

# DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

## PROGRAMMES CONDUCTED:

### 1. ONE DAY SEMINAR ON “NPTEL-SWAYAM”:



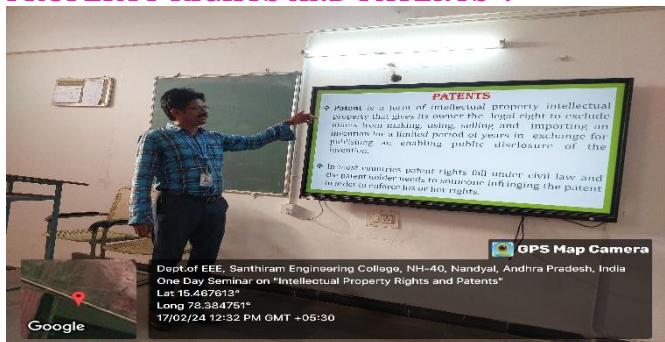
The Department of EEE has organized a One day Seminar on **“NPTEL-SWAYAM”** for III & II B.Tech-II Sem EEE students on 24-01-2024 In Association with IEEE Student Branch STB 17901 & IEEE Power Electronics Society SBC 17901C. **Mr. M.Y Veeresh**, Asst.Prof & Hod of EEE Department, SREC acted as resource person for this program.

### 2. ONE DAY WORKSHOP ON “DESIGN ANALYSIS & SIMULATION OF ELECTRIC VEHICLE DYNAMICS”:



The Department of EEE has organized a One day workshop on **“Design Analysis & Simulation of Electric Vehicle Dynamics”** for III & II B.Tech-II Sem EEE students on 29-01-2024 In Association with IEEE Student Branch STB 17901 & IEEE Power Electronics Society SBC 17901C. **Mr. M.Y Veeresh**, Asst.Prof & Hod of EEE Department, SREC acted as resource person for this program.

### 3. ONE DAY SEMINAR ON “INTELLECTUAL PROPERTY RIGHTS AND PATENTS”:



The Department of EEE has organized a One day seminar on **“Intellectual Property Rights and Patents”** for III & II B.Tech-II Sem EEE students on 17-02-2024 In Association with IEEE Student Branch STB 17901 & IEEE Power Electronics Society SBC 17901C. **Mr. A. Raghavendra Prasad**, Asst.Prof & Depart. Of EEE, SREC acted as resource person for this program.

### 4. ONE WEEK CERTIFICATE PROGRAM “ADVANCEMENT & FUTURE SCOPE OF ELECTRIC VEHICLES & DRIVE TRAIN SYSTEMS”:



The Department of EEE has organized a One Week Add-On program on **“Advancement & Future Scope of Electric Vehicles & Drive Train Systems”** for IV B.Tech-II Sem EEE students from 22-02-2024 to 28-02-2024 in Association with IEEE Student Branch STB 17901 & IEEE Power Electronics Society SBC 17901C. **Mr. M.Y Veeresh**, Asst.Prof & Hod of EEE Department, SREC acted as resource person for this program.

### 5. ONE DAY INDUSTRIAL VISIT TO 765/400KV SUBSTATION POWER GRID CORPORATION OF INDIA LTD:



The Department of EEE has organized a one day industrial visit to **“765/400KV Substation (Power Grid Corporation of India Ltd)”** on 24 - 02 - 2024 for III & II B.Tech II Sem EEE Students. **Mr.S.Seetharamudu & Mr.A.Raghavendra Prasad**, Asst.Prof. Dept.of EEE coordinators for this program.

### 6. ONE DAY SEMINAR ON “RESEARCH METHODOLOGY”:



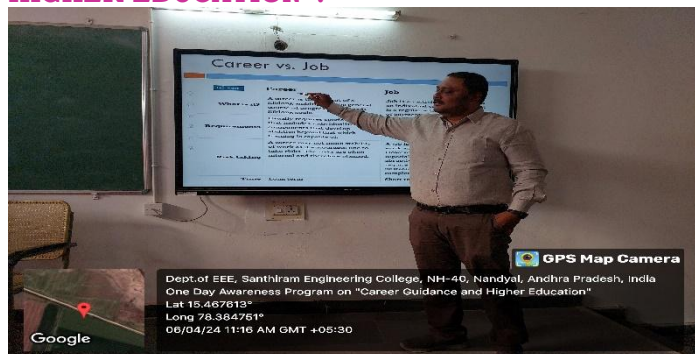
The Department of EEE has organized a One day Seminar on **“Research Methodology”** for III & II B.Tech-II Sem EEE students on 18-03-2024 In Association with IEEE Student Branch STB 17901 & IEEE Power Electronics Society SBC 17901C. **Mr.S.Seetharamudu** Asst.Prof, Dept.of EEE, SREC acted as resource person for this program.

## 7. ONE WEEK CERTIFICATE PROGRAM "MODELLING & ANALYSIS OF GRID INTERFACED SOLAR PV SYSTEMS":



The Department of EEE has organized a One Week Add-On program on **"Modelling & Analysis of Grid Interfaced Solar PV Systems"** for III & II B.Tech-II Sem EEE students from 01-04-2024 to 06-04-2024 in Association with IEEE Student Branch STB 17901 & IEEE Power Electronics Society SBC 17901C. **Dr K.Rajasekhara Reddy**, Asso.Prof & **Mr S.Seetharamudu**, Asst.Prof Dept.of EEE, SREC acted as resource persons for this program.

## 8. ONE DAY SEMINAR ON "CAREER GUIDANCE & HIGHER EDUCATION":



The Department of EEE has organized a One day Seminar on **"Career Guidance & Higher Education"** for IV B.Tech-II Sem EEE students on 06-04-2024 In Association with IEEE Student Branch STB 17901 & IEEE Power Electronics Society SBC 17901C. **Dr K.Rajasekhara Reddy**, Asso.Prof, Dept.of EEE, SREC acted as resource person for this program.

## FACULTY ATTENDED FDP'S/WORKSHOPS:

- **Mr.A.Raghavendra Prasad**, Assistant Professor, Dept.of EEE has participated Three Day Workshop on **"Research Methodology and Publication Ethics"** held from 01-02-2024 to 03-02-2024 organized by MBU, Tirupathi.
- The following faculty members have participated One week online FDP on **"Emerging Trends and Challenges in Renewable Energy Systems"** held from 05-02-2024 to 09-02-2024 organized by Gates Institute of Technology, Gooty.
  1. **Dr.K.Rajasekhara Reddy**, Associate Professor, Dept. of EEE, SREC.
  2. **Mr.M.Y.Veeresh**, Assistant Professor, Dept.of EEE, SREC.
  3. **Mr.S.Seetharamudu**, Assistant Professor, Dept.of EEE, SREC.
  4. **Mr.A.Raghavendra Prasad**, Assistant Professor, Dept.of EEE, SREC.
  5. **Mr.V.Ramanjineyulu**, Assistant Professor, Dept.of EEE, SREC.
  6. **Mr.N.V.S.Prasad**, Assistant Professor, Dept.of EEE, SREC.
- **Mr.A.Raghavendra Prasad**, Assistant Professor, Dept.of EEE has participated one week online FDP Program on **"Aiming Towards 3D's in Electrical Engineering"** held from 11-03-2024 to 15-02-2024 organized by Mahatma Gandhi Institute of Technology, Hyderabad.
- **Mr.N.V.S Prasad**, Assistant Professor, Dept.of EEE has participated one week online FDP Program on **"Aiming Towards 3D's in Electrical Engineering"** held from 11-03-2024 to 15-02-2024 organized by Mahatma Gandhi Institute of Technology, Hyderabad.
- **Mr.N.V.S Prasad**, Assistant Professor, Dept.of EEE has participated one week online FDP Program on **"Recent Advances in Control and Instrumentation with Integration of Artificial Intelligence: Opportunities, Challenges, and Implications"** held from 01-04-2024 to 05-04-2024 organized by Department of BSH, UEM Kolkata, Kolkata.
- **Mr.A.Raghavendra Prasad**, Assistant Professor, Dept.of EEE has participated one week online FDP Program on **"Advancing Power Grid Operations: Integrating Renewable Sources and Evs at Scale"** held from 20-05-2024 to 24-05-2024 organized by SR University, Warangal.
- **Mr.N.V.S Prasad**, Assistant Professor, Dept.of EEE has participated one week online FDP Program on **"Advancing Power Grid Operations: Integrating Renewable Sources and Evs at Scale"** held from 20-05-2024 to
- **Mr.A.Raghavendra Prasad**, Assistant Professor, Dept.of EEE has participated one week online FDP Program on **"Viksit Bharat 2047- Role of Engineering Faculty"** held from 29-01-2024 to 02-02-2024 organized by RGUKT, IIIT RK Valley, Kadapa & ALITS, Anantapuramu.
- **Mr.N.V.S.Prasad**, Assistant Professor, Dept.of EEE has participated one week online FDP Program on **"Viksit Bharat 2047- Role of Engineering Faculty"** held from 29-01-2024 to 02-02-2024 organized by RGUKT, IIIT RK Valley, Kadapa & ALITS, Anantapuramu.



24-05-2024 organized by SR University, Warangal.

### **FACULTY ACHIEVEMENTS:**

- **Mr.A.Raghavendra Prasad**, Assistant Professor joined as Research Scholar (Ph.D Admission) in **Mohan Babu University**.

### **PUBLICATIONS:**

- **Mr.M.Y.Veeresh & N.V. Pushpalatha (21X55A0226)** et.al Published a Paper on **Development of an LPG Monitoring and Automatic Cylinder Booking System Based on Wireless Sensor Networks**, in International Journal of Scientific Research & Engineering Trends, Vol.10, Issue No.2, Pg No: 486-490, ISSN: 2395-566X, March/April 2024.
- **Mr.M.Y.Veeresh & U.Prashanth (21X55A0237)** et.al Published a Paper on **Arduino Based Low Cost Active Dual Axis Solar Tracker**, in International Journal of Scientific Research & Engineering Trends, Vol.10, Issue No.2, Pg No: 542-547, ISSN: 2395-566X, March/April 2024.
- **Mr.S.Seetharamudu & M.Raveendra Naik (21X55A0223)** et.al Published a Paper on **Smart Home Automation Using Alexa with Node MNC**, in International Journal of Scientific Research & Engineering Trends, Vol.10, Issue No.2, Pg No: 1483-1487, ISSN: 2395-566X, March/April 2024.
- **Dr.K.Rajasekhara Reddy & K.Sridhar (21X55A0221)** et.al Published a Paper on **Cloud Based Wireless Sensor Network For Industrial Parameter Monitoring, Fault Detection And Alert System**, in International Journal of Creative Research Thoughts, Vol.4, Issue No.2, Pg No: 2320-2882, ISSN: 2320-2882, April 2024.
- **Dr.K.Rajasekhara Reddy & S.Arshiya (21X55A0231)** et.al Published a Paper on **Renewable Energy Integration INTO Cloud and IOT Based Smart Agriculture**, in International Journal of Progressive Research in Engineering Management and Science, Vol.12, Issue No.4, Pg No: 1689-1696, ISSN: 2583-1062, April 2024.
- **Mr.M.Siva Sankar & M.Raveendra Naik (21X55A0223)** et.al Published a Paper on **Low Power Smart Vehicle Accident Detection and Monitoring, Collision Avoidance and Antitheft System**, in International Journal of Progressive Research in Engineering Management and Science, Vol.4, Issue No.4, Pg No: 1637-1641, ISSN: 2583-1062, April 2024.
- **Mr.Raghavendra Prasad & J. Samir Kumar (20X51A0210)** et.al Published a Paper on **IOT Based Real Time Health Monitoring System**, in International Journal of Science, Engineering and

Technology, Vol.12, Issue No.2, Pg No: 1-6, ISSN: 2348-4098, April 2024.

- **Mr.Raghavendra Prasad & B.Harun (21X55A0204)** et.al Published a Paper on **IOT Based Bank Security System**, in International Research Journal of Modernization in Engineering Technology and Science, Vol.6, Issue No.4, Pg No: 8247-8253, ISSN: 2582-5208, April 2024.
- **Mr.U.M.Sandeep Kumar & B. Purushotham Naidu (21X55A0206)** et.al Published a Paper on **Solar Based Wireless Electrical Vehicle Charging System**, in International Journal of Progressive Research in Engineering Management and Science, Vol.4, Issue No.4, Pg No: 1548-1555, ISSN: 2583-1062, April 2024.
- **Mrs.R.Sujatha & V.Harshavardhana Achari (21X55A0238)** et.al Published a Paper on **IOT Based Fault Detection of Underground Cables Through MCU Module**, in International Journal of Progressive Research in Engineering Management and Science, Vol.4, Issue No.4, Pg No: 1245-1252, ISSN: 2583-1062, April 2024.
- **Mr.V.Ramanjineyulu & L.Srikanth (20X51A0211)** et.al Published a Paper on **Design of an Agricultural Picking Robot Based on a Arduino**, in International Journal of Research Publication and Reviews, Vol.5, Issue No.4, Pg No: 6339-6347, ISSN: 2582-7421, April 2024.

### **STUDENTS CURRICULAR PROGRAMS:**

- **Mr. Shaik Mohammed Wasim (23X55A0222) & C.Madhan Kumar (23X55A0203)** II-II EEE has Participated in the event “**KITES-2K24 National level Technical Symposium**” on 28-02-2024 organized by Dr K V Subba Reddy Institute of Technology, Kurnool.
- The following students have participated Paper presentation in XX National level Technical Symposium (Pravaha-2K24) on 14-03-2024 to 15-03-2024 organized by RGM College, Nandyal.
  1. **Mr. S.Mohammed Wasim (23X55A0222) & P. Mahammad Rafi(23X55A0216)** II-II EEE participated and received **2<sup>nd</sup> Prize**.
  2. **Mr. C.Madhan Kumar (23X55A0202)** II-II EEE, SREC.
  3. **Mr. S.Uday Kumar Yadav (22X51A0203)** II-II EEE, SREC.
  4. **Ms. P.Pavani (23X55A0214)** II-II EEE, SREC.
- The following students have participated Paper presentations & Technical Quiz in National level Technical Fest (Dillana-2K24) on 27-03-2024 to 28-03-2024 organized by SVR Engineering College, Nandyal.
  1. **Ms. S.Arshiya(21X55A0231)** IV-II EEE, participated **Paper Presentation** and received **1<sup>st</sup> Prize**.

2. **Mr. S.Mohammed Wasim (23X55A0222)** II-II EEE, participated **Paper Presentation** and received **2<sup>nd</sup> Prize** and participated in **Technical Quiz**.
3. **Mr. C.Madhan Kumar (23X55A0202)** II-II EEE participated **Paper Presentation** and **Technical Quiz**.
4. **Ms.C.Dhana Lakshmi (22X55A0208) & P.Maneesha Bee (22X55A0228)** III-II EEE, participated **Paper Presentation**.
5. **Mr. Shaik Mohammed Gouse (22X55A0239)** III-II EEE participated **Paper Presentation**.
6. **Mr. P. Mahammad Rafi (23X55A0216) & Ms. Anakala Eekshitha Sree(22X55A0202)** II-II EEE participated **Paper Presentation**.
7. **Mr. S.Uday Kumar (22X51A0203)** II-II EEE, participated **Technical Quiz**.

- **Ms. S.Lakshmi Surabhi (21X55A0235)** IV-II EEE has Participated in the event “**SIGMA-2K24 ABHINAVA**” on 15-04-2024 to 16-04-2024 organized by SREC,Nandyal.

#### **STUDENTS ARTS & CULTURAL PROGRAMS:**

- **Ms. S.Lakshmi Surabhi (21X55A0235)** IV-II EEE has Participated **Dancing** event and received the **2<sup>nd</sup> Prize** in the “**SIGMA-2K24 ABHINAVA**” on 15-04-2024 to 16-04-2024 organized by SREC,Nandyal.
- **Mr. S.Uday Kumar Yadav (22X51A0203)** II-II EEE has Participated **Fashion Show** event and received the **2<sup>nd</sup> Prize** in the “**SIGMA-2K24 ABHINAVA**” on 15-04-2024 to 16-04-2024 organized by SREC,Nandyal.

#### **STUDENTS INTERNSHIPS:**

- Total **39 members of 2021 Batch & 2022** Batch students have successfully completed Internship in following domains **AI-ML, Intelligent Automation, Cyber Security, Cloud, Embedded System Developer, Zero Trust Cloud Security & Android Developer** during January to April 2024 (10Weeks) organised by **AICTE and EDU Skill**.
- Total **52 members of 2020 Batch** students have successfully completed Internship in following domains **Electric Vehicle, Auto CAD, Solar PV Plant Design, Industrial Automation & Substation Design** during January to April 2024 (14Weeks) organised by **EDU SKILL DZIRE in collbration with AICTE**.
- Total **55 members of 2021 Batch** students have successfully completed Internship in following courses **Dynamic and Control, IOT Sensors and Devices & Introduction to the Internet of Things** during January to April 2024 organised by **Edx**.

#### **SWAYAM - NPTEL:**

- ✓ Total **27 members of 2021 Batch** students have successfully completed NPTEL course with **Elite – Silver** in following **Introduction to Internet of Things & Smart Grid: Basics to Advanced Technologies** during January to April 2024 (12Weeks) organised by **Swayam-NPTEL**.

S.No.	Name of Student	Course	%
1	Shaik Shashavali	IIOT	84
2	Vallepu Harsha Vardhan	IIOT	84
3	Uppari Suryavardhan	Smart Grid	84
4	D.Chakradhara Reddy	IIOT	82
5	Beeram Venkata Ramana	IIOT	82
6	K.Ushodhai Singh	IIOT	82
7	Palakaveeti Sunil Kumar	IIOT	81
8	Puli Anitha	IIOT	81
9	Palaji Pullaiah	IIOT	80
10	Uppari Suryavardhan	IIOT	80
11	Palakaveeti Sunil Kumar	Smart Grid	80
12	Palle Pedda Anjaneyulu	Smart Grid	80
13	Butchar Mohammed Avez	IIOT	79
14	Chepuri Yeswanth	IIOT	79
15	Palle Pedda Anjaneyulu	IIOT	79
16	Konka Harish	IIOT	78
17	B. Gari Chethan	IIOT	76
18	Chidige Dhana Lakshmi	Smart Grid	76
19	Kaalva Praveen	IIOT	76
20	Sareddy Chandra Kumar Reddy	IIOT	76
21	Butchar Mohammed Avez	Smart Grid	76
22	G Nandeesh	IIOT	75
23	Kudala Yashoda	IIOT	75
24	Yerranagula Sai Venkat	IIOT	75
25	K.Pavan Kalyan	IIOT	75
26	Sareddy Chandra Kumar Reddy	Smart Grid	75
27	Shaik Mohammed Gouse	Smart Grid	75

- ✓ Total **47 members of 2021 Batch** students have successfully completed NPTEL course with **Elite** in following courses **Introduction to Internet of Things & Smart Grid: Basics to Advanced Technologies** during January to April 2024 (12Weeks) organised by **Swayam-NPTEL**.
- ✓ Total **08 members of 2021 Batch** students have successfully completed NPTEL course in following courses **Introduction to Internet of Things & Smart Grid: Basics to Advanced Technologies** during January to April 2024 (12Weeks) organised by **Swayam-NPTEL**.