISTANT PROFESSOR
13.	MR. SK. MUBEEN	M.Tech.	ASSISTANT PROFESSOR
14.	MS. S. SWARNA BHARGAVI	M.Tech.	ASSISTANT PROFESSOR
15.	MR. M. VEERA BABU	M.Tech.	ASSISTANT PROFESSOR
16.	MS. P. VARALAKSHMI	M.Tech.	ASSISTANT PROFESSOR
17.	MR. S. NANI BABU	M.Tech.	ASSISTANT PROFESSOR
18.	MR. M. RAVI KUMAR	M.Tech.	ASSISTANT PROFESSOR
19.	MRS. K. DEVI	M.Tech.	ASSISTANT PROFESSOR
20.	MRS.P.PUSHPA LATHA	M.Tech	ASSISTANT PROFESSOR

21.	MS.M.CHANDHINI	M.Tech	ASSISTANT PROFESSOR
22.	MR.CH. NARESH	M.Tech	ASSISTANT PROFESSOR
23.	MR. V. GOPI	M.Tech	ASSISTANT PROFESSOR

## Faculty Participations:

### Paper publications:

- 1) **DR.K.SATYANARAYANA** published paper entitled with, “**FAULT DETECTION AND MITIGATION IN MULTILEVEL CONVERTER BY USING ACTIVE FAULT – TOLERANT CONTROL SYSTEM**” Published in **The International journal of mechanical engineering research and technology and experimental modal analysis (IJMEART)**, Volume 16, Issue 2, April/2024 ISSN NO: 2454-53X impact Factor 6.35)
- 2) **Dr.G.NARESH** published paper entitled with “**ABatteryCapacitorIntegratedtoElectricVehicle andMicrogrid Incorporated Operations in V2G and G2V**” Published in **International journal of Marketing Management (IJMM)** Volume 16, Issue-I ,ISSN NO: 2454-5007, March/2024, impact Factor 6.3.
- 3) **Mr K.V DURGA PRASAD**, published paper entitled with, “**ANALYSIS & CONTROL FOR PV SOLAR INTEGRATED WITH GRIDFORMING POWER RESERVES**” Published in **Journal of International Journal of mechanical engineering research and technology (IJMERT)** Volume 16, Issue-I, ISSN NO: 2454-5x, March 2024 , impact Factor 6.3.
- 4) **PANTAGANI SANDHYA** published paper entitled with, **TRANSFORMER HEALTH MONITORING USING ARDUINO AND GSM AND LOCAL MONITORING DISPLAY**” Published in **The International journal of applied science and engineering management (IJSEM)**, Volume 18, Issue 01, April/2024, ISSN NO: 2454-9940, impact Factor 6.3.
- 5) **Mr.D.PRAKASARAO** published paper entitled with, “**APPLIED IN SINGLE WIRE GROUND RETURN ELECTRIC POWER DISTRIBUTION GRIDS: SINGLE-PHASE TO THREE-PHASE UNIFIED POWER QUALITY CONDITIONER**” Published in **Journal of International journal of analytical and experimental modal analysis (IJAEMA)**, Volume XV, Issue IV, April/2023 ISSN NO: 0886-9367 impact Factor 6.3
- 6) **Mrs.K.DEVI** published paper entitled with, “**ENHANCEMENT OF POWER QUALITY DISTRIBUTION SYSTEM USING FPID AND STATCOM**” Published in **Journal of International journal of Information technology and computer engineering (IJITCE)**, Volume 12, Issue I, Mar 2024 ISSN NO: 2347-3657 impact Factor 6.3
- 7) **Mrs.V.R.V.S.SAIVALLI** published paper entitled with “**HITECH ENERGY METER FOR SMART CITIES USING GSM TECHNOLOGY**” Published in **International Journal of Engineering research and science and Technology (IJERST)** Volume 17, Issue-I , ISSN NO: 2319-5991, March/2024, impact Factor 6.2.
- 8) **.Mr.S.ASHOK REDDY** published paper entitled with, “**AN EFFICIENT SYSTEM FOR PV FED TO BLDC MOTOR BY USING ANN CONTROLLER**” Published in **International Journal of Marketing management (IJMM)**, Volume XV, Issue-IV , ISSN NO: 2454-5007, March 2024, impact Factor 6.2.

- 9) M.VEERACHANDRAKUMAR published paper entitled with, "INTEGRATION OF RAIASYSTEMCONNECTED FED TO MICROGRID STATIONS" Published in International Journal of mechanical engineering research and technology (IJMERT) Volume 16, Issue I , ISSN: 2454-535X, March 2024, impact Factor 6.2.
- 10) Mr. CH. NARESH published paper entitled with, " A NEW CONTROLLER FOR SOLAR PV FED MODULAR MULTILEVEL INVERTER TOWARDS WATER PUMPING APPLICATION" Published in International Journal of HRM and Organizational behaviour(IJHRMOB) Volume XII, Issue-IV , ISSN NO: 2454-5015, April 2024, impact Factor 6.2.
- 11) .DR.K.SATYANARAYANACHINTHAKULA published paper entitled with, "OPTIMALCONTROLSCHEMEFOR SINGLEPHASE INDUCTION MOTOR" Published in International Journal of information Technology and computer engineering(IJITCE), Volume XII, Issue-II, ISSN NO: 2347-3657, April 2024, impact Factor 6.2.
- 12) Mr.M.VEERABABU published paper entitled with, "LOAD CRITERIA POWER CONTROL FOR WITH INDEPTH ANALYSIS OF SINGLE PHASE ELECTRIC SPRINGS" Published in International Journal of Management research and Business Strategy E(IJMRBS) Volume XIII, Issue-II, ISSN NO: :2319-345X, APRIL 2024, impact Factor 6.54.
- 13) Mr.K.NAGAVARDHANREDDY published paper entitled with, "Energy Management System for Hybrid PV-Wind-Battery Based Fuzzy Logic Controller System" Published in International Journal of Engineering research and science and technology(IJERST) Volume XVII, Issue-I , ISSN NO: 2319-5991, March 2024, impact Factor 6.54
- 14) P. PUSHPA LATHA published paper entitled with, "DESIGN AND IMPLEMENTATION OF POWER SAVING ON RAILWAY PLATFORM BASED ON ARRIVAL AND DEPARTURE OF TRAIN" Published in International Journal of HRM and Organizational behaviour(IJHRMOB) Volume XIV, Issue-V , ISSN NO: 2454-5015, APRIL 2024, impact Factor 6.54.
- 15) CH.V.V. MANGA LAKSHMI , published paper entitled with, "IMPLEMENTATION OF FIRE CONTROL ROBOTIC VEHICLE OVER IOT TECHNOLOGY" Published in International Journal of HRM and Organizational behaviour (IJHRMOB) Volume 14, Issue 04, ISSN 2454-5015 , APRIL-2024, Impact Factor 6.54.
- 16) Ms.S.SWARNABHARGAVI published paper entitled with, "OPERATING MODES ON GRID CONNECTED INDUCTION MOTOR BY DC – LINK CONVERTER" Published in International Journal of Engineering Research and science and technology (IJERST) Volume 17, Issue 01, ISSN 2319-5991 , March-2024, Impact Factor 6.54.
- 17) Ms.P.VARALAKSHMI published paper entitled with, "SOLAR POWERED INCORPORATED AC LINE FEEDER WITH ACTIVE OUTPUT



**FILTER UNDER NON-LINEAR CONDITION** “Published in International Journal of information technology and computer Engineering (IJITCE) Volume 12, Issue 01, ISSN 2347-3657 , March-2024, Impact Factor 6.54.

- 18) **Mr. S. NANI BABU** published paper entitled with, “DESIGNING & ENHANCING INTEGRATED ON-BOARD ELECTRIC VEHICLE BATTERY CHARGER USING MATLAB & SIMULINK “Published in International Journal of Management Research and business strategy (IJMRBS), Volume 13, Issue-I , ISSN NO: 2319-345x, March 2024, impact Factor 6.2.
- 19) **Mr. Sk. MUBBIN** published paper entitled with, “ENHANCEMENT OF GRID CONNECTED PHOTOVOLTAIC SYSTEM FOR NON-LINEAR LOADS BASED ON MDSOGI - MPC ALGORITHM “Published in International Journal of Management Research and business strategy (IJMRBS), Volume 13, Issue-I , ISSN NO: 2319-345x, March-2024, impact Factor 6.2.
- 20) **Ms.S.CHANDINI**, published paper entitled with, “**INTEGRATION OF FRACTIONAL ORDER SLIDING MODE CONTROL & ANN CONTROL IN D-STATCOM WITH POWER DISTRIBUTION SYSTEM** “Published in International Journal of Applied science Engineering and Management (IJASEM), Volume XVII, Issue-I , ISSN NO: 2454-9950, March-2024, impact Factor 6.2.
- 21) **Mrs.G.DURGADEVI**, published paper entitled with, “**ACTIVE CONTROL STRATEGIES FOR POWER QUALITY OF DC SYSTEMS AND REDUCE THE USAGE OF BULKY CAPACITORS** “Published in International journal of applied science engineering and management advanced research in science and technology (IJSEM) Volume 18, Issue-01, ISSN NO: 2454-9940, March 2024, impact Factor 6.428.
- 22) **Dr.G.NARESH** published paper entitled with “**ASINGLE PHASE TO THREE PHASE DRIVES SYSTEM USING TWO DC LINK PARALLEL SINGLE-PHASE RECTIFIERS** “Published in International journal of information technology & computer engineering (IJITCE), Volume 12, Issue-02, ISSN NO: 2347-3657, APRIL 2024, impact Factor 6.428.
- 23) **Mr.M.RAVIKUMAR** published paper entitled with “**WIRELESS CHARGING ELECTRICAL VEHICLES BY OPTIMAL INDUCTIVE COUPLE TRANSFORMER** “Published in International journal of mechanical engineering research and technology (IJMERT) Volume 16, Issue-01, ISSN NO: 2454-535x, March 2024, impact Factor 6.428.

24) Mrs.M.MANGALAKSHMI, published paper entitled with  
 “VIENNARECTIFIERFEDSQUIRRELCAGEINDUCTIONGENERATORBASED  
 STAND-ALONE WIND ENERGY CONVERSION SYSTEM “ Published in  
 International journal of marketing management(IJMM), Volume 16, Issue-01, ISSN NO:  
 2454-5007, March 2024,impact Factor 6.428

### Faculty Development Programme:

#### National / International Faculty Development Programmes/Workshops:

Dr.K .Satyanarayana has attended a five days online faculty development programme on  
 “Advanced technologies in electrical engineering” from 13<sup>th</sup> to 17<sup>th</sup> February2024.Organised by sri  
 siva subramaniya nadar college of engineering,kalavakkam603110,TN,India

K.V.Durga prasad Faculty of Electrical and electronics engineering Department ,pragati  
 engineering college participated in a Workshop on “Technical Education Reforms in Andhra  
 Pradesh-Innovation & Entrepreneurship development” organized by JNTUK ,held on 18th  
 jan2024

K.V.Durga prasadhas attended a five days online faculty development programme on  
 “Advanced technologies in electrical engineering” from 13<sup>th</sup> to 17<sup>th</sup> February 2024.Organised by  
 sri siva subramaniya nadar college of engineering,kalavakkam603110,TN,India

K.Devi of pragati engineering college has participated in five days short term training  
 programme on “Off-grid and Grid tied Renewable energy systems: Technology control,  
 applications organized by siva subramaniya nadar college of engineering, TN,India. From  
 march 25<sup>th</sup> to march 29<sup>th</sup> ,2024.

P.Pushpa latha has attended a five days online faculty development programme on “Advanced  
 technologies in electrical engineering” from 13<sup>th</sup> to 17<sup>th</sup> February 2024.Organised by sri siva  
 subramaniya nadar college of engineering,kalavakkam603110,TN,India.

P.Pushpa latha Faculty of Electrical and electronics engineering Department ,pragati engineering  
 college participated in a Workshop on “Technical Education Reforms in Andhra Pradesh-  
 Innovation & Entrepreneurship development” organized by JNTUK ,held on 18th jan2024.

P.Pushpa latha of pragati engineering college has participated in five days short term training  
 programme on “Off-grid and Grid tied Renewable energy systems: Technology control,  
 applications organized by siva subramaniya nadir college of engineering from march 25<sup>th</sup>  
 to march 29<sup>th</sup> ,2024.

### Online Certification Courses /Webinars:

- K.V.Durga Prasad for attending Turnip innovation festival 2024; Event organized in  
 association with QualCOMM as a one day online conference in Intellectual property  
 and startups on 20<sup>th</sup> jan 2024.

### PLACEMENTS:

Sno.	Roll No	Name of the Student	Branch	Company
1	20A31A0201	AASU PAVANI SRIVALLIKA	EEE-A	sравanties Accenture
2	20A31A0204	BRINDAVANAM MYDHILI SRI VAISHNAVI	EEE-A	



3	20A31A0205	CHINTHAKULA NAMRATHA	EEE-A	
4	20A31A0213	POLUPALLI BALA SIRISHA	EEE-A	
5	20A31A0214	PONNADA SUBHASREYA	EEE-A	
6	20A31A0216	SAMANTHULA SUJATHA SONY	EEE-A	
7	20A31A0242	PANDITI VENKATA BALAJI	EEE-A	
8	21A35A0224	VADLAMURI BALA VEERA VENKATA SAINATH	EEE-B	
9	21A35A0222	SIDHANTHAPU GAGAN	EEE-B	
10	21A35A0221	PAMPANA TARAKA VENKATA DURGA SAI TEJA	EEE-B	
11	20A31A0280	GUNIPALLI JYOTHI ARAVIND	EEE-A	
12	21A35A0219	OOTLA DEEPAK CHAND	EEE-B	
13	21A35A0216	MEDISETTI TIRUMALAVASU	EEE-B	
14	20A31A0267	ANUSURI SUBASH	EEE-B	
15	20A31A0266	AMUJURI RAM CHARAN TEJA	EEE-B	
16	20A31A0293	PANDIRI SRI SATYA SAI KIRAN	EEE-B	
17	20A31A0241	NUNNA VENKAT	EEE-A	
18	20A31A0233	KARRI SHYAM	EEE-A	
19	20A31A0223	BANTU DAVID DHEERAJ KUMAR RAJU	EEE-A	
20	20A31A0206	GUNDAPU MADHURI	EEE-A	
21	20A31A0207	GUNDRA ARCHANA	EEE-A	
22	20A31A0208	KESAVARAPU REVATHI	EEE-A	
23	20A31A0218	SEERAM DIVYA VEERAMANI	EEE-A	
24	20A31A0219	UDDHAGIRI NAVEENADEVI	EEE-A	
25	20A31A0224	BILLAKURTHI SATYA MANOJ REDDY	EEE-A	
26	20A31A0245	RAAJAANI SURYA	EEE-A	
27	20A31A0249	TEKIMUDI SATYA MURALI	EEE-B	

28	20A31A0252	DOOLLA VENKATA PADMA	EEE-B	KYB Motor Cycle Suspension India Pvt. Ltd.,
29	20A31A0253	GANDHAM LAKSHMI TULASI	EEE-A	
30	20A31A0255	GOLLAPALLI HEMA DURGA VENKATA LAKSHMI	EEE-A	
31	20A31A0258	MATAPODU AMULYA	EEE-A	
32	20A31A0263	UPPULURI SUPRAJA	EEE-B	
33	20A31A0265	YANDRAPU NEELIMA	EEE-B	
34	20A31A0278	EDURI UDAY SAI KIRAN	EEE-B	
35	20A31A0287	LAVETI KHYATHI VIJAYA KUMAR	EEE-B	
36	20A31A0288	MALLIPUDI MANJU MANIKANTA RAJU	EEE-B	
37	20A31A0289	MARRI SURESH	EEE-B	
38	20A31A0294	PEELA NIKHIL PRABHU SAI	EEE-B	
39	21A35A0217	MOHAMMAD GOUSE MOHIDDIN	EEE-A	
40	21A35A0225	VANA TEJESWARA RAO	EEE-B	
41	21A35A0223	TUMMA HARIVEERENDRA	EEE-A	
42	21A35A0220	PENTAKOTA SAGAR	EEE-A	
43	21A35A0208	DONKA MARUTHIPRASAD	EEE-A	
44	20A31A0240	NALLAMILLI SANDEEP REDDY	EEE-A	
45	20A31A0239	NAKKA RAJESH	EEE-A	
46	20A31A0234	KETHA BHARATH GOWRI	EEE-A	
47	20A31A0209	KOLUSU MONIKA LAKSHMI	EEE-A	Teachnook
48	20A31A0210	MUDUNURI MEGHANA SATYA LAKSHMI	EEE-A	
49	20A31A0211	NULU KESAVA NAGA SRI NITYA SANTHOSHINI	EEE-B	
50	20A31A0215	RAYUDU SRI LALITHA	EEE-B	
51	20A31A0217	SAYYED TAHSEEN FAROOQH	EEE-B	
52	20A31A0247	SANA MOHAN VENKATA SATYA KUMAR	EEE-B	

53	20A31A0256	KANAKALA SUSHMITHA PAVANI	EEE-B	Autoneum
54	20A31A0260	SAMAYAMANTHULA AJITHA	EEE-B	
55	20A31A0298	WILLIAM CAREY VANTIMI	EEE-B	
56	20A31A0297	VULLI GUNA SEKHAR	EEE-B	
57	20A31A0275	DEVULAPALLI S S SATHWIK	EEE-B	
58	20A31A0261	TEKI JAYA VISWA SAI CHAITANYA	EEE-B	
59	20A31A0262	THANGETI KSHEMA AKHILA	EEE-B	
60	20A31A0250	VEDURUPAKA PRANAY SAMPATH KUMAR	EEE-A	
61	20A31A0232	GUTTULA SAIDURGA	EEE-A	

### EVENTS

## Report on “Exult-2k24” A National Level Technical Symposium Under STRIDES

The Department of Electrical and Electronics Engineering of this college organized a Two-day **National Level Technical Symposium “Exult-2k24 Under STRIDES”** on 01st March, 2024. This event was inaugurated by the Chief Guest **DRM.H.M Krishna prasad, Professor of CSE, Controller of Examinations JNTUK**. The Chief Guest emphasized the different sources for energy generation, importance of renewable energy and opportunities offered for electrical engineers in present scenario.

**Dr.P.KrishnaRao**, Chairman, Pragati Engineering College participated in the programme. Speaking on this occasion he stated that the college has been taking all the necessary steps to mould students as future industrialists besides imparting technical education. He advised the students to progress in their life by utilizing the Opportunities and infrastructure provided in the institution, motivated the electrical engineers towards innovation of latest technology for global needs.

**Mr.M.V.HaranathBabu**, Management Academic of the College emphasized that EXULT-2K24 is an opportunity for Electrical students to explore their innovative ideas and make them acquainted with latest technological trends and motivated the students regarding Entrepreneurship. He extended his wishes for making events successful.

**Dr.K.Sathyanarayana**, Principal & Professor of EEE, addressed that this Symposium will provide good exposure to the students to interact with outside world and briefed about the achievements of the department.

**Mr. D. Prakasarao**, HOD-EEE, Pragati Engineering College highlighted the current status & the emerging trends of the technology in various topics.

**Ms.P. Varalakshmi & Ms. P.Sandhya**, Assistant Professors of EEE,

Coordinator of the event played a vital role in organizing this programme said that about 1094 Entries were Presented invarious events like Enlighten Expo, Circuit Clash, Empower Point,, Electro Build, Minds on Display .Out of which 15 Project Presentations, 30 members in Circuit Clash, 15 members electro build, 15 members in Minds On Display, 15 members in Empower Point were selected in the final round from various colleges.

"EXULT-2K24" Souvenir was released by the Chief guests Dr. P. Krishna Rao, Dr.K.Satyanarayana, Dr. G. Naresh, Mr. D. Prakasarao HOD-EEE, and staff of EEE, Pragati Engineering College were the judges for final presentations.

Sri M. V. Harnath Babu, Director (Management), Sri. M. Satish Vice-President, Dr.K.Satyanarayana (Principal), Dr. G. Naresh (Vice principal), Mr. M. V. Rajesh (HOD CSE-DS) Convenor of STRIDES, Staff, Participants and students were present at the Prize distribution function. Finally the valedictory function was conducted at 3:00 P.M. First and second prize winners are awarded with cash prizes and certificates.

### **PRIZE WINNERS OF THE EVENT:**

#### **1. ENLIGHTEN**

##### **EXPO FIRST PRIZE:**

#### **Topic "SOLAR EV WIRELESS CHARGING"**

1. HARSHITHA  
22A31A0256

2. ANJANI  
22A31A0257

3. VIJAYA  
22A31A0272

4. CHAYAMRUTHA  
22A31A0264

5. CHANDU SRIYA  
22A31A0263

##### **SECOND PRIZE:**

#### **Topic "MULTI MECHANISM ROBO USING ARUDINO TECHNOLOGY"**

G. CHIRANJIVI

22A31A0279

1. Y.S. SRINIVAS  
22A31A0212

2. P.VENKAT DAS  
22A31A0294
3. G.V.RAMAKRISHNA  
22A31A0280

fromPragatiEngineeringCollege,Surampalem

## **2.MINDS ON DISPLAY:**

### **FIRSTPRIZE:**

#### **Topic"MENSTRUATION"**

1.Ms.P. UMA

from EEE-B-23A35A0220

fromPragatiEngineeringCollege,Surampalem.

### **SECONDPRIZE:**

#### **Topic"IDEOLOGY"**

1.Ms.P. SRAVANI

fromEEE-23A31A0212

fromPragatiEngineeringCollege, Surampalem.

## **3.CIRCUIT CLASH:**

### **FIRSTPRIZE:**

1. N.NIKHIL  
EEE-B-23A35A0236  
fromPragatiEngineeringCollege.Surampale

### **SECONDPRIZE:**

1. K.SUGANYA  
AIML-B-23A31A4279  
fromPragatiEngineeringCollege,Surampalem

## **4.ELECTRO BUILD:**

### **FIRSTPRIZE:**

1. CH.JOHN ANAND KUMAR  
EEE-A-23A35A0205  
fromPragatiEngineeringCollege,Surampalem

**SECONDPRIZE:**

1. N.NIKHIL  
EEE-B-23A35A0236

fromPragatiEngineeringCollege,Surampalem

**5.EMPOWER POINT:****FIRSTPRIZE:****Topic"IMPACT OF AI ON SOCIETY"**

1. B. VYSHNAVIKA  
EEE-23A31A0222
2. K. NEELANJANA  
CSE-22A31A0577

**SECONDPRIZE:****Topic"VIRTUAL REALITY"**

1. K.V.V.S.BARGHAVI  
CSE-22A31A0583
2. K.G.V.V.S.SAMEERA  
CSE-22A31A0579

1. Mr R Surya
2. Ms. P Subhasreya from Pragati Engineering College, Surampalem.







# ప్రగతిలో స్టైడ్స్ 2024 నిర్వహణ



పెద్దాచురం / గండేపల్లి, పెన్ పవర్, మార్చి 1: గండేపల్లి మండలం సూరంపాలెంలోని ప్రగతి ఇంజనీరింగ్ కళాశాలలో స్టైడ్స్ 2024 పేరిట సాంకేతిక సదస్సు శుక్రవారం ఘనంగా ప్రారంభమైంది. కళాశాల ట్రైపుల్ ఇ విభాగం ఎక్సల్ట్ 2024, మెకానికల్ విభాగం ఎరడైట్ 2024, ఇసిఇ విభాగం ఎజైవ్ 2024, సి.ఎస్.డి విభాగం ఇ-డాటమ్ 2024, ఐటి విభాగం ఎమిట్రీక్స్ 2024 పేరిట సదస్సులు నిర్వహించారు. ఈ కార్యక్రమానికి ముఖ్య అతిథిగా యూనివర్సిటీ కాలేజ్ ఆఫ్ ఇంజనీరింగ్ (కాకినాడ) ప్రిన్సిపాల్ డాక్టర్ యం. హెచ్. యం. కృష్ణ ప్రసాద్ హాజరై స్టైడ్స్ 2024 సావనీర్ ఆవిష్కరించారు. ఈ సందర్భంగా కళాశాల చైర్మన్ డాక్టర్ పరుచూరి కృష్ణారావు మాట్లాడుతూ ఇంజనీరింగ్ విద్యలో విద్యార్థుల యొక్క

సాంకేతిక నైపుణ్యాన్ని ప్రదర్శించడానికి ఇలాంటి సాంకేతిక సదస్సులు ఎంతగానో ఉపయోగపడతాయని పేర్కొన్నారు. అంతేకాకుండా ఈ విద్యా సంవత్సరం నుంచి టెక్నికల్ ఈవెంట్లలో భాగంగా స్ట్రైడ్స్ ప్రగతి హాకథాన్ నిర్వహించి, వాటిలో ఉత్తమమైన వాటిని ఎంపిక చేసి ప్రథమ, ద్వితీయ, తృతీయ బహుమతులుగా నగదు బహుమతులు అందజేస్తామని పేర్కొన్నారు. ఇంజనీరింగ్ విద్యలో ప్రయోగాత్మక పరిజ్ఞానం విద్యార్థులలో నైపుణ్యాలను పెంపొందించడానికి ఇటువంటి కార్యక్రమాలు ఉపయోగపడతాయని కళాశాల ప్రిన్సిపాల్ డాక్టర్ కె. సత్యనారాయణ తెలిపారు. ముఖ్య అతిథి డాక్టర్ కృష్ణ ప్రసాద్ మాట్లాడుతూ పేపర్ ప్రెజంటేషన్లు, పోస్టర్ ప్రెజంటేషన్లు అనేవి విద్యార్థిని, విద్యార్థుల ప్రతిభను వెలికితీయడానికి ఉపయోగపడతాయని, వారి పరిజ్ఞానాన్ని ఆలోచనలని అందరితో పంచుకోవడం ద్వారా విద్యార్థుల సృజనాత్మకత పెరుగుతందని అన్నారు. కళాశాల అసోసియేట్ ప్రొఫెసర్ ఆఫ్ డేటా సైన్స్, స్టైడ్స్ 2024 కన్వీనర్ యం.వి. రాజేష్ మాట్లాడుతూ తాము నిర్వహిస్తున్న వివిధ కార్యకలాపాలకు దేశం నలుమూలలకు చెందిన వివిధ కళాశాలల నుంచి సుమారు 10 వేల మందికి పైగా అభ్యర్థులు వివిధ పోటీ అంశాలలో రిజిస్టర్ అయ్యారని తెలిపారు. ఈ కార్యక్రమంలో ఎం.వి. హరనాధబాబు, చైరక్షర్ మేనేజ్ మెంట్ ఎం. సతీష్, వైస్ ప్రెసిడెంట్, డాక్టర్ జి. నరేష్, వైస్ ప్రిన్సిపాల్, వివిధ విభాగాధిపతులు, ఈవెంట్ కోఆర్డినేటర్లు, సీనియర్ అధ్యాపకులు, అధ్యాపకులు, విద్యార్థిని, విద్యార్థులు, తదితరులు పాల్గొన్నారు.

**ఈనాడు**  
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**ప్రాజెక్టులను పరిశీలిస్తున్న అధ్యాపక సిబ్బంది  
సాంకేతికతను అందిపుచ్చుకోవాలి**

గండేపల్లి: మారుతున్న కాలానుగుణంగా సాంకేతికతను అందిపుచ్చుకోవాలని ప్రగతి ఇంజనీరింగ్ కళాశాల చైర్మన్ పి.భృష్ణారావు విద్యార్థులకు సూచించారు. గండేపల్లి మండలం సూరంపాలెంలోని ఆ కళాశాలలో శనివారం రెండో రోజు డ్రైట్ కార్యక్రమం నిర్వహించారు. ఈ సందర్భంగా ఆయన మాట్లాడుతూ ఇంజనీరింగ్ విద్యార్థులు నిరంతరం ప్రయోగాత్మక ప్రాజెక్టులు చేస్తూ సమాజానికి, దేశానికి దోహదపడాలని అన్నారు. కళాశాల డైరెక్టర్ హరినాథబాబు, చైస్ చైర్మన్ సతీష్, ప్రిన్సిపల్ సత్యనారాయణ, అధ్యాపక సిబ్బంది, విద్యార్థులు పాల్గొన్నారు.

## Student Achievements in various activities:

### Paper publications:

- 1) K.RAGHUNATH, K.BHARATH, M.TEJA, G. RAMESH, M.MANIKANTAIV EEE A published paper entitled with, "FAULT DETECTION AND MITIGATION IN MULTILEVEL CONVERTER BY USING ACTIVE FAULT -TOLERANT CONTROL SYSTEM" Published in The International journal of mechanical engineering research and technology and experimental modal analysis (IJMEART), Volume 16, Issue 2, April/2024 ISSN NO: 2454-53X impact Factor 6.3
- 2) G. NAGASIVA DURGA, B. SATYA MANOJ REDDY, A. PRABHAS, G. SAI DURGA, B. ANUDEEPIV EEE A published paper entitled with, "TRANSFORMER HEALTH MONITORING USING ARDUINO AND GSM AND LOCAL MONITORING DISPLAY" Published in The International journal of applied science and engineering management (IJsem), Volume 18, Issue 01, April/2024, ISSN NO: 2454-9940, impact Factor 6.3.
- 3) K. BHAVANI PRASAD, NARLA UMAMAHESH, KONA NAGA PAVAN, NETALA JOHN WIND, YALLA KASHI VISHWANATH, CHEEKATLA NITISH OFIV EEE A published paper entitled with, "APPLIED IN SINGLE WIRE GROUND RETURN



- ELECTRIC POWER DISTRIBUTION GRIDS: SINGLE-PHASE TO THREE-PHASE UNIFIED POWER QUALITY CONDITIONER** “Published in Journal of inThe International journal of analytical and experimental modal analysis (IJAEMA), Volume XV, Issue IV, April/2023ISSN NO: 0886-9367 impact Factor 6.3
- 4) G.ARCHANA , S.DIVYA VEERAMANI , K.REVATHI , B.LIKHITHA , S.MOHANof IV EEE A published paper entitled with,“ **ENHANCEMENT OF POWER QUALITY DISTRIBUTION SYSTEMUSING FPID IND--STATCOM**“Published in Journal inThe International journal of Information technologyand computer engineering (IJTCE), Volume 12, Issue I, Mar 2024 ISSN NO: 2347-3657 impact Factor6.3
- 5) DONKAMARUTHIPRASAD,MALLASATHIBABU,PANDITIVENKATA BALAJI, ADAPA DEVI SRINIVAS, KARRI SHYAMof IV EEE A published paper entitledwith, “**ABattery-CapacitorIntegratedtoElectricVehicleandMicrogrid Incorporated Operations in V2G and G2V** Published in International journal of Marketing Managementt (IJMM)Volume 16, Issue-I ,ISSN NO: 2454-5007, March/2024,impact Factor 6.3.
- 6) DHANISETTIROSHINBONGUGIR,IJA,MEDISETTI JAHNAVI,VEDURUPAKAPRANAYSAMPATH, REKADI RAMUof IV EEE A publishedpaperentitledwith“**HITECHENERGYMETERFORMARTCITIESUSINGG SM TECHNOLOGY**Published in International Journal of Engineering research and science and Technology(IJERST) Volume 17, Issue-I , ISSN NO: 2319-5991, **March/2024**,impact Factor 6.2.
- 7) GOVADAKUSUMAKOMALI,KUNTAPRAVALLIKA,SUREDDI NAVYA SRI, VARIPILLI NAGA VALLIKA, BALIJI SRINU of IV EEE A published paper entitled with, “**AN EFFICIENTSYSTEMFORPVFEDTOBLDCMOTORBY USING ANN CONTROLLER**” Published in Intrenational Journal of Marketing management (IJMM), Volumee XV, Issue-IV , ISSN NO: 2454-5007, March 2024,impact Factor 6.2.
- 8) G.MADHURI,N.NITHYA,R.S.LALITHA,U.NAVEENA DEVI, M. BABA SWAROOPof IV EEE A published paper entitled with,“**INTEGRATIONOFRAILWAYSISTEMCONNECTEDFED TO MICROGRID STATIONS** “Published inInternational Journal of mechanical engineering research and technology (**IJMERT**) Volume 16, Issue I , ISSN: 2454-535X, **March 2024**,impact Factor 6.2.
- 9) A. PAVANI SRIVALLIKA, P. SAI DURGA POOJITHA, CH. HARISH, D. VEERABABU, N. VENKATof IV EEE A published paper entitled with,“ **ANALYSIS & CONTROL FOR PV SOLAR INTEGRATED WITH GRID FORMING POWER RESERVES**“Published in Journal of inInternational Journal of mechanical engineering research and technology(**IJMERT**) Volume 16, Issue-I, ISSN NO: 2454-5x, March2024 ,impact Factor 6.3.
- 10) **Mr. CH. NARESH, B. VAISHNAVI, B. SUSMITHA, M. MEGHANA SATYA LAKSHMI,P.B. SIRISHA, B. DHEERAJ** of IV EEE A published paper entitled with,“ **A NEW CONTROLLER FOR SOLAR PV FED MODULAR MULTILEVEL INVERTER TOWARDS WATER PUMPING APPLICATION**” Published in Intrenational Journal of HRM and Organizational behaviour(**IJHRMOB**) Volume XII, Issue-IV , ISSN NO: 2454-5015, April 2024,impact Factor 6.2.

- 11) **NAMRATHA,SD.TAHSEENFAROOQ,DUNGABHEEMARAJU,NAKKARAJESH,N ALLAMILLSANDEEPREDDY** of IV EEE A published paper entitled with, **“OPTIMALCONTROLSCHEMEFORSINGLEPHASE INDUCTION MOTOR”** Published in Intrenational Journal of information Technology ancomputerengineering(IJITCE), Volume XII, Issue-II, ISSN NO: 2347-3657, April 2024,impact Factor 6.2.
- 12) **S. HARI KRISHNA REDDY, V. JAYA PRAKASH, G. JAY PRAKASH, CH.HARINADH,P.REVANTHKIRAN**ofIVEEEApublishedpaperentitledwith,**“LOADCRI TERIAN POWER CONTROL FOR WITH INDEPTHANALYSIS OF SINGLE PHASVE ELECTRIC SPRINGS”** Published in Intrenational Journal of Management research and Business Strategy E(IJMRBS) Volume XIII, Issue-II, ISSN NO: :2319-345X, APRIL 2024,impact Factor 6.54.
- 13) **DEVURAJASEKHAR,KOPPISETTIMAHESH,KOTNALA JAYAKRISHNARAKESH, SANABOYINAMURALI SATYASAI, CHINTALAMOHAN DEVI PRASAD**of IV EEE B published paper entitled with, **“EnergyManagementSystemforHybridPV-Wind-BatteryBased Fuzzy Logic Controller System”** Published in Intrenational Journal of Engineering research and science and technology(IJERST) Volume XVII, Issue-I , ISSN NO: 2319-5991, March 2024,impact Factor 6.54
- 14) **MADALA VENKATESH , MYLA SATYA LAKSHMI NARAYANA , YANDRAPU NEELIMA , GANDHAM LAKSHMI TULASI , VALLI SATYA SRI**of IV EEE B published paper entitled with, **“DESIGN AND IMPLEMENTATION OF POWER SAVING ONRAILWAYPLATFORM BASED ON ARRIVAL AND DEPARTURE OF TRAIN”** Published in Intrenational Journal of HRM and Organizational behaviour(IJHRMOB) Volume XIV, Issue-V , ISSN NO: 2454-5015, APRIL 2024,impact Factor 6.54.
- 15) **ANKAM SAI VENKAT , TUMMA HARI VEERENDRA, SIDHANTHAPU GAGAN , MARGANA D.V. PRASANNA, MADISETTI TIRUMALA VASU**of IV EEE B published paper entitled with, **“IMPLEMENTATION OF FIRE CONTROL ROBOTIC VECHILE OVERIOT TECHNOLOGY “** Published in Intrenational Journal of HRM and Organizational behaviour (IJHRMOB) Volume 14, Issue 04, ISSN 2454-5015 , APRIL-2024, Impact Factor 6.54.
- 16) **M.AMULYA,G.H.D.V.LAKSHMI,A.SUBASH,M.M. MANIKANTA RAJU, WILLIAM CAREY.** ofIV EEE B published paper entitled with,**“OPERATINGMODESONGRIDCONNECTEDINDUCTIONMOTOR BY DC – LINK CONVERTER “** Published in Intrenational Journal of Engineering Research and science and technology (IJERST) Volume 17, Issue 01, ISSN 2319-5991 , March-2024, Impact Factor 6.54.
- 17) **DOOLLA VENKATA PADMA, GARAGA DHANASRI, THANGETI KHEMAAKHILA,AMUJURIRAMCHARANTEJA,TEKIJAYAVISWASAICHAIT ANYA, BARIDDI YELLAYYA REDDY** ofIV EEE B published paper entitled with, **“SOLARPOWEREDINCORPORATEDACLINFEEDERWITHACTIVEOUTPUT FILTER UNDER NON-LINEAR CONDITION “** Published in International Journal of information technology and computer Engineering (IJITCE) Volume 12, Issue 01, ISSN 2347-3657 , March-2024, Impact Factor 6.54.

- 18) **VANA TEJESWARA RAO, - M.D GOUSE MOHHIDDIN, O. DEEPAK CHAND, P.T.V.D. SAI TEJA, V.B.V.V.SAI NATH** of IV EEE B published paper entitled with, “DESIGNING & ENHANCING INTEGRATED ON-BOARD ELECTRIC VEHICLE BATTERY CHARGER USING MATLAB & SIMULINK” Published in International Journal of Management Research and business strategy (IJMRBS), Volume 13, Issue-I, ISSN NO: 2319-345x, March 2024, impact Factor 6.2.
- 19) **UPPULURI SUPRAJA, KOTLA VENKATA ROHITH, KOMMOJI SUPRIYA, REDDY SUJATHA, DHANEKULA HARSHA VARDHAN** of IV EEE B published paper entitled with, “ENHANCEMENT OF GRID CONNECTED PHOTOVOLTAIC SYSTEM FOR NON- LINEAR LOADS BASED ON MDSOGI - MPC ALGORITHM” Published in International Journal of Management Research and business strategy (IJMRBS), Volume 13, Issue-I, ISSN NO: 2319-345x, March-2024, impact Factor 6.2.
- 20) **LAVETIKHYATHIVIJAYAKUMAR, PEELANIKHIL PRABHUSAI, PENTAKOTA SAGAR, PALADI KOWSHIK, MARRI SURESH** of IV EEE B published paper entitled with, “ INTEGRATION OF FRACTIONAL ORDER SLIDING MODE CONTROL & ANN CONTROL IN D-STATCOM WITH POWER DISTRIBUTION SYSTEM ” Published in International Journal of Applied science Engineering and Management (IJASEM), Volume XVII, Issue-I, ISSN NO: 2454-9950, March-2024, impact Factor 6.2.
- 21) **K.SUSHMITHA PAVANI, S.AJITHA, K.VINOD, M.SANTHOSH KUMAR, P. S. S. SAI KIRAN** of IV EEE B published paper entitled with, “ ACTIVE CONTROL STRATEGIES FOR POWER QUALITY OF DC SYSTEMS AND REDUCE THE USAGE OF BULKY CAPACITORS ” Published in International journal of applied science engineering and management advanced research in science and technology (IJSEM) Volume 18, Issue-01, ISSN NO: 2454-9940, March 2024, impact Factor 6.428.
- 22) **UDAYSAIKIRAN, G.PAVANSAIPUNITH, M.SAIKIRAN, B.S.V.V.S.S.N. RAJAE** of IV EEE B published paper entitled with “ASINGLE PHASE TO THREE PHASE DRIVES SYSTEM USING TWO DC LINK PARALLEL SINGLE-PHASE RECTIFIERS” Published in International journal of information technology & computer engineering (IJITCE), Volume 12, Issue-02, ISSN NO: 2347-3657, APRIL 2024, impact Factor 6.428.
- 23) **YALLAMILLIARAVIND, KANTIPUDI BOBBY, VULLIGUNA SEK HAR, BANDARU SURYA SAI ABHIRAM, KARRI BHANU TEJA** of IV EEE B published paper entitled with “WIRELESS CHARGING ELECTRICAL VEHICLES BY OPTIMAL INDUCTIVE COUPLE TRANSFORMER” Published in International journal of mechanical engineering research and technology (IJMERT) Volume 16, Issue-01, ISSN NO: 2454-535x, March 2024, impact Factor 6.428.
- 24) **D.SATHWIK, D.AMARNATH GUPTHA, G.JYOTHIARAVIND, G. PRAVEEN KUMAR, N.JOHN** of IV EEE B published paper entitled with “VIENNA RECTIFIER FEDSQUIRREL CAGE INDUCTION GENERATOR BASED STAND-ALONE WIND ENERGY CONVERSION SYSTEM” Published in International journal of marketing management (IJMM), Volume 16, Issue-01, ISSN NO: 2454-5007, March 2024, impact Factor 6.428.

**Project display:**

**P.Vijaya lakshmi(22A31A0272), M.Chaya amrutha(22A31A0264), A.Karthik(23A35A0223)** got consolation prize for Data transmission via light using lift technology, at JNTUK-innovation fair. A national level technical symposium during march 27<sup>th</sup> and 28<sup>th</sup>.

**PARTICIPANTS LIST**

Sl.No	Roll.No	Student Name
1	22A31A0257	G.Anjani
2	22A31A0256	D.Harshitha
3	22A31A0272	P.Vijaya lakshmi
4	22A31A0263	S.Chandu
5	22A31A0264	M.Chaya amrutha
6	22A31A0289	M.Chaithanya
7	23A35A0223	A.Karthik
8	23A35A0225	A.Madhav
9	23A35A0230	D.Kondababu

**❖ Two days Workshops attended by the students(at pragati engineering college)**

**Two days workshop on industrial automation-PLC&SCADA in association with TECHNEX,IIT Varanasi on 3<sup>rd</sup> and 4<sup>th</sup> april2024**

S.No	Roll.No	Student Name
1	21A31A0202	BALABHADRUNI JAYASRI
2	21A31A0203	BAVISETTI LAKSHMI SRI SAHITHI
3	21A31A0204	CHITTIMOJU NAGA DURGA SRI BHAGYA LAKSHMI
4	21A31A0205	BENDAPUDI TANU SRIYA
5	21A31A0206	GANTA KANCHANA SURYA KEERTHI
6	21A31A0207	GUTHULA SUREKHA
7	21A31A0211	KETHADI SRI VARSHINI
8	21A31A0213	KOSIREDDI JYOTHI
9	21A31A0215	MEDAPATI POORNA CHANDRIKA
10	21A31A0218	PASUPULETI SRUJANA
11	21A31A0220	SARVASUDDI JAYA SANTHOSHI
12	21A31A0221	TOLETY LAKSHMI PRASANNA
13	21A31A0223	VIJAYA BHANU KONETI



14	21A31A0226	BIKKANA SANDEEP
15	21A31A0227	CHALLA ABHISHEK
16	21A31A0228	CHEEKATLA UMA GOWTHAM
17	21A31A0229	GUTTHURTHI MANOJ KUMAR
18	21A31A0230	GEDDAM CHIRANJEEVI
19	21A31A0231	GEDDAM SRI BALA ANANTHA VISWESWARA RAO
20	21A31A0234	JAJALA SRI SAI MUKUND
21	21A31A0238	KONDAPALLI SAI GANESH
22	21A31A0241	MALLIREDDY JAYANTH
23	21A31A0244	MURAPAKA DEEPAK SAI KUMAR
24	21A31A0248	OLETI PRASANNA TEJA
25	21A31A0249	PALLI YUGENDRA
26	21A31A0252	PILLI SURYA NAGA SANDEEP
27	21A31A0256	THORAM MADHU NAGA SAI DURGA BALAJI
28	21A31A0258	YANAMADALA NAVYA VENKATA THARAKA
29	21A31A0259	AMBATI SHYAMALA
30	21A31A0260	BADDI V V S S S MANJUSRI
31	21A31A0261	DANNINA NAGA VENKATA LAHARI
32	21A31A0262	GUTTULA PRADEEPTHI
33	21A31A0263	LINGAMPALLI NIMISHA
34	21A31A0264	PENDYALA ROHINI
35	21A31A0265	MANCHINEELLA KUSUMA
36	21A31A0266	THOTA DIVYA
37	21A31A0267	TUMMALA PUSHPA VENKATA CHAKRAVENI
38	21A31A0269	DODDA UMESH
39	21A31A0272	GEDDAM SIMHADRI ABHISHEK
40	21A31A0273	GOLLAVILLI SURYATEJA
41	21A31A0277	MOHAMMAD HAFEEZ
42	21A31A0281	PALLI VENKATA KOUSHIK
43	21A31A0283	PODURI SRINIVAS
44	21A31A0284	POTTI SRI CHARAN
45	21A31A0285	REVVU PETER PRAVEEN
46	21A31A0288	SREEKRISHNA CHAITANYA BIKKINA
47	21A31A0290	VATTIKUTI VEERENDRA KUMAR
48	21A31A0293	BADUGANTI ANIL KUMAR
49	21A31A02A0	YEDUVAKA MANIKANTA
50	22A35A0201	ANAPARTHI MAHESH
51	22A35A0203	BODA VAMSI
52	22A35A0204	CHALLABATHULA AMARNATH

53	22A35A0205	DALIPARTHI KIRAN KUMAR
54	22A35A0206	GOVVALA RAMAKRISHNAM RAJU
55	22A35A0207	KAMISETTI NAGA BHASKARA VENKATA SURYA
56	22A35A0209	KARRI AMAR SAI ESWAR
57	22A35A0210	KOSURI VARA PRASAD
58	22A35A0211	KOTI NAVEEN
59	22A35A0212	MARRIPIREDDY RAVITEJA
60	22A35A0213	NAKKA SIVAMANI
61	22A35A0214	PENTAKOTA SURESH APPALARAJU
62	22A35A0216	SATTI VENKATESH
63	22A35A0217	TALATAM GANESH PHANI NANDA
64	22A35A0218	YADLA DIVAKAR
65	22A35A0219	ANISETTI SATYA CHARISHMA
66	22A35A0220	BUTTE CHANDRA TEJASRI
67	22A35A0221	MEDISETTI RIYA SREE
68	22A35A0223	RUNKANI SUMA
69	22A35A0224	SAMANTULA SANTOSHI
70	22A35A0225	SANAPALLI REVATHI ANITHADEVI
71	22A35A0226	SERU INDU UDAYA ISHWARYA
72	22A35A0228	JONNAGANTI RAMATULASI
73	22A35A0232	ASARI UDAYA KIRAN
74	22A35A0233	KALLA SRI SAI AJAY KUMAR
75	22A35A0234	KASINA SAI SATYA KOUSHIK
76	22A35A0235	KONDAPANI SAI BHARAT
77	22A35A0237	MOHAMMED NOOR MOHAMMED AFRID

### INTERNSHIPS

- The following students are got institution of (IE(I)) membership

The following students have IE(I) membership

S.No	Roll number	Name Of The Student
1.	22A31A0201	Adabala Anjani
2.	22A31A0204	Appasani V V Chandra Hemalatha
3.	22A31A0205	Attili Sri Vijaya
4.	22A31A0206	Bathula Srivalli
5.	22A31A0207	Bingina Sai Santhoshi
6.	22A31A0210	Kadali Mahalakshmi
7.	22A31A0211	Kadimi Nagapurnalakshmi
8.	22A31A0214	Kottu Yasaswini Sree
9.	22A31A0215	Kumili Vennela
10.	22A31A0218	Nimmakayala Madhavi
11.	22A31A0220	Ramisetti Bala Bavya Sri
12.	22A31A0226	Anisetti Padma Raju

13.	22A31A0237	Kothem Jaya Ram
14.	22A31A0253	Thirumareddi Sandeep
15.	22A31A0202	Addanki Satya Niharika
16.	22A31A02A2	Yanapu Srinivas
17.	22A31A0257	Deepthimahanti Harshitha
18.	22A31A0260	Ganta Sree Ananda N S Durga Anjani
19.	22A31A0261	Kottu Lavanya
20.	22A31A0263	Muchakarla Durga V Chandu Sriya
21.	22A31A0269	Singineedi Lavanya
22.	22A31A0272	Pinninti Vijaya Lakshmi
23.	22A31A0279	Gudala Chiranjivi
24.	22A31A0283	Katari Satish
25.	23A35A0219	Simhadri Geetha Jayasri
26.	23A35A0220	Pala Uma
27.	23A35A0222	S.Preethi Mani
28.	23A35A0223	Aduri Karthik
29.	23A35A0227	Baswa Hemanthkumar
30.	23A35A0231	Dulla Ganga Chakradhar

The following students attended for ten weeks virtual internship organized by EEE Dept, Pragati Engineering college during Dec – Feb2024

S.No.	Roll. No	Student Name
1.	20A31A0201	A.Pavani Srivallika
2.	20A31A0202	Bajinku Susmitha
3.	20A31A0203	B.Likhitha
4.	20A31A0204	B.Mydhili Sri Vaishnavi
5.	20A31A0205	Ch.Namratha
6.	20A31A0206	G.Madhuri
7.	20A31A0207	G.Archana
8.	20A31A0208	Kesavarapu Revathi
9.	20A31A0209	K.Monikalakshmi
10.	20A31A0210	M.Meghana Satyalakshmi
11.	20A31A0211	N.K.N.S.Nitya Santhoshini
12.	20A31A0212	P.Sai Durga Poojitha
13.	20A31A0213	Polupalli Bala Sirisha
14.	20A31A0214	P.Subha Sreya
15.	20A31A0215	Rayudu Sri Lalitha
16.	20A31A0216	S.Sujathasony
17.	20A31A0217	Sayyed Tahseen Farooqh
18.	20A31A0218	S.Divya Veeramani
19.	20A31A0219	U.Naveenadevi
20.	20A31A0220	A.Devi Srinivas
21.	20A31A0221	A.Prabhas
22.	20A31A0222	B.Srinu
23.	20A31A0223	Bantu David Dheeraj Kumar Raju
24.	20A31A0224	B Satya Manoj Reddy
25.	20A31A0225	B. Anudeep
26.	20A31A0226	Ch.Hari Nadh
27.	20A31A0227	Ch.Harish

28.	20A31A0228	D.Veerababu
29.	20A31A0229	D.Bheema Raju
30.	20A31A0230	G.Jayaprakash
31.	20A31A0231	Guraja.RAMESH
32.	20A31A0232	G.Saidurga
33.	20A31A0233	K.Shyam
34.	20A31A0234	K.Bharath
35.	20A31A0235	M.Dharma Teja
36.	20A31A0236	M.Manikantaswamy
37.	20A31A0237	Mummidi Baba Swaroop
38.	20A31A0239	Nakka Rajesh
39.	20A31A0240	N.Sandeep Reddy
40.	20A31A0241	N Venkat
41.	20A31A0242	Panditi Venkata Balaji
42.	20A31A0244	P.Revanth Kiran
43.	20A31A0245	R. Surya
44.	20A31A0246	R.Ramu
45.	20A31A0247	Sana Mohan Venkata Satya Kumar
46.	20A31A0248	Satti Hari Krishna Reddy
47.	20A31A0249	Satya Murali Tekimudi
48.	20A31A0250	V.Pranay Sampath Kumar
49.	20A31A0251	Vennela Jaya Prakash
50.	20A31A0252	Doolla Venkata Padma
51.	20A31A0253	Gandham Lakshmi Tulasi
52.	20A31A0254	G. Dhanasri
53.	20A31A0255	G.H.D.V.Lakshmi
54.	20A31A0256	K. Sushmitha Pavani
55.	20A31A0257	Kommoji Supriya
56.	20A31A0258	Matapodu Amulya
57.	20A31A0259	R Sujatha
58.	20A31A0260	S. Ajitha
59.	20A31A0261	T.J.V.S.Chaitanya
60.	20A31A0262	T.Akhila
61.	20A31A0263	U.Supraja
62.	20A31A0264	Valli Satyasri
63.	20A31A0265	Y.Neelima
64.	20A31A0266	A.Ram Charan Teja
65.	20A31A0267	Anusuri Subash
66.	20A31A0268	Bss Abhiram.
67.	20A31A0269	Bariddi Yellayya Reddy
68.	20A31A0270	Boonasula Venkata Rao
69.	20A31A0272	Ch.Mohan Devi Prasad
70.	20A31A0273	D.Amarnath Guptha
71.	20A31A0274	Devu Raja Sekhar
72.	20A31A0275	Devulapalli S S Sathwik
73.	20A31A0276	Dhanekula Harsha Vardhan
74.	20A31A0277	Prasanna Margana
75.	20A31A0278	Udaysaikiran
76.	20A31A0279	G.Praveen Kumar

77.	20A31A0280	G.Jyothi Aravind
78.	20A31A0281	Kantipudi Bobby
79.	20A31A0282	K.Bhanu Teja
80.	20A31A0283	Koppiseti Mahesh
81.	20A31A0284	Kotla Venkata Rohith
82.	20A31A0285	Kotnala Jaya Krishna Rakesh
83.	20A31A0286	K. Vinod
84.	20A31A0287	Laveti Kyathi Vijaya Kumar
85.	20A31A0288	Mallipudi .Manju Manikanta Raju
86.	20A31A0289	M.Suresh
87.	20A31A0290	Mekala.Santhosh Kumar
88.	20A31A0291	John Naganathula
89.	20A31A0292	P Kowshik
90.	20A31A0293	P S S Sai Kiran
91.	20A31A0294	P. Nikhil Prabhu Sai
92.	20A31A0295	S.Murali Satya Sai
93.	20A31A0297	Vulli .Guna Sekhar
94.	20A31A0298	William Carey Vantimi
95.	20A31A0299	Yallamilli Aravind
96.	21A35A0201	Bongu. Girija
97.	21A35A0202	Roshini Dhaniseti
98.	21A35A0203	Govada Kusuma Komali
99.	21A35A0204	Kunta Pravallika
100.	21A35A0205	Mediseti Jahnvi
101.	21A35A0206	S Navya Sri
102.	21A35A0207	Varipilli Nagavallika
103.	21A35A0208	Donka Maruthiprasad
104.	21A35A0209	G.Nagasiva Durga
105.	21A35A0210	K . Raghunath
106.	21A35A0211	M.Sathibabu
107.	21A35A0212	Ankam Sai Venkat
108.	21A35A0213	Gandepalli Pavan Sai Punith
109.	21A35A0214	Madala Venkatesh
110.	21A35A0215	Mare Sai Kiran
111.	21A35A0216	M.Tirumala Vasu
112.	21A35A0217	Md.Gouse Mohiddin
113.	21A35A0218	Myla Satya Lakshmi Narayana
114.	21A35A0219	Ootala Deepak Chand
115.	21A35A0220	Pentakota Sagar
116.	21A35A0221	P.T.V.D.Sai Teja
117.	21A35A0222	S.Gagan
118.	21A35A0223	Tumma Hari Veerendra
119.	21A35A0224	Vadlamuri Bala Veera Venkata Sainath
120.	21A35A0225	V.Tejeswararao

### ❖ Workshops attended by the students

- ❖ The following students are successfully completed two day work shop on GENERATIVE-AI an outreach work shop of IIT VARANASI(BHU) delivered by visionxlab held at department of EEE,college of engineering Vizianagaram(A),JNTUV on 26<sup>th</sup> and 27<sup>th</sup> february 2024 as a part of ECLECTIQUE2K24.

### ❖ PARTICIPANTS LIST

Sl.No	Roll.No	Student Name
1	21A31A0256	T.M.N.S.D Balaji
2	21A31A0262	G.Pradeepthi
3	21A31A0287	S.Satya devi sri prasad
4	21A31A0288	B.Chaitanya
5	21A31A0289	V.Pavan kumar
6	22A35A0220	B.Chandra teja sri
7	22A35A0228	J.Rama tulasi
8	22A35A0233	K.Ajaykumar
9	21A31A0260	B.Manjusri
10	21A31A0285	R.Peter praveen
11	22A35A0234	K.Sai satya koushik
12	21A31A0261	D.Lahari
13	22A35A0211	K.Naveen
14	22A35A0218	Y.Divakar
15	22A35A0235	K.Sai Bharat
16	21A31A0238	K.Sai ganesh
17	21A31A0216	N.Harshita
18	21A31A0284	P.Sri charan
19	21A31A0220	S.Jaya santhoshi

### ONLINE /NPTEL COURSES DONE BY STUDENTS:

1. T.M.N.S.D Balaji has successfully completing the NPTELCourse “Data base management system” during july-sep 2023.organised by MoE,Govt.of India.
2. K.Sri sai Ajay kumar has successfully completing the NPTELCourse “Operating system fundamentals” during july-Oct 2023.organised by MoE,Govt.of India.
3. K.Satya sai koushik has successfully completing the NPTELCourse “Design of Electric motors” during july-Oct 2023.organised by MoE,Govt.of India.
4. G.Pradeepthi has successfully completing the NPTELCourse “Data base management system” during july-sep 2023.organised by MoE,Govt.of India.
5. Y.Sai venkat has successfully completing the NPTELCourse “Programming,Data structures and Algorithms using Python” during july-sep 2023.organised by MoE,Govt.of India.
6. P.Satya sri has successfully completing the NPTELCourse “Data base management system” during jan-march 2024.organised by MoE,Govt.of India.
7. R.Suma has successfully completing the NPTELCourse “Privacy and security in online social media” during jan-April 2024.organised by MoE,Govt.of India.



8. K.Sri sai Ajay kumar has successfully completing the NPTELcourse “Embedded sensing,Actuation and Interfacing systems” during jan-April 2024.organised by MoE,Govt.of India.
9. K.Satya sai koushik has successfully completing the NPTELcourse “Industrial Automation and control” during jan-April 2024.organised by MoE,Govt.of India.
10. B.Sndeeep has successfully completing the NPTELcourse “Data Analytics With Python” during jan-April 2024.organised by MoE,Govt.of India.
11. P.Pavan kumar has successfully completing the NPTELcourse “Data base management system” during jan-March 2024.organised by MoE,Govt.of India.
12. B.Chandra teja sri has successfully completing the NPTELcourse “Data base management system” during jan-March 2024.organised by MoE,Govt.of India.
13. M.Chandra sekhar Durga rao has successfully completing the NPTELcourse “Data base management system” during jan-March 2024.organised by MoE,Govt.of India.
14. S.Ishwarya has successfully completing the NPTELcourse “Privacy and security in online social media” during jan-April 2024.organised by MoE,Govt.of India.
15. P.Harika has successfully completing the NPTELcourse “The joy of computing using Python” during jan-April 2024.organised by MoE,Govt.of India.
16. A.Siva rajeswari has successfully completing the NPTELcourse “The joy of computing using Python” during jan-April 2024.organised by MoE,Govt.of India.
17. T.Divya has successfully completing the NPTELcourse “The joy of computing using Python” during jan-April 2024.organised by MoE,Govt.of India.
18. K.Sravani has successfully completing the NPTELcourse “The joy of computing using Python” during jan-April 2024.organised by MoE,Govt.of India.
19. M.Kusuma has successfully completing the NPTELcourse “The joy of computing using Python” during jan-April 2024.organised by MoE,Govt.of India.
20. A.Syamala has successfully completing the NPTELcourse “The joy of computing using Python” during jan-April 2024.organised by MoE,Govt.of India.

### **Sports day celebrations**

#### **Kabaddi winners**

20A31A0250	V.Sampath kumar
20A31A0231	G.Ramesh
21A35A0214	M.Venkatesh
20A31A0293	P.Sai kiran
20A31A0290	M.Santhosh kumar
20A31A0281	K.Boby
21A35A0220	P.Sagar
20A31A0277	M.Prasanna

#### **EDITORIAL BOARD COMMITTEE:**

##### **Staff**

1. Mr.K.V.Durga PrasadAssistant professor - Incharge HOD-EEE
2. Ms. K.Devi Assistant Professor