



G. PULLA REDDY ENGINEERING COLLEGE (AUTONOMOUS)

(Sponsored by G. Pulla Reddy Charities Trust, Hyderabad)

Nandyal Road, Kurnool - 518 007, Andhra Pradesh, India

Accredited by NAAC (A) | UGC & NBA of AICTE,

Affiliated to JNTUA, Anantapuramu.

NEWS LETTER



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JULY - DECEMBER
2024



Sri. P. Subba Reddy
Chairman



Sri. B. Sreenivasa Reddy
Principal



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Editorial Board

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On the occasion of the 78th Independence Day on **15th August 2024**, Dr. B. Sreenivasa Reddy, Principal of the college, hoisted the National Flag and addressed the faculty, staff, and students of the college.



GPREC celebrated Vinayaka Chavithi with a clay Ganesha idol competition by the Vivekananda Study Circle and the distribution of idols to staff at college and devotees at Vinayaka Ghat on **5th and 6th September 2024**.



GPREC proudly hosted the inauguration of '**JIGNASA 2K24**,' a premier technical symposium, on October **24-25, 2024**, fostering innovation and knowledge sharing."



Rhetoric-2K24 marks a milestone in the English Club's journey, providing a platform for participants to showcase their speaking skills. This three-level inter-college oration competition challenges them to convey ideas concisely and persuasively within a limited timeframe. The event unfolded in three stages: Prelims on **November 5, 2024**, Semifinals on **November 11, 2024**, and the Finale on November 13, 2024, where the top orators competed for the title. K. Sai Deedepya emerged as the winner, followed by N. Divya Sree as the first runner-up and K. Lakshmi Sreenija as the second runner-up.

DEPARTMENT OF CIVIL ENGINEERING

1. Events conducted/ organized:

1. The **GPREC IE (I) Student Chapter** of the **Civil Engineering Department** conducted a seminar on the topic **“Technical Quiz,”** presented by **Mr. Y. Narasimha (219X1A01B3),** a **VII semester A Section** student, on **5th September 2024** from **3:00 PM to 3:50 PM** in the **Computer Lab of CED Block-1, GPREC.** A total of **18 students,** divided into **6 batches (3 students per batch),** participated.
2. The **GPREC IE(I) Student Chapter** of the **Civil Engineering Department** conducted an event on the topic **“Poster Presentation Contest on Sustainable Development”** on **20th September 2024** from **3:00 PM to 3:30 PM** in **Lecture Hall CE-1, GPREC.** A total of **8 students** and **4 faculty members** participated.
3. The **GPREC IE(I) Student Chapter** of the **Civil Engineering Department** organized a **“Technical Treasure Hunt”** conducted by **VII and V semester students (9 members)** of the **IE(I) chapter** on **8th October 2024** from **3:00 PM onwards** in the **SM and FM Labs of CED Block-1 and Block-3, GPREC.** A total of **32 students,** divided into **16 batches (2 students per batch),** participated. **Four faculty members** acted as coordinators, and **two batches** were declared **winners and runners** based on their competition time.
4. The **GPREC IE(I) Student Chapter** of the **Civil Engineering Department** conducted a **“Video Presentation”** on topics such as **3D Printing Technology in Construction, Mega Structures, and Canal Diversion** on **16th October 2024** from **3:00 PM to 4:00 PM** in the **Computer Lab of CED, GPREC.** The presentation was given by **Mr. D. Arunath (219X1A0152)** and **Ms. M. R. Mounika (219X1A0123),** both **VII semester students.** A total of **33 students** and **5 faculty members** participated.
5. The **GPREC IE(I) Student Chapter** of the **Civil Engineering Department** conducted a seminar on the topic **“Knowledge Knockout (Image Quiz),”** presented by **Ms. K. Bhavana (229X1A0156), Ms. M. Bhavaneswari (229X1A0106),** and **Ms. T. Bhavana (229X1A0163),** all **V semester students,** on **18th October 2024** from **3:00 PM to 4:00 PM** in the **Computer Lab of CED Block-1, GPREC.** A total of **26 students,** divided into **10 batches (2 or 3 students per batch),** participated.
6. The **GPREC IE(I) Student Chapter** of the **Civil Engineering Department** conducted a technical event, **“Dumb Charades,”** on **30th October 2024** from **3:00 PM to 4:30 PM** in the **Computer Lab of CED Block-1, GPREC.** The event was conducted by **III semester students** of the **IE(I) chapter,** with **13 students** participating. **Two faculty members** acted as coordinators.
7. The **GPREC IE(I) Student Chapter** of the **Civil Engineering Department** conducted a non-technical event, **“Pictionary,”** on **1st November 2024** from **3:00 PM to 4:00 PM** in **CE-2 classroom of CED Block-1, GPREC.** The event was conducted by **III and V semester students** of the **IE(I) chapter.** A total of **14 students,** divided into **2 batches (boys and girls),** participated, with **2 faculty members** serving as coordinators.
8. The **GPREC IE(I) Student Chapter** of the **Civil Engineering Department** conducted a seminar on the topic **“Technical Quiz”** on **6th November 2024** from **3:00 PM to 4:30 PM** in the **Computer Lab of CED Block-1, GPREC.** The event was conducted by **III and V semester students.** A total of **16 students,** divided into **8 batches (2 students per batch),** participated, with **4 faculty members** present.
9. The **GPREC IE(I) Student Chapter** of the **Civil Engineering Department** conducted a seminar on the topic **“Civil Brilliance and Unlocking Engineering Marvels,”** a technical quiz event organized by **III and**

V semester students of the **IE(I) chapter**, on **8th November 2024** from **3:00 PM to 4:00 PM** in **CE-2, CED Block-1, GPREC**. A total of **16 students**, divided into **8 batches (2 students per batch)**, participated.

10. The **GPREC IE(I) Student Chapter** of the **Civil Engineering Department** conducted a “**Mega Structures Video Presentation**” on **20th December 2024** from **3:30 PM to 4:30 PM** in the **Computer Lab of CED Block-1, GPREC**. The presentation was given by **Mr. F. Mohammed Fairoz** (Roll No. 249X5A01C9). A total of **9 students** participated, with **2 faculty members** acting as coordinators.

11. The **GPREC IE(I) Student Chapter** of the **Civil Engineering Department** conducted a “**Technical Quiz**” on **28th December 2024** from **3:30 PM to 4:30 PM** in **CE-4 of CED Block-2, GPREC**. The event was presented by **Mr. F. Mohammed Fairoz** (Roll No. 249X5A01C9) and **Mr. K. Mohith Naik** (Roll No. 249X5A01A9). A total of **12 students**, divided into **6 batches (2 students per batch)**, participated.

2. Workshops /Conferences /seminars attended by faculty:

S. No	Name of the Faculty	Title of FDP	Held at	Period from to
1.	Dr.P Lakshmi Sruthi	Advanced Technologies and Innovations for Automation in Infrastructure Engineering	Chaitanya Bharathi Institute of Technology (Autonomous)	15-07-2024 to 20-07-2024
		Energy Recovery from Municipal Solid Waste using Bio-methanation process	Indian Institute of Technology Delhi	23-09-2024
		AI Tools in Action: Research Writing & Real-world solutions through Hands on learning	KG Reddy College of Engineering and Technology (Autonomous)	16-12-2024 to 21-12-2024
		Building Planning and Vaastu	Construction Management Training Institute	09-09-2024

		Outcome Based Education 2K24	G Pulla Reddy Engineering College (Autonomous)	29-07-2024 to 02-08-2024
		Swashakthi	G Pulla Reddy Engineering College (Autonomous)	06-12-2024 to 07-12-2024
2.	Dr. R. Sushmitha	Construction Project Management in Construction Materials towards achieving sustainability	Geethanjali College of Engineering and Technology	05-08-2024 to 09-08-2024
		Strategies to enhance Industry-Academica Linkages	Rasiklal m dhariwal sinhgad school of engineering, pune	23-09-2024 to 27-09-2024
		Outcome Based Education 2K24	Civil Engineering Department (GPREC- Autonomous)	29-07-2024 to 02-08-2024
		Digital Twinning of Underground Utilities	NIT, Warangal	16-12-2024 to 20- 12-2024
3.	Y. Yashwanth Kumar	Outcome Based Education 2K24	Civil Engineering Department (GPREC- Autonomous)	29-07-2024 to 02-08-2024
		Business Intelligence using Power BI	Skill Nation	13th to 14th July 2024

4.	P. Eswanth	Outcome Based Education 2K24	Civil Engineering Department (GPREC- Autonomous)	29-07-2024 to 02-08-2024
		Remote Pilot Certificate	Hyderabad, Telangana State.	23-09-2024 to 27-09-2024
5.	C. Balasai	AIML with MATLAB	ECS, collaboration with ECE Department. (GPREC – Autonomous)	02-12-2024 to 06-12-2024
		Swashakthi	G Pulla Reddy Engineering College (Autonomous)	06-12-2024 to 07-12-2024
6.	J. Sravani	AI for sustainable Development	VIIT Pune	05-08-2024 to 09-08-2024
7.	M. Hemanth Kumar	UHV – II	Sri Vasavi Engineering College, (Autonomous)	17-07-2024 to 24-07-2024
		Outcome Based Education 2K24	Civil Engineering Department (GPREC- Autonomous)	29-07-2024 to 02-08-2024

		Building and Planning using AUTOCAD	SKILL Dzire in collaboration with AICTE	01-09-2024 to 30-09-2024
		AIML with MATLAB	ECS, collaboration with ECE Department. (GPREC – Autonomous)	02-12-2024 to 06-12-2024
8.	N.G. Kalyani	Outcome Based Education 2K24	Civil Engineering Department (GPREC-Autonomous), Kurnool	29-07-2024 to 02-08-2024
		UHV	All India Council for Technical Education (AICTE)	05-08-2024 to 09-08-2024
		AI tools for research development	Hkbk degree college, Bengalore	15-11-2024
		AIML with MATLAB	ECS, collaboration with ECE Department. (GPREC – Autonomous)	02-12-2024 to 06-12-2024
		How to Grow Personally and Professionally	RBANMS first grade evening college, Karnataka	18-11-2024

9.	E. Ganesh	Frontiers in Sustainable And Resilient Practices In Civil Engineering	NIT, GOA	09-12-2024 to 14-12-2024
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3. Guest Lectures arranged:

1. A Guest Lecture on “**Audit Perspective in Project Management**” was delivered by **Mr. Varun Paerakam**, Manager, Risk Advisory, MNC, Hyderabad, on **30th October 2024** in **SG-2** for the **3rd and 4th-year students** of **GPREC**. The total number of participants included **about 150 students** and **8 faculty members**.
2. A Guest Lecture on “**Latest Technologies in Civil Engineering**” was conducted on **9th November 2024** in **SG-2** for the **3rd and 4th-year students** of **GPREC**. The event saw participation from **about 195 students** and **12 faculty members**.
3. A Guest Lecture on “**Internship Opportunities and Career Guidance**” was delivered by **Dr. M. Amaranatha Reddy**, Professor, Department of Civil Engineering, **IIT Kharagpur**, on **9th December 2024** in **SG-1** for the **4th-year students** of **GPREC**. The total number of participants included **about 63 students** and **5 faculty members**.

4. Papers Presented/Achievements:

Publications in International Journals			
S.No	Authors	Title of the Paper	Published in / Issue No / Vol.No/ Year/Month/ Pages
1	Dr. R. Sushmitha	Analysis of Transportation Infrastructure Facilities using Binary Logit Model	Oct-24
2	Dr. T. Sowjanya	Car Following and Lane Changing Behavior of Driver at Urban Mid-Block Sections for Heterogeneous Traffic Conditions	Oct-24
3	Dr. P. Lakhmi Sruthi	Effect of Different Exposure Conditions on Alkali Contaminated Kaolinitic Clays: A Micro Level Investigation	Oct-24
4	Dr. R. Sushmitha	Stopped Delays for Different Vehicle Types at Signalized Intersections in Mixed Traffic Conditions	Oct-24

5	Japthi Sravani	Analysis of Neural Networks for Predicting Mechanical Properties of Reinforced Concrete: A Comparative Study with Experimental Data	Oct-24
6	P Manoj Kumar	Integration of Artificial Neural Networks with Machine Learning for Predictive Modelling of Structural Health in Civil Engineering Concrete Bridges	Oct-24
7	Dr. R. Sushmitha	Analysis of Lateral Placement and Overtaking Behavior of Vehicles	Dec-24
8	Dr. R. Sushmitha	Influence of Traffic and Vehicular Characteristics on Lateral Shift of Vehicles under Varying Roadway and Geometric Conditions	Dec-24
Publications in International Conferences			
1	Dr. R. Sushmitha	A Study on Waste Plastic in Bitumen	Oct-2024
2	Japthi Sravani	Experimental Investigation on Recycled Concrete Aggregates with Bituminous Mixture	Nov-24
3	Japthi Sravani	Analysis and Design of G+6 Storey Building using STAAD Pro	Nov-24
4	Dr. R. Sushmitha	Effect of Moisture content on Lime Stabilized Soil using Light Weight Deflectometer	Dec-24
5	NG Kalyani	Application of Remote Sensing Methods in Agriculture	Dec-24
6	P Manoj Kumar	Study on Mechanical Properties of Metakaolin and M Sand Based Concrete	Dec-24
7	P Manoj Kumar	M 30 Grade Concrete's Strength Characteristics with a Partial Cement Replacement Using Dolomite and GGBS	Dec-24
8	Japthi Sravani	Strength Performance of Light Weight Concrete Containing Steel Fibers and Silica Fume	Dec-24
9	Japthi Sravani	Comparative Strength of M25 SCC Mix with Partial Replacement of Fine Aggregate by Copper Slag and Using Portland Slag Cement	Dec-24
10	Japthi Sravani	Experimental Study on Bricks by using Wood Ash and Sugarcane Bagasse Ash	Dec-24

5. New faculty Recruited:

S.No	Names of Faculty	Designation	Qualification	Photo
1	E Ganesh	Assistant Professor	M.Tech	

6. Workshops /Conferences /seminars attended by students:

S.No	Names(s) of Students	Workshop/Conference /Seminar attended	Held at	Period from - to
1	Mr.Syed Fazule E Moinuddin(219X1A01A8)	Paper Presentation	Sri Rajeswari Institute of Technology (SRIT), Proddutur, Kadapa Dist	18-10-2024
2	Mr.Fakkar Mohammed Fairoz(249X5A01C9)			
3	V. Seshadri (219X1A01B2)			
4	Y.Vardhan Bharadwaz (229X1A0144)			

7. One day Technical Visit:

Civil Engineering Department conducted a one day Technical visit on “GNSS Head Regulator” on 4th September 2024 to the VII semester ‘A’ section students. The total number of students participated were 58 and Faculty 3 No’s.

8. FDP/ Workshop Organized:

1. A **five-day FDP** on “**Outcome Based Education**” was conducted from **29th July 2024 to 2nd August 2024** in **Seminar Gallery-1**. **Dr. R. Sushmitha**, Assistant Professor of the Civil Engineering Department, and **Dr. E. Sanjeeva Rayudu**, Associate Professor of the Civil Engineering Department, served as the **Convenor** and

Co-convenor of the FDP, respectively. A total of **94 participants** from various departments attended the FDP. The sessions were delivered by **seven resource persons**, out of which **six were NBA evaluators**.

2. A **one-day Workshop** on “**Advanced Surveying Techniques**” was held on **24th October 2024** in the **CE-1 classroom** as part of **JIGNASA-2K24** for students visiting from other colleges and **GPREC**. Technical seminars on topics like **E-Survey CAD, Total Station Surveying, Differential Global Positioning System, and Drone Surveying** were presented by **Dr. E. Sanjeeva Rayudu** (Associate Professor), **Sri G. Nagesh Kumar** (Sr. Assistant Professor), **Dr. K. Tharani** (Assistant Professor), and **Sri P. Eswanth** (Assistant Professor) of the Civil Engineering Department, GPREC. A total of **26 students** and **4 faculty members** participated in the workshop.

9. Inter- Collegiate Paper Presentation :

Four students of the CE Department in two batches were participated in **Paper Presentation** contest held in **Sri Rajeswari Institute of Technology (SRIT), Proddatur**, and Kadapa Dist. as a part of **TECHNOHOLIX-2K24** on 18th October, 2024. One batch won the First Prize (Cash Rs.2000/-) in Paper Presentation by Mr. Syed Fazule E Moinuddin (219X1A01A8) of VII sem B Section and Mr. Fakkar Mohammed Fairoz (249X5A01C9) of III sem B Section.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

1. Events conducted/ organized:

Sl. No	Name of the Event	Dates
1.	Jignasa- “Paper Presentation, Poster Presentation, Technical Quiz, Extempore, Blind Coding contest”	24 th & 25th Oct2024
2.	Workshop on “Cyber Security” as a part of Jignasa 2024	24 October, 2024

2. Workshops /Conferences /seminars attended by faculty:

S.No	Names(s) of Faculties	Workshop/Conference /Seminar attended	Held at	Period from - to
1	Dr.T. Swathi	Swasakthi, Women Congress	GPREC, Kurnool	6 th -7 th December,20 24
2	Y. Supriya Reddy	Swasakthi, Women Congress	GPREC, Kurnool	6 th -7 th December,20 24
3	B. Swathi	Swasakthi, Women Congress	GPREC, Kurnool	6 th -7 th December,20 24
4	K. Gayathri	Swasakthi, Women Congress	GPREC, Kurnool	6 th -7 th December,20 24
5	P. Sunandha	Swasakthi, Women Congress	GPREC, Kurnool	6 th -7 th December,20 24
6	Dr.K. Kavitha	Swasakthi, Women Congress	GPREC, Kurnool	6 th -7 th December,20 24
7	Dr.C. Sreedhar	Harnessing AI for Healthcare Transformation –A Collaborative Indo-US Workshop	Indian Institute of Technology Hyderabad	16 December,20 24

3. Papers Presented/Achievements:

Publications in International Journals			
S.No	Authors	Paper Title	Published in / Issue No / Vol.No/ Year/Month/ Pages
1	D. Sowmya	“Prostate cancer classification using adaptive swarm Intelligence based deep attention neural network”	Journal of Biomedical Signal Processing and Control ISSN: 1746-8094
2	B. Santhosh Kumar P. Praveen Yadav M. Raghavendra Reddy	“An intelligent approach to detect and predict online fraud transaction using XGBoost algorithm”	Indonesian Journal of Electrical Engineering and Computer Science, Vol. 35, No. 3, September 2024, pp. 1491~1498
3	B. Santhosh Kumar P. Praveen Yadav M. Raghavendra Reddy	“Zebra based optimal deep learning for Parkinson’s disease detection using brain MRI images”	Multimedia Tools and Applications, Vol.83, Issue 39, PP: 1-32, https://doi.org/10.1007/s11042-024-20404-7

4. Publications in National/International Conferences:

S.No	Authors	Conference Name	Date
1	R.Sandeep Kumar	Springer LNNS Conference on Computer & Communication Technologies (IC3T 2024)) titles " A Hybrid Model for Cold Start Article Recommendations Leveraging Community Detection and Topic Analysis	October 2024
2	Dr.T.Swathi	ICCCMLA October 2024 titles "Mitigating VM Sprawl: Strategies Effective Resource Management in Cloud Environments"	October 2024
3	Y. Supriya Reddy	Tracking The Impact of PM Poshan on Child’s Nutritional Status in 15th International Conference on Computing Communication and Networking Technologies	November 2024

5. FDP’s Attended by the Faculty:

S.No	Name Of Faculty	Title Of FDP	No Of Days	Organized By
1	Dr.T Swathi	“GEN AI: Generative Adversarial Networks”	5 days	MRECW, Hyderabad
2	L.Sudha Rani	“GEN AI: Generative Adversarial Networks”	5 days	MRECW, Hyderabad

3	P.Srilakshmi	“GEN AI: Generative Adversarial Networks”	5 days	MRECW, Hyderabad
4	P. Sunandha	“GEN AI: Generative Adversarial Networks”	5 days	MRECW, Hyderabad
5	Y.Supriya	“GEN AI: Generative Adversarial Networks”	5 days	MRECW, Hyderabad
6	D.Sowmya	“GEN AI: Generative Adversarial Networks”	5 days	MRECW, Hyderabad
7	B. Swathi	“GEN AI: Generative Adversarial Networks”	5 days	MRECW, Hyderabad
8	C.Ratna Prabha	“GEN AI: Generative Adversarial Networks”	5 days	MRECW, Hyderabad
9	K. Sirisha	“GEN AI: Generative Adversarial Networks”	5 days	MRECW, Hyderabad
10	Dr.N. Kasiviswanath	"Outcome Based Education (OBE)"	5 days	CED, GPREC, Kurnool
11	Dr.C. Sreedhar	"Outcome Based Education (OBE)"	5 days	CED, GPREC, Kurnool
12	Dr.S. Zahoor Ul Huq	"Outcome Based Education (OBE)"	5 days	CED, GPREC, Kurnool
13	Dr.B. Geethavani	"Outcome Based Education (OBE)"	5 days	CED, GPREC, Kurnool
14	Dr.B. Santhosh Kumar	"Outcome Based Education (OBE)"	5 days	CED, GPREC, Kurnool
15	J. Swami Naik	"Outcome Based Education (OBE)"	5 days	CED, GPREC, Kurnool
16	Dr. Rajeshwarappa	"Outcome Based Education (OBE)"	5 days	CED, GPREC, Kurnool
17	K. Sudhakar	"Outcome Based Education (OBE)"	5 days	CED, GPREC, Kurnool
18	B. Dilip Kumar Reddy	"Outcome Based Education (OBE)"	5 days	CED, GPREC, Kurnool
19	D.L.N Prassuna	"Outcome Based Education (OBE)"	5 days	CED, GPREC, Kurnool
20	B. Swathi	Data Science Using R Programming	5 days	MGIT, Hyderabad
21	M. Shashidhar	Data Base Management System	8weeks	NPTEL

22	M. Dhanalakshmi	FDP on "Advances in Artificial Intelligence for computer vision and Medical image analysis Applications	10 days	NIT, Warangal
23	C. Ratna Prabha	Learning Analytics Tools	12 weeks	NPTEL
24	Dr.B. Santhosh Kumar	Google Cloud Computing Foundations	8 weeks	NPTEL
25	Y. Supriya Reddy	“Introduction to Machine Learning	12 weeks	NPTEL
26	V. Mallesi	“Introduction to Machine Learning	12 weeks	NPTEL
27	B. Swathi	“Cloud Computing	12 weeks	NPTEL
28	P. Rama Rao	Intellectual Property Rights and Competition Law	12 weeks	NPTEL
29	P. Rama Rao	Machine Learning and Deep Learning-Fundamentals and Applications	12 weeks	NPTEL
30	Dr.T Swathi	Artificial Intelligence and Machine Learning with MATLAB	5 days	GPREC, Kurnool
31	P. Srilakshmi	Artificial Intelligence and Machine Learning with MATLAB	5 days	GPREC, Kurnool
32	Y. Supriya Reddy	Artificial Intelligence and Machine Learning with MATLAB	5 days	GPREC, Kurnool
33	B. Swathi	Artificial Intelligence and Machine Learning with MATLAB	5 days	GPREC, Kurnool
34	K. Sirisha	Artificial Intelligence and Machine Learning with MATLAB	5 days	GPREC, Kurnool
35	M. Shashidhar	Artificial Intelligence and Machine Learning with MATLAB	5 days	GPREC, Kurnool

6. New Faculty Recruited:

S.No	Name of Faculty	Designation	Qualification	Photo
1	Dr.B. Geetha Vani	Professor	Ph.D	
2	Sri C.V. Chakradhar	Assistant Professor	M.Tech(Ph.D)	
3	Khadija Jabeen	Assistant Professor	M.Tech	
4	Vinay Kumar Matam	Assistant Professor	M.Tech(Ph.D)	
5	Dr.K. Kavitha	Associate Professor	Ph.D	

6	B. Mohan Krishna	Assistant Professor	M.Tech	
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7. Faculty Achievements:

- **Dr. N. Kasiviswanath, Professor & HOD of CSE Department**, has been conferred with the "**University Teacher Award-2024**" by JNTUA under the **Engineering category** across **A.P. Engineering Colleges** on **5th Sept 2024**.
- **Dr. B. Santhosh Kumar, Associate Professor of CSE Department, G Pulla Reddy Engineering College**, has published a **patent** on "**INNOVATIVE QUANTUM COMPUTING ARCHITECTURE FOR LARGE-SCALE MACHINE LEARNING APPLICATIONS IN BIG DATA ENVIRONMENTS**" with an application number **202441098121** on **20th December 2024**.
- **Dr. S. Zahoor Ul Huq, Professor of CSE**, has been honored with the **award for "Outstanding Faculty & Researcher"** by the **Artificial Intelligence Medical & Engineering Research Society**.
- **Sri. Y. Mahanandi and Smt. K. Sirisha, Assistant Professors of CSE Department**, were certified by **Wipro Technologies** as "**Wipro Certified Faculty**" in this academic year.
- **Dr. Rameswara Reddy K. V, Associate Professor of CSE Department**, has published a book titled "**Computer and Data Communications**" by **Sciro International Publishers** with **ISBN No. 978-93-341-0381-6** in the month of **August 2024**.

8. Students' Achievements:

- **K. SriThanvi** from the **2024 batch** secured a placement at **Wayfair Company** with a package of **25 LPA**.
- **K. Madeswar** and **N. Adarsh Kumar Reddy**, both from the **2024 batch**, were admitted to the **University of Saarland, Germany**.
- **K. Sai Sudha** from the **2023 batch** was awarded the "**Best Computer Science Engineering Student Award**" by **ISTE-AP Section, JNTUA**, for exceptional academic performance and securing the best placement in the **2023 batch** on **25th October 2024**.
- **Durga Prasad** from **IV CSE** won the **first prize (₹50,000)** in the "**Hackathon 2024**" organized by **APTPO's Consortium, CV CORP, and GPREC**.
- **Dileep** from **IV CSE** secured the **second prize (₹30,000)** in the "**Hackathon 2024**" organized by **APTPO's Consortium, CV CORP, and GPREC**.

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- **13 students** from **IV CSE** completed the **Digital Nurture Certification Program** and were placed at **CTS** with packages of **₹6.75 LPA** and **₹4.02 LPA**.
 - **51 students** from **IV CSE** were placed at **Accenture**.
 - **12 students** earned "**Cyber Security**" certifications (**7 Gold, 4 Silver, 1 Bronze**), **3 students** earned "**IoT**" certification (**Gold**), **17 students** earned "**AI**" certifications (**Gold**), and **11 students** earned "**Cloud Computing**" certifications (**10 Gold, 1 Silver**), offered by **Wipro Technologies**.
 - **N. Lakshmi Priya** and **B. Akshaya** from **III CSE** secured the **first prize** in "**Paper Presentation**" at the **National Level Technical Fest, JIGNASA 2024**.
 - **H. Sai Srinivas** and **J. Subash** from **III CSE** secured the **first prize** in "**Poster Presentation**" at the **National Level Technical Fest, JIGNASA 2024**.
 - **P. Lahari Reddy** and **G. Lakshmi Priya** from **III CSE** secured the **first prize** in "**Technical Quiz**" at the **National Level Technical Fest, JIGNASA 2024**.
 - **B. Meghana** from **II CSE** secured the **second prize** in "**Extempore**" at the **National Level Technical Fest, JIGNASA 2024**.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

1. Activities in the Department

S No	Name of the Event	Held on
1.	A One-week National level FDP on “Advanced Analog and Digital IC design flow using CADENCE EDA Tools” sponsored by GPREC	03 rd -07 th Decmeber, 2024
2.	IEEE GPREC Sensors Council, Department of ECE has organized One Day Hands-on workshop on “MACHINELEARNING WITH MATLAB”.	02 nd November 2024.
3.	A Two-Week Training on Design Challenges in Microstrip Patch Antennas for Next Generation 5G/6G Wireless Communication	28 th October to 4 th November 2024
4.	A One Day Workshop on High Performance Computing	24 th October 2024
5.	Exploring Verilog and FPGA for Digital Design	3 rd to 5 th October 2024
6.	One day Hands-on Workshop on Navigation, Guidance and Control of UAVs by Dr. Adharsh Kodhanda, Founder & CEO of Aigen Labs Pvt. Ltd, Hyderabad.	18 th September 2024

2. Faculty Achievements

Publications in SCI Journals

1. Dr. K Suresh Reddy, Professor, has published a SCI paper on Noise Aware Fully Integrated Low Power and Low INRUSH Current Fast Transient Response LDO in International Journal of Maritime Engineering, Current Trends in Research and Innovation, Vol. 1, Issue 2, pages 41-50, 2024 DOI: 10.5750/ijme.vlil.1336.

Awards/Recognitions:

1. Dr. P.C. Praveen kumar, Assistant Professor of ECE department secured Best Paper award for presenting the paper titled “Design and simulation of U-shaped slot variable RMSA antenna with different substrates for Health monitoring system” at the International Conference on Advanced Materials, manufacturing and sustainable development (ICAMMSD-2024) organized by department of Mechanical Engineering, at G. Pulla Reddy Engineering College (Autonomous), Kurnool during 22nd-23rd November, 2024.

Resource Persons/ Guest Lectures/ FDPs/Workshops/ Seminars Organized by the Department:

1. Dr. L Lakshmi Prasanna Kumar, Assistant Professor, has presented a Guest Lecture on 5G & 6G wireless Communication on 29th October 2024, organized by department of ECE at Sanskruthi School of Engineering, Puttparthi.
2. Dr. S M ShamsheerDaula, Associate Professor, has been the Resource Person for the ATAL FDP on AI Integrated Green Wireless Communication and Sensor Technologies, on 25th September 2024, organized by department of ECE at PVKK institute of Technology Anantapuramu.
3. Dr G Amjad Khan, Associate Professor, has presented a Guest Lecture on PCB Design and Applications on 25th September 2024, organized by department of ECE at PVKK institute of Technology Anantapuramu.
4. Dr G.Amjad khan, Associate Professor of ECE department has mentored the team Creative Tanks in “AI summit Hackathon-2024” organized by the Department of Computational Intelligence, School of computing, SRM institute of Science & Technology, Chennai during 18th & 19th September, 2024.

Books Authored

- 1 Dr.J.S.T. Thilagam, Dr.D.R. Srinivas, Dr.L. Lakshmi Prasanna Kumar authored book titled “Microwave and Optical Communications- Practical lab manual” published by Golden Green publishers, India in August 2024.

3. New faculty Recruited:

S.No	Names of Faculty	Designation	Qualification	Photo
1	Sri P. Anil Kumar	Assistant Professor	M.Tech	

4. Students' Achievements

- N. Sreenija Reddy (Roll No-199X1A0491) of 2019-2023 ECE batch secured admission in Joint M.Tech/MCP programme (Vision & Intelligent systems) at IIT, Kharagpur in the month of July 2024.
- G. Mythereya (Roll No-199X1A0454) of 2019-2023 ECE batch secured admission in M.Tech programme (SPCOM) at IIT, Kanpur in the month of July 2024.

- K. Sreekanth (Roll No- 209X1A04J4) of 2020-2024 batch secured admission in M.Tech programme (VLSI Design) at NIT, Kurukshetra in the month of August 2024.
- C. Elia (Roll No- 209X1A0435) of 2020-2024 batch secured admission in M.Tech programme (Next Generation Communication and Networks) at NIT, Durgapur in the month of August 2024.
- O. Harshavardhan Reddy (Roll No- 209X1A0453) of 2020-2024 batch secured admission in M.Tech programme (VLSI & Embedded systems) at NIT, Surat in the month of August 2024.
- N.Sai Madhan (Roll No-209X1A0452) of 2020-2024 batch secured admission in M.Tech programme (Microelectronics & VLSI systems) at IIITDM, Kancheepuram in the month of August 2024.
- S.Jagadeeswar (Roll No-229X1A04H5), Sadhu Akash (Roll No-239X5A04M3) and J.Lingavardhan Reddy(Roll No- 229X1A04G2) of V sem ECE branch are working on the Real time industry project titled “Digital Screen” at Quality Technologies Pvt Ltd (QTPL), Hyderabad, allocated under the PALS.

5. IEEE Events

- **IEEE MTT Society conducted 17 events from September 2024 to December 2024**
- **IEEE Sensors’ Council Conducted 10 events July 2024 to December 2024**
- **IEEE COMSOC Society Conducted 15 events August 2024 to December 2024**
- **IEEE IT- Society Conducted 11 events August 2024 to December 2024**

Photo Gallery



Hands on session on Navigation, Guidance, and Control of UAVs on 18th Sept,2024 Conducted by IEEE Sensors Council



**ANSYS HFSS MILLIMETER AND TERAHERTZ ANTENNA DESIGN EXHIBITION on 11th Nov 2024,
Conducted by**

IEEE Microwave Theory and Techniques Society (SBC-15721H)



**A Two-Week training on Design Challenges in Micro-strip PatchAntennas for Next Generation 5G/6G Wireless
Communications on 28th Oct 2024 to 9th Nov 2024**

DEPARTMENT OF EMERGING TECHNOLOGIES IN COMPUTER SCIENCE

1. Events conducted/ organized:

- Dr. A. VishnuVardhanReddy, Associate Professor, Dr.K. Ashfaq Ahmed &Smt.O. RoopaDevi, Assistant Professors, Department of ECS, G. PullaReddy Engineering College (Autonomous): Kurnool has organized a five-day Faculty Development Program on “The Future of Computing: Emerging Technologies and Trends” organized by G.Pulla Reddy Engineering College from 08th to 12th July 2024.
- Department of ECS has conducted a guest lecture for 2nd year CSM students on the topic “Navigating the AI & ML” by the resource person Smt.Sirisha Bachu on august 17th 2024.
- Department of ECS has conducted a guest lecture for 2nd year CSM, CSD, CSB students on the topic “Explore the future of AI and build your own Generative AI Model”, by the resource person Abhunav Deva guptapu (NxtWave) on 24th august 2024.
- Department of ECS has conducted a guest lecture for 2nd year CSM, CSD, CSB students on the topic “PALS – IBS”, by the resource person Ms.Saptha Surendran, Mr Prameswaran Selvan on 31st august 2024.
- Department of ECS has conducted a guest lecture for 2nd year CSB students on the topic “Case studies navigating through Marketing”, by the resource person Smt.SrijaGolla on September 14th 2024.
- Department of ECS has conducted a guest lecture for 2nd year CSM students on the topic “A semi supervised approach for semantic segmentation of aerial remote sensing images under limited ground truth availability”, by the resource person Anisha Chakravorty on 5th October 2024.
- Department of ECS has conducted a guest lecture for 2nd year CSM students on the topic “Emerging Technologies”, by the resource person Vinnakota Saran Chaitanya on 19th October 2024.
- Department of ECS has conducted a guest lecture for 2nd year CSM, CSB students on the topic “Data Warehousing: Its”, by the resource person Siva Shankar Reddy on 2nd November 2024.
- Department of Emerging Technologies in Computer Science is organized One week International Level Workshop (Virtual Mode) on “Mastering Goal Setting: A Scientific Approach to Achieving Success” during 4th November to 9th November 2024. Convener: Dr. Abid Nayeemuddin, Co-Conveners: Sri P. Praneel Kumar and Sri B. Sreedhar
- Department of Emerging Technologies in Computer Science is organized One Week Faculty Development Program (FDP) in OFFLINE Mode on “Artificial Intelligence & Machine Learning with MATLAB” during 2nd December to 6th December 2024.Convener: Dr. Abid Nayeemuddin, Co-Conveners: Sri P. Praneel Kumar and Sri B. Sreedhar.

List of CAA activities conducted during AY 2024-25 Odd Semester (Oct 2024-Dec 2024)

S.No.	Date	CAA Activity Name	Event Name
1	11-11-2024	IEI	Robo war
2	08-11-2024		From pioneers to places a history quiz
3	04-11-2024		Logic lock down
4	01-11-2024		Inter active session on AI
5	28-10-2024		Seminar on data science
6	21-10-2024		Break the query
7	18-10-2024		Code war
8	14-10-2024		Seminar on AI
9	04-10-2024		Technologies on generative AI
10	03-10-2024	IEEE	Tech Puzzles
11	05-10-2024		Guest Lecture: A novel semi supervised approach for semantic segmentation of aerial remote sensing images under limited ground truth availability
12	15-10-2024		JAM
13	17-10-2024		Code Crush challenge
14	22-10-2024		Debugging Delights
15	24-10-2024		Blind Coding Challenge (Collaboration with IEEECS)
16	29-10-2024		Circuit Breakers
17	05-11-2024		Future gen Crypto Talks
18	07-11-2024		Knapsack Challenge
19	12-11-2024		ElevateX
20	14-11-2024		Origami
21	04.10.2024	CSI	JAM
22	09.10.2024		Debugging Challenge
23	16.10.2024		Designs for Development
24	23.10.2024		Top Hands-Lets test your typing skills
25	30.10.2024		Decoding I
26	06.11.2024		Technical Quiz
27	13.11.2024		R&J Case Study
28	01-10-2024	ISTE	Tech-Charades
29	08-10-2024		Tech-Debate
30	18-10-2024		Tech-Talk
31	08-11-2024		Tech-Buzz
32	12-11-2024		Tech-Expo

- JIGNASA 2024 started with a spectacular inaugural address by Dr. B. Eswar Reddy, Secretary, ISTE, AP Section. He captivated the students with his insightful, powerful, and inspiring words. As a part of the fest, CSE and ECS Departments conducted various events. A variety of technical events like Paper Presentation, Technical Quiz, Extempore, Blind Coding Challenge, Poster Presentation, and a Workshop on Cyber Security were organized at various venues in CSE and ECS Departments.

- Students from various engineering colleges (as shown below) took part in the JIGNASA 2k24 events hosted by the CSE and ECS departments at the GPREC campus
 - Srinavasa Ramanujan Institute of Technology, Anantapuramu
 - St. Johns College of Engineering & Technology, Yemmiganur
 - Annamacharya Institute of Technology & Sciences, Rajampet
 - CVR College of Engineering, Hyderabad
 - Mahatma Gandhi Institute of Technology, Hyderabad.
 - Rayalaseema University College of Engineering, Kurnool
 - Siddhartha Institute of Engineering College and Technology, Puttur
 - Sciece Institute of Technology, Hyderabad etc.

Event	Prize	Amount
Paper presentation	First prize	5000/- per team
	Second prize	3000/- per team
	Third prize	2000/- per team
Poster presentation	First prize	3000/- per team
	Second prize	2000/- per team
Extempore	First prize	1000/- per person
Blind Coding	First prize	1000/- per person
Technical Quiz	First prize	1000/-per person

2. Workshops /Conferences /seminars attended by faculty:

S.No	Names(s) of Faculties	Workshop/Conference /Seminar attended	Held at	Period from - to
1	Dr. R. Praveen Sam	9 th international conference on computing sciences (ICCS-2024)	Lovely Professional University	22 oct-2024
2	Smt. K. AshaRani	Women Congress (offline)	Women's Cell and IEEE STB 15721 of GPREC	6th and 7th of December 2024
3	Smt. B. Varalakshmi	WOMEN IN DIGITAL BUSINESS (offline)	G. Pulla Reddy Engineering College (Autonomous)	September 21st-25 th 2024
		Women Congress (offline)	Women's Cell and IEEE STB 15721 of GPREC	6th and 7th of December 2024
4	Smt. T. Chandana	WOMEN IN DIGITAL BUSINESS (offline)	G. Pulla Reddy Engineering College (Autonomous)	September 21st-25 th 2024

5	Dr. S. Shabana Begum	WOMEN IN DIGITAL BUSINESS (offline)	G. Pulla Reddy Engineering College (Autonomous)	September 21st-25 th 2024
		Women Congress (offline)	Women Congress (offline)	6 th and 7 th of December 2024
6	M. Manasa	Women Congress (offline)	Women's Cell and IEEE STB 15721 of GPREC	6 th and 7 th of December 2024
7	Smt. B. Kiranmayee	Women Congress (offline)	Women's Cell and IEEE STB 15721 of GPREC	6 th and 7 th of December 2024
8	Sri. B. Sreedhar	From Scratch to Deployment: Hands-on Model Building with keras and Tensor Flow	Sri Venkateswara College of Engineering	14 th to 25 th October 2024

3. Papers Presented/Achievements:

Publications in International Journals

S.No	Authors	Paper Title	Published in / Issue No / Vol.No/ Year/Month/ Pages
1	Dr.R.Praveen Sam	IDS Range of Attack in WSN and Prevention Using PSO Fitness Measures	Scopus, Volume, Issue:12(4), PP:618–623, ISSN: 2147-67992
2	Dr.A.Vishnuvardhan Reddy	SMS2DC: Synchronous mobile sinks scheduling for data collection in internet of things-enabled wireless sensor networks	Volume, Issue:e2267, Online ISSN:1099-1190 Print ISSN:1055-7148
3	Sri. B. Sreedhar Boya	Predictive Modelling of Cancer in Multi factorial Diseases Using Enhanced Cancer-Onset Algorithm	ISSN NO – 2676- 7104 , Vol 13, Issue 3

4. Conferences Attended:

Publications in National/International Conferences

S.No	Authors	Conference Name	Date
1	Sri.S.Md. Nadeem	Ethereum Block chain-Based Design and Implementation of Electronic Records for Home Care	SRM University, Chennai in the month of May 2024
2	B. Sreedhar	Intelligent Resources Allocation for Edge-IoT: Enhancing QoE with Deep Reinforcement Learning	Surya Engineering College, Tamil Nadu/India

5. FDP's Attended by the Faculty:

S. No	Name Of Faculty	Title Of FDP	No Of Days	Organized By
1	Dr. R. Praveen Sam	Deep Learning for Engineering Applications	7 days	NITTTR, Chandigarh
		Outcome Based Education for Program Accreditation	5 days	NITTTR, Chandigarh
		Recent technological innovations in computer science and engineering	10 days	Chaitanya Bharathi Institute of Technology, Hyderabad.
		Outcome Based Education	5 days	G.Pulla Reddy Engineering College (Autonomous):Kurnool
2	Dr. K. Govardhan Reddy	Cyber Security Essentials and Digital Forensics	7 days	SRIT
		Revolutionizing Learning Hands on Generative AI and LLMS	5 days	SVR Engineering College
		Outcome Based Education	5 days	G.Pulla Reddy Engineering College (Autonomous):Kurnool
3	Dr.Y. Rama Mohan	Deep Learning for Engineering Applications	7 days	NITTTR, Chandigarh
		Outcome Based Education	5 days	G.Pulla Reddy Engineering College (Autonomous):Kurnool
4	Dr.A.Vishnuvardhan Reddy	Deep Learning for Engineering Applications	7 days	NITTTR, Chandigarh
		Outcome Based Education	5 days	G.Pulla Reddy Engineering College (Autonomous):Kurnool
5	Sri. M. Mahesh Kumar	Deep Learning for Engineering Applications	7 days	NITTTR, Chandigarh
6	Sri. K. Srikanth	Gen-AI and Prompt Engineering Using Microsoft Co-Pilot	7 days	Organized by BNMIT-Karnataka
		Cyber Security Essentials and Digital Forensics	7 days	SRIT
		Outcome Based Education	5 days	G. Pulla Reddy Engineering College (Autonomous):Kurnool
7	Smt. K. Asha Rani	Learning Analytics Tools	12 weeks	NPTEL ONLINE CERTIFICATION
8	Sri. S. Vinay Kumar	Introduction to Machine Learning	12 weeks	NPTEL ONLINE CERTIFICATION
		Cyber Security Essentials and Digital Forensics	7 days	SRIT
		Outcome Based Education	5 days	G. Pulla Reddy Engineering College (Autonomous):Kurnool

9	Sri.V. Suresh	Gen-AI and Prompt Engineering Using Microsoft Co-Pilot	7 days	Organized by BNMIT-Karnataka
		invigilated IT skills course tests		GPREC
		Outcome Based Education	5 days	G. Pulla Reddy Engineering College (Autonomous):Kurnool
10	Smt. O. Roopa	Machine Learning and Deep Learning-Fundamentals and Applications	12 weeks	NPTEL ONLINE CERTIFICATION
		Intellectual Property Rights and Competition Law	8 week	NPTEL ONLINE CERTIFICATION
		Introduction to Machine Learning	12 weeks	NPTEL ONLINE CERTIFICATION
11	Smt. Sri. G. Alekhya	Learning Analytics Tools	12 week	NPTEL ONLINE CERTIFICATION
12	Smt. B. Varalakshmi	Machine Learning	30 days	SkillDzire in collaboration with AICTE
		Gen AI: Generative Adversarial Networks	5 days	Malla Reddy Engineering College for Women (Autonomous): Hyderabad
		Cyber Security Essentials and Digital Forensics	7 days	SRIT
13	Dr.S.Shabana	Outcome Based Education	5 days	G.Pulla Reddy Engineering College (Autonomous):Kurnool
14	Sri.M.Mahesh Kumar	Universal Human Values-II	7 days	Sri Vasavi Engineering College(Autonomous):Pedatade palli,Tadepalligudem,West Godavari
15	Smt. M. Manasa	Learning Analytics Tools	12 week	NPTEL ONLINE CERTIFICATION
16	Smt. D. Sai Brunda	Machine Learning	30 days	SkillDzire in collaboration with AICTE
17	Sri. P. Praneel Kumar	Machine Learning	30 days	SkillDzire in collaboration with AICTE
		Outcome Based Education	5 days	G.Pulla Reddy Engineering College (Autonomous):Kurnool
18	Sri. M. Sreedhar	Gen-AI and Prompt Engineering Using Microsoft Co-Pilot	7 days	Organized by BNMIT-Karnataka
		Cyber Security Essentials and Digital Forensics	7 days	SRIT

6. New Faculty Recruited:

S.No	Name of Faculty	Designation	Qualification	Photo
1	U U.VEERENDRA	Assistant Professor	M.Tech (Ph.D.)	
2	G SHASHIDHAR YADAV	Assistant Professor	M.Tech	
3	MD FAYAZ	Assistant Professor	M.Tech	

7. Faculty Achievements:

- Dr. R. Praveen Sam, Professor & HOD of ECS department, has received the **Certificate of “Excellence in Peer-Reviewing”** “in recognition of an outstanding contribution to the quality of the book **on 05.10.2024**.
- Dr. R. Praveen Sam, Professor & HOD of ECS department, has received the **Certificate of “Excellence in Peer-Reviewing”** “in recognition of an outstanding contribution to the quality of the book **on 18.10.2024**.
- Dr. K. Govardhan Reddy, Professor of ECS department, G. Pulla Reddy Engineering College (Autonomous), Kurnool has completed Infosys Spring Board certification on **“Python Foundation”** on 28/12/2024.
- Dr. A.Vishnuvardhan Reddy, Associate Professor of ECS department, G. Pulla Reddy Engineering College (Autonomous), Kurnool has completed a four week course “Python for Data Science” Organized by NPTEL ONLINE CERTIFICATION from Jul-Aug 2024.
- Sri. K. Srikanth, Associate Professor of ECS department, G. Pulla Reddy Engineering College (Autonomous), Kurnool has completed a four-week course “Python for Data Science” Organized by NPTEL ONLINE CERTIFICATION from Jul-Aug 2024.

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- Sri. K. Srikanth, Associate Professor of ECS department, G. Pulla Reddy Engineering College (Autonomous), Kurnool has completed a eight week course “Introduction to Machine Learning” Organized by NPTEL ONLINE CERTIFICATION from Jul-Sep 2024.
 - Sri. K. Srikanth, Associate Professor of ECS department, G. Pulla Reddy Engineering College (Autonomous), Kurnool has completed Infosys Spring Board certification on “**Applied Generative AI Certification**” Organized by Infosys Springboard on Dec 4, 2024.
 - Sri. K. Srikanth, Associate Professor of ECS department, G. Pulla Reddy Engineering College (Autonomous), Kurnool has completed Infosys Spring Board certification on “**Principles of Generative AI Certification**” Organized by Infosys Springboard on Dec 4, 2024.
 - Smt. K. Asha Rani, Assistant Professor of ECS department, G. Pulla Reddy Engineering College (Autonomous), Kurnool has completed a 12 week course “**Learning Analytics Tools**” Organized by NPTEL ONLINE CERTIFICATION from July- October 2024.
 - Smt. K. Asha Rani, Assistant Professor of ECS department, G. Pulla Reddy Engineering College (Autonomous), Kurnool has completed a 12 week course “**Learning Analytics Tools**” Organized by NPTEL ONLINE CERTIFICATION from July- October 2024.
 - Sri. M. Nayeemuddin , Associate Professor of ECS department, G. Pulla Reddy Engineering College (Autonomous), Kurnool has completed a eight week course “Introduction to Machine Learning” Organized by NPTEL ONLINE CERTIFICATION from Jul-Sep 2024.
 - Sri. M. Nayeemuddin , Associate Professor of ECS department, G. Pulla Reddy Engineering College (Autonomous), Kurnool has received “Remote Pilot Certificate” on 01/10/2024
 - Sri. S. Vinay Kumar, Assistant Professor of ECS department, G. Pulla Reddy Engineering College (Autonomous), Kurnool has “Received Appreciation letter from IIT, BOMBAY” Organized by GPREC on 2023- 2024.
 - Sri. S. Vinay Kumar, Assistant Professor of ECS department, G. Pulla Reddy Engineering College (Autonomous), Kurnool has completed a 12 weeks course “**Introduction to Machine Learning**” Organized by NPTEL ONLINE CERTIFICATION from July- October 2024.
 - Sri. V. Suresh, Assistant Professor of ECS department, G. Pulla Reddy Engineering College (Autonomous), Kurnool has completed a four weeks course “Python for Data Science” Organized by NPTEL ONLINE CERTIFICATION from Jul-Aug 2024.
 - Sri. V. Suresh, Assistant Professor of ECS department, G. Pulla Reddy Engineering College (Autonomous), Kurnool has successfully “invigilated IT skills course tests” Organized at GPREC from 2023-2024.
 - Smt. O. Roopa, Assistant Professor of ECS department, G. Pulla Reddy Engineering College (Autonomous), Kurnool has completed a 12 weeks course “**Machine Learning and Deep Learning-Fundamentals and Applications**” Organized by NPTEL ONLINE CERTIFICATION from July- October 2024.

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- Smt. O. Roopa Devi, Assistant Professor of ECS department, G. Pulla Reddy Engineering College (Autonomous), Kurnool has completed a 12 weeks course “**Introduction to Machine Learning**” Organized by NPTEL ONLINE CERTIFICATION from July- October 2024.
 - Smt. O. Roopa Devi, Assistant Professor of ECS department, G. Pulla Reddy Engineering College (Autonomous), Kurnool has completed a 8 week course “**Intellectual Property Rights and Competition Law**” Organized by NPTEL ONLINE CERTIFICATION from August- October 2024
 - Smt. O. Roopa Devi, Assistant Professor of ECS department, G. Pulla Reddy Engineering College (Autonomous), Kurnool has completed a 12 weeks course “**Learning Analytics Tools**” Organized by NPTEL ONLINE CERTIFICATION from July- October 2024.
 - Smt. O. Roopa Devi, Assistant Professor of ECS department, G. Pulla Reddy Engineering College (Autonomous), Kurnool has recognized as “**NPTEL BELIEVER**” NPTEL ONLINE CERTIFICATION from Jul-Dec 2024.
 - Smt. Sri. G. Alekhya, Assistant Professor of ECS department, G. Pulla Reddy Engineering College (Autonomous), Kurnool has completed a 12 weeks course “**Learning Analytics Tools**” Organized by NPTEL ONLINE CERTIFICATION from July- October 2024.
 - Smt. B. Varalakshmi, Assistant Professor of ECS department, G. Pulla Reddy Engineering College (Autonomous), Kurnool has completed a eight week course “Introduction to Machine Learning” Organized by NPTEL ONLINE CERTIFICATION from Jul-Sep 2024.
 - Smt. M. Manasa, Assistant Professor of ECS department, G. Pulla Reddy Engineering College (Autonomous), Kurnool has completed a 12 weeks course “**Learning Analytics Tools**” Organized by NPTEL ONLINE CERTIFICATION from July- October 2024
 - Sri. Y. Shiva Kumar, Assistant Professor of ECS department, G. Pulla Reddy Engineering College (Autonomous), Kurnool has completed a four weeks course “Python for Data Science” Organized by NPTEL ONLINE CERTIFICATION from Jul-Aug 2024.
 - Dr. S. Shabana, Assistant Professor of ECS department, G. Pulla Reddy Engineering College (Autonomous), Kurnool has completed a eight week course “Introduction to Machine Learning” Organized by NPTEL ONLINE CERTIFICATION from Jul-Sep 2024.
 - Sri. B. Kiranmayee, Assistant Professor of ECS department, G. Pulla Reddy Engineering College (Autonomous), Kurnool has completed a four weeks course “Python for Data Science” Organized by NPTEL ONLINE CERTIFICATION from Jul-Aug 2024.
 - Sri. V. Jemima Jyothi, Assistant Professor of ECS department, G. Pulla Reddy Engineering College (Autonomous), Kurnool has completed a four weeks course “Python for Data Science” Organized by NPTEL ONLINE CERTIFICATION from Jul-Aug 2024.
 - Sri. O. Sirisha, Assistant Professor of ECS department, G. Pulla Reddy Engineering College (Autonomous), Kurnool has completed a four weeks course “Python for Data Science” Organized by NPTEL ONLINE CERTIFICATION from Jul-Aug 2024.

- Sri. G. Alekhya, Assistant Professor of ECS department, G. Pulla Reddy Engineering College (Autonomous), Kurnool has completed a four weeks course “Python for Data Science” Organized by NPTEL ONLINE CERTIFICATION from Jul-Aug 2024.
- Sri. B. Sreedhar, Assistant Professor of ECS department, G. Pulla Reddy Engineering College (Autonomous), Kurnool has completed the Python Foundation Certification organized by Infosys springboard on September 2th, 2024.
- Sri. M. Sreedhar, Assistant Professor of ECS department, G. Pulla Reddy Engineering College (Autonomous), Kurnool has completed a four weeks course “Python for Data Science” Organized by NPTEL ONLINE CERTIFICATION from Jul-Aug 2024.
- Sri. M. Sreedhar, Assistant Professor of ECS department, G. Pulla Reddy Engineering College (Autonomous), Kurnool has completed CSD & CSM Project Batch_23 titled "Hand Gestures using Open CV" presented a paper in National Conference on Recent Trends in Engineering and Technology, Management and Sciences (NCRTEMS-2024)” at Narasimha Reddy Engineering College, Hyderabad.
- K. Srikanth, Associate professor, ECS Department “A Comprehensive Examination and Evaluation of Machine Learning Algorithms Applied to a Breast Cancer Data set utilizing the WEKA Software tool” Publisher B.P. International ISBN/ISSN ISBN NO-978-93-48388-06, November 2024.

8. Students' Achievements:

- M. Pavitra, of VI Sem, CSE- AIML, G. Pulla Reddy Engineering College (Autonomous): Kurnool was awarded with National Level Gouthami Nandi Award as Best Student under Education Category in Tyagaraja Gana Sabha, Hyderabad on 28-07-2024.
- J. Arun Kumar 239x1a3347, has participated in UMANG 2k24 organised by IEEE Hyderabad section student's activities committee in association with Ananthapuram sub-section at GPREC, Kurnool.
- Chandu Geethanjali has attended webinar on Mastering Data Science: A journey from fresher to Gen AI Expert conducted by innomatics research labs on 5th October, 2024.
- C. Venu Gopal has participated in international workshop on “mastering goal setting: specific approach for achieving success” from November 4th to 9th 2024 organised by department of ECS, GPREC, KURNOOL.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

1. Workshops /Conferences /seminars /FDP's attended by faculty:

S.No	Names of Faculties	Workshop/Conference /Seminar /FDP's attended	Held at	Period from to
1	Dr. K. Sri Gowri Dr. M. Siva Satya Narayana, Dr. N. Ravi Shankar Reddy, Dr. V. Anantha Lakshmi, Dr. G. Sateesh , Dr. C. Harinath Reddy	A Five -Day Faculty Development Program on Outcome Based Education.	GPREC, Kurnool.	29 th July to 2 nd Aug2024
2	Dr. G. Sateesh	FDP on Smart System Integration with Wireless Sensors	NITTR, Chandigarh	5 th Aug to 9 th Aug 2024
3	Dr. G. Sreenivasa Reddy	Online FDP on Advanced Power Electronics and Intelligent Optimization Techniques for Electric Vehicles.	Avanthi Institute of Engineering & Technology.	25 th October to 29 th Oct 2024
4	Smt. B. Rajeswari	Introduction to Machine Learning	AICTE - NPTEL, IIT Madras	Jul - Oct 2024
5	Sri. B. Amarnath Naidu	Online Workshop on AI/ML based Controllers Design and their Applications in Real-time Platform (AMCDARP-2024)	National Institute of Technology, Rourkela,	28 th Sep to 22 th Oct 2024
6	Sri A. Vijay Kumar Reddy	FDP on “Advance tools and techniques for research methodology	Research Foundation of India in association with BPIT, New Delhi.	1 st to 12 th October 2024
7	Sri. Shaik Masum Basha	FDP on Engineering Tomorrows Cars : Mastering Automative Architecture with Embedded Systems	Joginpally BR Engineering College in association with Ekalavya Projects, Hyderabad.	14 th to 19 th October 2024
8	Dr. V. Anantha Lakshmi	Two Day Women Congress on Swasakthi “Spark Your Spirit, Shine with Strength!”	Women’s Cell in association with IEEE GPREC SB.	6 th Dec - 7 th Dec 2024

9	Dr. S. Anil Kumar Smt. G. Haritha	FDP on Artificial Intelligence & Machine Learning with MATLAB	Dept. of ECS in association with Dept. of ECE, GPREC, Kurnool	2 nd Dec - 6 th Dec 2024
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2. Papers Presented/Achievements:

- Satheesh G, “Python based Machine learning algorithm application in Short-Term Load Forecasting for electrical power generating station”, International Conference on Sustainable Development: Generative AI and Multidisciplinary Strategies , Sri Padmavathi School of Pharmacy, Tirupati, during 22-23 December, 2024.
- Satheesh G, V. Ananta Lakshmi, “Short-Term Load Forecasting: Machine Learning for Power system application”, International Conference on Sustainable Development: Generative AI and Multidisciplinary Strategies, Sri Padmavathi School of Pharmacy, Tirupati, during 22-23 December, 2024.
- Satheesh G, V. Ananta Lakshmi, “Smart Home Controller for Elderly Care Using Raspberry Pi and Fatigue Detection with python programming”, International Conference on Sustainable Development: Generative AI and Multidisciplinary Strategies , Sri Padmavathi School of Pharmacy, Tirupati, during 22-23 December, 2024.

3. New faculty Recruited:

S.No	Names of Faculty	Designation	Qualification	Photo
1	<u>Sri. K. Jagadeesh</u>	Assistant Professor	M. Tech, (Ph.D.)	
2	Sri. P. Anjaneya Vara Prasad	Assistant Professor	M.Tech, (Ph.D.)	
3	Sri. D. Vannurappa	Assistant Professor	M. Tech, (Ph.D.)	
4	Sri. S. Masum Basha	Assistant Professor	M. Tech, (Ph.D.)	

4. Up gradation of Lab Equipment:

S.No	Names of Laboratory	Equipment Name	Cost
1	Electrical circuits Lab	HP Pro Tower 280 G9 desktop(8 Nos)	Rs3,24,912/-
2	Power Electronics Lab	6 KVA UPS board	Rs21,240/-
		Regulated voltage source(8 no's)	Rs24,000/-
		Gate driver circuit for MOSFET circuit(12 no's)	Rs1,20,000/-
		Current and voltage sensors(7 no's)	Rs70,000/-
3	Computer Lab	Consistent 8GB DDR3 desktop RAM(51 no's)	Rs35,700/-
4	Electrical Technology Lab	Earth resistance kit(2 no's)	Rs10974/-

5. Faculty Achievements:

1. A. Pradeep Kumar Yadav, Assistant Professor in EEE Department, G Pulla Reddy Engineering College has published a Book Chapter Entitled “Quantum Technologies in Electrical Engineering: Potential and Challenges” by SAN International Scientific Publications, August 2024, ISBN:978-81-979197-4-9.
2. Dr. V. Anantha Lakshmi, Associate Professor of EEE Department, G Pulla Reddy Engineering College has published a patent on “An Intelligent and Novel Smart Crop Protection System from Animals” with an Application Number 202441067563A on 13th September 2024.

DEPARTMENT OF MECHANICAL ENGINEERING

1. Events conducted/ organized:

1. Department of Mechanical Engineering, G Pulla Reddy Engineering College (Autonomous), Kurnool organized Yantragnan, a national level technical fest on 24th and 25th of October 2024 in the view of Ruby Jubilee Celebrations. A total of 32 Papers were presented and 18 posters were presented.
2. Department of Mechanical Engineering, G. Pulla Reddy Engineering College has organized IEEE Track's Workshop on Robotics, during 24th and 25th of October 2024. A total of 51 students attended.
3. Department of Mechanical Engineering, G. Pulla Reddy Engineering College has organized International Conference on Advanced Materials, Manufacturing and Sustainable Development (ICAMMSD – 2024) on 22nd & 23rd November 2024. A total of 116 Papers were presented.

2. Workshops /Conferences /seminars attended by faculty:

S.No	Name of Faculty	Workshop/Conference /Seminar attended	Held at	Period from - to
1.	M. Murali Mohan	A Five-Day FDP on “The Future of Computing: Emerging Technologies & Trends”	G. Pulla Reddy Engineering College, Kurnool	29 th July to 2 nd August 2024
2.	G. Shaik Shavali	A Five-Day FDP on “The Future of Computing: Emerging Technologies & Trends”	G. Pulla Reddy Engineering College, Kurnool	29 th July to 2 nd August 2024
3.	G. Praveen Kumar yadav	A Five-Day FDP on “The Future of Computing: Emerging Technologies & Trends”	G. Pulla Reddy Engineering College, Kurnool	29 th July to 2 nd August 2024
4.	Dr. R. Meenakshi Reddy	AICTE Training And Learning (ATAL) Academy Faculty Development Program on Electric Vehicle Technology.	P.V.K.K. Institute of Technology	26 th to 31 st August 2024
5.	Dr. E. Venugopal Goud	One Week Faculty Development Program on Robotics and Industrial Automation	CBIT, Hyderabad	4 th to 9 th Nov. 2024
6.	E. Siva Reddy	One Week Faculty Development Program on Robotics and Industrial Automation	CBIT, Hyderabad	4 th to 9 th Nov. 2024
7.	M. Murali Mohan	One Week AICTE Training and Learning (ATAL) Academy Faculty Development Program on Programmable Cities	Indian Institute of Information Technology Dharwad	9 th to 14 th December 2024

8.	G.Praveen Kumar yadav	One Week AICTE Training and Learning (ATAL) Academy Faculty Development Program on Programmable Cities	Indian Institute of Information Technology Dharwad	9 th to 14 th December 2024
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3. Papers Presented/Achievements:

Publications in International Journals			
S.No	Authors	Title of the Paper	Published in / Issue No / Vol.No/ Year/Month/ Pages
1	R. Meenakshi Reddy	Influence of Hybrid Nanoceramic Particles of mechanical properties through Taguchi approach	Surface Review and Letters. Volume 32, No. 01, 2450101 (2025)
2	G. Praveen Kumar Yadav, P. Muvvala & R. Meenakshi Reddy	Study of performance, emission characteristics and parametric optimization of compression ignition engine using biofuels: A review	Biofuels, Volume 15, 2024, Issue 9.
3	R. Meenakshi Reddy	Machine learning classification approach for predicting tensile strength in aluminium alloy during friction stir welding	International Journal on Interactive Design and Manufacturing Volume 19, p. 639-643 (2025).
4	G. Praveen Kumar Yadav	Elliptic-Curve Cryptography Implementation on RISC-V Processors for Internet of Things Applications	Wiley Journal of Engineering, Vol. 2024, pp: 1-9
5	P. Hari Sankar	Optimization of re-configurable multi-core processors and security based on field programmable gate arrays	IJEECS, Vol. 33, No.1, Jan 2024, pp. 568-580
6	R. Meenakshi Reddy	Sustainable decision-making approach for operational excellence considering emerging technologies and energy sources: a review	Discover sustainability, volume 5, article 240, (2024)

7	K. Jayasimha Reddy	Artificial intelligence-based forecasting of dual-fuel mode CI engine behaviors powered with the hydrogen-diesel blends	International Journal of Hydrogen Energy (IJHE), pp.1074-1086
8	B. Madhusudhan Reddy	Enhancement of mechanical and structural characteristics through the hybridization of carbon fiber with Cordia-dichotoma/polyester composite	Polymer Composites – Wiley
9	H. Ragahavendra Rao	Effects of Alkali Treatment on the Mechanical, Chemical and Thermal properties of Aramid and Glass Fiber-Reinforced Epoxy Hybrid Composites	Composites: Mechanics, Computas, Applications: An International Journal, Vol.16, pp.51-67
10	G. Venkatesh	Thermal performance of teardrop pin fins and zig-ag ribs in a wedge channel	International Journal of Turbo and Jet Engines
11	Dr. D. Mohana Krishnudu, Dr. R.V. Saikumar Reddy, Dr. R. Meenakshi Reddy	Synthesis, characterization and mechanical properties evaluation of muntingia calabura fibre reinforced epoxy composites: Fibre treatment comparison with NaOH and KOH	Green Technologies and Sustainability,
12	Dr. K. Devaki Devi	Mathematical Modeling and Optimization of Process Parameters in 3D Printing of AlFeSi10Mg Components Using Neural Network and RSM	International Journal of Integrated Engineering, Vol. 16 No. 3, pp.358-375
Publications in International Conferences			
1	Dr. R. Meenakshi Reddy, Dr. K. Krishna Reddy	Simulation Modelling and Experimental Study of Turning Process of Inconel 600 with Al ₂ O ₃ Coated Carbide Tool	ICAMMSD – 2024 22 nd & 23 rd November 2024.
2	Dr. Y. Venkata. Mohana Reddy	Enhancing Mechanical, Tribological, and Surface Properties of Aluminium 6061 Alloy via Reinforcement with SiC, TiB ₂ , and SiC + 1 wt % Graphite	ICAMMSD – 2024 22 nd & 23 rd November 2024.

3	Dr. B. Madhusudhan Reddy	Chemical, Crystalline and Thermal Characterization of Raw and Alkali-Treated Burmese Silk Orchid Fiber	ICAMMSD – 2024 22 nd & 23 rd November 2024.
4	Dr. E. Venugopal Goud	Experimental Investigation on Mechanical properties of AL7075 reinforced with HBN and SiC	ICAMMSD – 2024 22 nd & 23 rd November 2024.
5	Dr. D. Mohana krishnudu	A comprehensive study of CNC waste reinforced Epoxy composites	ICAMMSD – 2024 22 nd & 23 rd November 2024.
6	P. Lakshmi Reddy	Optimization of Heat Pipe Thermal Performance with Al ₂ O ₃ Nanofluid: Response Surface Approach	ICAMMSD – 2024 22 nd & 23 rd November 2024.
7	G.S. Guru Dattatreya	Development and Analysis of Aluminum Metal Matrix Composite	ICAMMSD – 2024 22 nd & 23 rd November 2024.
8	Dr. P. Hari Sankar	Modelling and Simulation of Ablation Process for Carbon-Phenolic Composite Laminates under Aerodynamic Loading	ICAMMSD – 2024 22 nd & 23 rd November 2024.
9	Dr. Venkatesh Ganta	Investigation of Mechanical Properties of Al 6061 Reinforced with B4C	ICAMMSD – 2024 22 nd & 23 rd November 2024.
10	Dr. K. Devai Devi	Analyzing Driver Behavior in Mixed Urban Traffic	ICAMMSD – 2024 22 nd & 23 rd November 2024.
11	Dr. M. Nagaphani Sastry	Experimental and Statistical Analysis of AA6061/Al ₂ O ₃ -Ash Reinforced Composites via Ultrasonic Stir Casting	ICAMMSD – 2024 22 nd & 23 rd November 2024.
12	Dr. G. Sankaraiah	Design & Fabrication of Bulletproof Guardpost Using Kevlar, Polyurethane Reinforced Composite	ICAMMSD – 2024 22 nd & 23 rd November 2024.
13	Dr. V. Satish Kumar	Curb the Growing Menace of Traffic Problems in Kurnool City	ICAMMSD – 2024 22 nd & 23 rd November 2024.

14	Dr. R. Meenakshi Reddy	Optimization of Performance and Emission Characteristics of Dual Fuel Diesel Engine Fueled with Palm Oil Methyl Esters and LPG	ICAMMSD – 2024 22 nd & 23 rd November 2024.
15	Dr. K. Jayasimha Reddy	Thermal Analysis and Heat Dissipation Strategies for Faster Cooling of Lithium-Ion Batteries	ICAMMSD – 2024 22 nd & 23 rd November 2024.
16	Dr. K. Krishna Reddy	Performance of Thermal Energy Storage System Using Water-Based Nanofluids for Solar Heating Applications	ICAMMSD – 2024 22 nd & 23 rd November 2024.
17	G. Shaikshavali	3D Printing of Scaffolds for Medical Application using Digital Light Processing Technique	ICAMMSD – 2024 22 nd & 23 rd November 2024.
18	G. Praveen Kumar Yadav	Optimization of VCR diesel engine input parameters fuelled with maize biodiesel blends using taguchi method	ICAMMSD – 2024 22 nd & 23 rd November 2024.
19	G. Venkatesh	Fabrication of Updraft Gasifier for Fueling of a Diesel Engine	ICAMMSD – 2024 22 nd & 23 rd November 2024.
20	Dr. H Raghavendra Rao	Performance Analysis of Aramid Fiber-Based Composites in Motorcycle Helmets for Improved Impact Resistance	ICAMMSD – 2024 22 nd & 23 rd November 2024.
21	M. Lavakumar	Experimental Investigation of Heat Transfer Enhancement in a Double Tube Heat Exchanger with Interrupted Fins Using Fe ₃ O ₄ -Water Nanofluid	ICAMMSD – 2024 22 nd & 23 rd November 2024.
22	Dr. K. Poli Reddy	CFD Analysis on Heat Transfer Enhancement in Horizontal Tube with Different Inserts	ICAMMSD – 2024 22 nd & 23 rd November 2024.
23	E. Siva Reddy	Thermal Analysis of Thermal Energy Storage System Using Spherical Capsule with and with Out Fins	ICAMMSD – 2024 22 nd & 23 rd November 2024.
24	Dr. Ravikanth Reddy	Investigation of Mg-NiSnGd Alloy Prepared Through Mechanical Alloying	ICAMMSD – 2024 22 nd & 23 rd November 2024.

4. New faculty Recruited:

S. No	Names of Faculty	Designation	Qualification	Photo
1.	Dr. K. Poli Reddy	Associate Professor	Ph.D.	
2.	Dr. C. Ravikanth Reddy	Assistant Professor	Ph.D.	
3.	Dr. K. Krishna Reddy	Assistant Professor	Ph.D.	
4.	Dr. G. Venkatesh	Assistant Professor	Ph.D.	

5. Faculty Achievements:

1. M. Murali Mohan received Best Paper Presentation Award for presenting the Paper “Experimental Investigation on Mechanical properties of AL7075 reinforced with HBN and SiC”, in International Conference on Advanced Materials, Manufacturing and Sustainable Development (ICAMMSD – 2024) on 22nd & 23rd November 2024.
2. Dr. K. Krishna Reddy received Best Paper Presentation Award for presenting the Paper “Performance of Thermal Energy Storage System Using Water-Based Nanofluids for Solar Heating Applications”, Manufacturing and Sustainable Development (ICAMMSD – 2024) on 22nd & 23rd November 2024.

S. No	Name of the Faculty	Module No	Title of the Module	Completed Date
1	G. Praveen Kumar Yadav	3	Orientation towards Technical Education and Curriculum Aspects	Sept-24
2	G. Praveen Kumar Yadav	4	Professional Ethics and Sustainability	Sept-24
3	G. Shaikshavali	3	Orientation towards Technical Education and Curriculum Aspects	Sept-24
4	G. Shaikshavali	4	Professional Ethics and Sustainability	Sept-24
5	M. Lava Kumar	3	Orientation towards Technical Education and Curriculum Aspects	Sept-24
6	M. Lava Kumar	4	Professional Ethics and Sustainability	Sept-24
7	M. Murali Mohan	3	Orientation towards Technical Education and Curriculum Aspects	Sept-24
8	M. Murali Mohan	4	Professional Ethics and Sustainability	Sept-24

6. NPTEL Courses:

S. No	Name of the Faculty	Title of the Course
1	Dr. D. Mohana Krishnudu	Introduction to Machine Learning
2	G. Praveen Kumar Yadav	Cyber security and Privacy
3	Dr. P. Hari Shankar	Accreditation and Outcome based learning
4	M. Lava Kumar	Introduction to Machine Learning
5	M. Lava Kumar	Python for Data Science
6	Dr. C. Ravikanth Reddy	Database Management System
7	Dr. M. Naga Phani Sastri	Design Practise – II
8	Dr. V. Sai Kumar Reddy	Introduction to Machine Learning
9	Dr. V. Sai Kumar Reddy	Python for Data Science
10	Dr. K. Devaki Devi	Design Practise – II
11	Dr. C. Ravikanth Reddy	Big Data Computing

12	P. Lakshmi Reddy	Python for Data Science
13	Dr. M. Madhusudhan Reddy	Python for Data Science
14	Dr. M. Naga Phani Sastri	Introduction to Machine Learning
15	K. Jayasimha Reddy	Introduction to Machine Learning
16	Dr. V. Sai Kumar Reddy	Computer Vision
17	Dr. V. Sai Kumar Reddy	Reinforcement Learning
18	P. Lakshmi Reddy	Energy conservation and waste heat recovery
19	Dr. H. Raghavendra Rao	Accreditation and Outcome based learning
20	Dr. E. Venu Gopal Goud	Aluminum based alloys and metal matrix composites
21	Dr. R. Meenakshi Reddy	Selection of nanomaterials for energy harvesting and storage applications
22	K. Jayasimha Reddy	Data science for engineers

7. Student Achievements:

1. A total of 72 students completed Manual Metal Arc Welding/ Shielded Metal Arc Welding training organized by Capital Goods & Strategic Skill Council.
2. A total of 20 students participated in SIH Internal Hackathon 2024, organized by Center for Innovation and Entrepreneurship, G. Pulla Reddy Engineering College Kurnool on 4th September 2024.
3. Two students I. Sai Charan with Roll No. 219X1A0349 and C. Karthik Reddy with Roll No. 219X1A0331 has participated in the event DYNAMECH2K24 held at Department of Mechanical Engineering, JNTUA College of Engineering (Autonomous) Ananthapuramu on 29th October 2024 and got 1st prize in paper presentation.
4. Two students I. Sai Charan with Roll No. 219X1A0349 and C. Karthik Reddy with Roll No. 219X1A0331 has participated in the event DYNAMECH2K24 held at Department of Mechanical Engineering, JNTUA College of Engineering (Autonomous) Ananthapuramu on 29th October 2024 and got 1st prize in project expo.

DEPARTMENT OF HUMANITIES AND BASIC SCIENCES

1. Events conducted/ organized:

- Festivista-2k24 is conducted by English Club on 22nd August 2024.
- Rhetoric-2K24- Rhetoric Inter-Collegiate Oratory Championship is conducted by English Club 4th to 13th November 2024.

2. Workshops /Conferences /seminars attended by faculty:

S.No	Names(s) of Faculties	Workshop/Conference /Seminar attended	Held at	Period from - to
1	Dr. S. Sailaja	Online Short Term Programme on Functional Materials and Devices	MMTTC, IITDM, Kanchepuram	1 st -6 th July 2024
2	Smt. G. Ujwala	Online Short Term Programme on Functional Materials and Devices	MMTTC, IITDM, Kanchepuram	1 st -6 th July 2024
3	Smt. E. Nirmala Devi	Online Short Term Programme on Functional Materials and Devices	MMTTC, IITDM, Kanchepuram	1 st -6 th July 2024
4	Dr. T. Satya	Online Short Term Programme on Functional Materials and Devices	MMTTC, IITDM, Kanchepuram	1 st -6 th July 2024
5	Dr. S. Sailaja	FDP on “The future of computing emerging technologies & trends	G.Pulla Reddy Engineering College, Kurnool	8 th -12 th July 2024
6	Dr. S. Sailaja	National Conference on “India’s National Hydrogen Mission : Recent Developments and Future Prospects	IITDM, Kurnool	22 nd – 24 th July 2023
7	Sri. K. Viswanath	National Conference on “India’s National Hydrogen Mission : Recent Developments and Future Prospects	IITDM, Kurnool	22 nd – 24 th July 2023
8	Dr. Papori Seal	National Conference on “India’s National Hydrogen Mission :	IITDM, Kurnool	22 nd – 24 th July 2023

		Recent Developments and Future Prospects		
9	Dr. A.P. Lingaswamy	National Conference on “India’s National Hydrogen Mission : Recent Developments and Future Prospects	IITDM, Kurnool	22 nd – 24 th July 2023
10	Smt. G. Ujwala	National Conference on “India’s National Hydrogen Mission : Recent Developments and Future Prospects	IITDM, Kurnool	22 nd – 24 th July 2023
11	Smt. E. Nirmala Devi	National Conference on “India’s National Hydrogen Mission : Recent Developments and Future Prospects	IITDM, Kurnool	22 nd – 24 th July 2023
12	Dr. T. Satya	National Conference on “India’s National Hydrogen Mission : Recent Developments and Future Prospects	IITDM, Kurnool	22 nd – 24 th July 2023
13	Dr. Nasreen Noor	FDP on “Outcome Based Education”	G.Pulla Reddy Engineering College, Kurnool	29 th -2 nd Aug 2024
14	Dr. K. Subhashini	FDP on “Outcome Based Education”	G.Pulla Reddy Engineering College, Kurnool	29 th -2 nd Aug 2024
15	Dr. S. Sailaja	FDP on “Outcome Based Education”	G.Pulla Reddy Engineering College, Kurnool	29 th -2 nd Aug 2024
16	Sri. Y. V. Siva Kumar	FDP on “Outcome Based Education”	G.Pulla Reddy Engineering College, Kurnool	29 th -2 nd Aug 2024
17	Smt. G. Ujwala	NGA1.1X: Teaching critical thinking through art with the national gallery of art	EDX Course offered by SmithsonianX	1 st Aug 2024
18	Smt. G.Ujwala	D1V1x: Communication skills for dialoguing across difference	EDX Course offered by CatalystX	1 st Aug 2024

19	Dr. V. Rangaveni	Teacher's enrichment workshop on linear algebra and calculus	IITDM, Kurnool	29 th -3 rd Aug 2024
20	Dr. Papori Seal	NEP 2020 Orientation and Sensitization programme	NIIT Warangal	20-28 Aug 2024
21	Dr. G Ujwala	NEP 2020 Orientation and Sensitization programme	NIIT Warangal	20-28 Aug 2024
22	Smt. G Pushpa Latha	Research Methodology	NPTEL	Jul-Sept2024
23	Dr Nasreen Noor	Teaching Critical Thinking through Art with the National Gallery of Art	EDX Course offered by SmithsonianX	03 Sept 2024
24	Dr Nasreen Noor	Teamwork And Collaboration	EDX Course offered by Rochester Institute of Technology	18 Sept 2024
25	Dr Nasreen Noor	Public Speaking	EDX Course offered by Rochester Institute of Technology	18 Sept 2024
26	Dr Nasreen Noor	Communication and Teamwork	EDX Course offered by Fullbridge, Inc.	18 Sept 2024
27	Dr Nasreen Noor	Fundamentals of Psychology	EDX Course offered by Doane University	19 Sept 2024
28	Dr. Papori Seal	Semiconductors for Beginners	EDX Course offered by National University of Singapore	27 Sept 2024
29	Dr. G Ujwala	One month Faculty Induction Programme	NIT Warangal	03 Sept- 07 Oct 2024
30	Dr. S Sailaja	One month Faculty Induction Programme	NIT Warangal	03 Sept- 07 Oct 2024
31	Sri. A. Ganesh	Faculty Induction Programme	NITK Surathkal	22-24 Oct 2024
32	Smt.B Munilakshmi	Educational Leadership	NPTEL	Jul-Oct 2024

33	Dr.K Aparna	Educational Leadership	NPTEL	Jul-Oct 2024
34	Dr. S Sailaja	Newtonian Mechanics with Examples	NPTEL	Aug-Oct 2024
35	Smt. E Nirmala Devi	Newtonian Mechanics with Examples	NPTEL	Aug-Oct 2024
36	Kurudi Suresh	Techniques of Material Characterization	NPTEL	Jul-Oct 2024
37	Sri. A Ganesh	Materials for Energy and Sustainability	IISER, Bhopal	4- 18, Nov 2024
38	Dr T Satya	National Conference on Synthesis of Advanced Materials for Science and Technology	Government College for Men, Kadapa	25 Nov 2024
39	Dr S Sailaja	National Conference on Synthesis of Advanced Materials for Science and Technology	Government College for Men, Kadapa	25 Nov 2024
40	Dr Papori Seal	National Conference on Synthesis of Advanced Materials for Science and Technology	Government College for Men, Kadapa	25 Nov 2024
41	Dr G Ujwala	National Conference on Synthesis of Advanced Materials for Science and Technology	Government College for Men, Kadapa	25 Nov 2024
42	Smt E Nirmala Devi	National Conference on Synthesis of Advanced Materials for Science and Technology	Government College for Men, Kadapa	25 Nov 2024
43	Kurudi Suresh	AP Physics 1	EDX Course offered by RICE UNIVERSITY	
44	Dr. Kiran Babu	FDP on Artificial Intelligence and Machine Learning with MATLAB	G. Pulla Reddy Engineering College	2 to 7 December 2024
45	Dr. Raghavendra Prasad	FDP on Artificial Intelligence and Machine Learning with MATLAB	G. Pulla Reddy Engineering College	2 to 7 December 2024

46	K Sharath Kumar Reddy	FDP on Artificial Intelligence and Machine Learning with MATLAB	G. Pulla Reddy Engineering College	2 to 7 December 2024
47	Shahina Nikhath	FDP on Artificial Intelligence and Machine Learning with MATLAB	G. Pulla Reddy Engineering College	2 to 7 December 2024
48	G Siddesh Babu	FDP on Artificial Intelligence and Machine Learning with MATLAB	G. Pulla Reddy Engineering College	2 to 7 December 2024
49	K Raghavendra	FDP on Artificial Intelligence and Machine Learning with MATLAB	G. Pulla Reddy Engineering College	2 to 7 December 2024
50	Dr. T Satya	Module 1: Orientation towards Technical Education and Curriculum Aspects	NITTT	September 2024
51	Dr. Papori Seal	Module 6: Student Assessment and Evaluation	NITTT	September 2024
52	K Raghavendra	Calculations with Vectors and Matrices	MathWorks Training Services	December 2024
53	K Raghavendra	MATLAB Onramp	MathWorks Training Services	December 2024
54	K Raghavendra	National Conference on Mathematics and its applications	Sri Venkateswara University, Tirupati-517502	22 nd & 23 rd December 2024

3. Papers Presented/Achievements:

Publications in International Journals

S.No	Authors	Paper Title	Published in / Issue No / Vol.No/ Year/Month/ Pages
1	Smt.G. Ujwala	Development and Evaluation of pH-Responsive Microbeads Incorporated with Nickel Zinc Ferrite Nanoparticle for Controlled Release of Doxorubicin	Doi: 10.1002/slct.202402227, IF:2.1, SCIE

2	Dr Papori Seal	Tailoring Magnetic Properties of Fe ₃ O ₄ Nanocomposites with Amine-Functionalized MWCNT FOR Optimal Hyperthermia Performance	Doi: https://doi.org/10.1016/j.ma tchemphys.2024.130169 , IF: 4.3, SCIE
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4. Ph.D's awarded:

S.No	Names of Faculty	Title of Thesis	University	Date of Award of the Degree
1	Dr.G.Ujwala	Fabrication and Characterization of Polymer matrices loaded with metal nanoparticles for Drug delivery Applications	SKU	28-10-2024

5. New faculty Recruited:

S.No	Names of Faculty	Department	Designation	Qualification	Photo
1	Dr.K.Jyothi	H&BS	Assistant Professor	Ph.D	
2	Ms.Lakshmi Sai Pranathi	H&BS	Assistant Professor	M.Sc	
3	Dr.V.Balaji	H&BS	Assistant Professor	Ph.D	
4	Sri.Y.Ravi kumar	H&BS	Assistant Professor	M.Sc	

EXTRA ACADEMIC ACTIVITIES

BHUVANAVIJAYAM

S.No.	Name of the activity	Held on	No. of students participated
1	Nasha Mukta Bharat Abhiyaan	12-08-2024	150
2	Solidarity March and Rasta Roko in protest of R.G. Kar Medical College, Kolkata incident	20-08-2024	300
3	Save Hundri and K.C.Canal	02-09-2024	180
4	Rangoli competition and cultural programs	09-09-2024	60
5	Clean Campus	24-09-2024	150
6	Essay Writing competition	01-10-2024	31
7	Commemoration of birth anniversary of Dr A P J Abdul Kalam	15-10-2024	65
8	Interaction with Anirudh Suswaram	16-10-2024	250
9	Music Time	18-10-2024	240
10	Selections for Cultural Festival 2024	01-11-2024& 02-11-2024	700
11	SIP for the First year Students admitted in AY 2024-25	06-11-2024& 08-11-2024	700
12	Cultural activities by 1 st year students in EAA sessions	11-11-2024& 12-11-2024	105
13	Band Ecstasy	14-11-2024	550
14	Cultural activities by 1 st year students in EAA sessions	18-11-2024	55
15	75 th constitution day celebrations	26-11-2024	40
16	Viksit Bharat Quiz Challenge	10-12-2024	200

CENTRE FOR AWARENESS AND DISCUSSIONS (CAD)

S. No.	Name of the Event	Held on	No. of students participated
1	How to overcome stage fright	01-10-2024	61
2	JAM	14-10-2024	21
3	Group Discussion	15-10-2024	58
4	Mind Marathon	17-10-2024	95
5	JAM	21-10-2024	61
6	Group Discussion	22-10-2024	55
7	Group Discussion	29-10-2024	62
8	JAM	30-10-2024	42

9	Group Discussion	04-11-2024	58
10	Debate	05-11-2024	54
11	Incident Insights	11-11-2024	56
12	Battle of Wits	12-11-2024	59
13	Press Play	13-11-2024	35
14	GPREC got talent	14-11-2024	70
15	Technical Treasure Hunt	15-11-2024	110
16	Valedictory for Festive Storm-2K24	16-11-2024	55
17	Debate	19-11-2024	47

EXTENSION ACTIVITY

S. No.	Name of the Event	Held on	No. of students participated
1	Seminar and Pledge taking event as part of Nasha Mukta Bharat Abhiyaan	12-08-2024	150
2	Solidarity march and Rasta Roko in protest of R.G. Kar Medical College, Kolkata incident	20-08-2024	300
3	Awareness Programme To Save Hundri And K.C.Canal	02-09-2024	180
4	An Outreach Programme On IOT	20-09-2024	25
5	Clean Campus Programme	24-09-2024	150
6	A Tribute to Dr. APJ. Abdul Kalam On His Birth Anniversary	15-10-2024	35
7	Awareness Program on Updated Technologies in Agriculture	19-10-2024	42
8	A Continuous Outreach Program for School Students of Vignana Peetam High School	19-10-2024	16
9	A Talk on Most Inspiring Personalities	22-10-2024	64
10	Awareness Program on Health and Hygiene	26-10-2024	25
11	A Talk on How to Save Our Planet Earth	28-10-2024	62
12	Can Artificial Intelligence replace Human Intelligence?	04-11-2024	63
13	An Awareness program on Cybercrime	05-11-2024	60

14	A tribute to Ahilyabai Holkar on her 300th birth anniversary	09-11-2024	94
15	Story telling Competition about Jhansi Lakshmi Bai	12-11-2024	56
16	An outreach program on smart agriculture	16-11-2024	45
17	Commemorate the adoption of the Indian Constitution	26-11-2024	180
18	Guest Lecture on Spoken Sanskrit	02-12-2024	190
19	The Viksit Bharat Quiz	09-12-2024	62
20	Electronic Eye-Quiz	10-12-2024	63
21	Meditation Program	21-12-2024	135
22	Vision in Colors-Drug Abuse	24-12-2024	30

GAMES & SPORTS

S. No.	Name of the Event	Held on	No. of students participated
1	Participated in JNTUA Inter University selection trails in various games	29-09-2024 to 14-12-2024	45
2	UDAAN – Intramural competitions for the academic year 2024-2025 is started.	19-10-2024	800
3	Participated in Eenadu Kurnool district Cricket tournament and College got Winners in this tournament.	27-12-2025	15

NATIONAL SERVICE SCHEME ACTIVITIES

Sl. No	Name of the event	Held on	No. of students participated
1.	International Yoga Day	22-06-2024	20
2.	Awareness Program on Nasha Mukta Bharath	12-08-2024	150
3.	Independence Day Celebrations	15-08-2024	100
4.	Vana Mahotsavam	30-08-2024	30
5.	Campus Cleaning Program	24-09-2024	100
6.	UNO Formation Day	23-10-2024	20
7.	Rastreeya Ekta Diwas	30-10-2024	20
8.	Students Induction Program (SIP-2024)	06-11-2024 to 08-11-2024	100
9.	National Education Day	11-11-2024	30
10.	Blood Donation camp	12-11-2024	120
11.	Constitution Day Celebrations	26-11-2024	100
12.	Guest Lecture on Spoken Sanskrit Language	02-12-2024	200
13.	My Bharath Quiz	09-12-2024	100
14.	Poster competition about free legal aid	12-12-2024	10

VIVEKANANDA STUDY CIRCLE

S. No.	Name of the Event	Held on	No. of students participated
1.	Essay writing, elocution and singing competitions on the occasion of Independence Day 2024.	11-08-2024 to 14-08-2024	50
2.	Eco-Friendly Ganesh Idol Making Competition	05-09-2024	70

3.	Ganesh Chaturthi Celebrations	07-09-2024 to 09-09-2024	All faculty, staff and students of the college
4.	Voluntary visit to Respite home and Vignanapeetham.	14-10-2024	50
5.	Documentary to Commemorate Devi Ahalyabai Holkar on the occasion of her 350 th Birth Anniversary.	17-10-2024	35
6.	Student Induction Program-2024	06-11-2024 to 08-11-2024	1200
7.	Blood donation Camp	12-11-2024.	100
8.	Constitution Day	26-11-2024	100
9.	Reel contest on 'Child Marriages and Good Touch-Bad Touch'	26-12-2024	15

YOGA AND MEDITATION

S. No.	Name of the Event	Held on	No. of students participated
1	Yoga and Meditation of GPREC conducted awareness program on Yoga	01-11-2024	58
2	Yoga and Meditation of GPREC conducted awareness program on Yoga	28-11-2024	50
3.	Yoga and Meditation of GPREC conducted awareness program on Yoga	30-10-2024	55
4.	Yoga and Meditation of GPREC conducted International Meditation Day	21-12-2025	105

WOMEN'S CELL

S. No.	Name of the Event	Held on	No. of students participated	Resource Person
1.	Nationwide protest R G Kar Medical College, Kolkata incident	20-08-2024	300	--
2.	Invited talk on 'Engineering Excellence, reliability and women empowerment'	29-08-2024	150	Sri Somnath Pal and Ms. Poushali Pal
3.	awareness session for first B.Tech Students on 23 rd and 15 th September 2024 on "how to be smart and safe in campus"	23-08-2024 & 15-09-2024	1200	Final year Volunteers of IEEE and Women's Cell
4.	Documentary presentation to Commemorate Devi Ahalyabai Holkar on the occasion of her 350 th Birth Anniversary	17-10-2024	35	Dr. T. Swathi, Asst. Professor of ECE
5.	Gender Sensitization Sessions as part of SIP-2024	06-11-2024 to 08-11-2024	1100	• Dr. K. Devaki Devi, • Dr. V. Ananthalakshmi, • Sri G. Bhargava, • Smt. Jyothirmaye, • Ms. Sunitha
6.	Story telling Competition on account of Rani Jhansi Lakshmi Bai Jayanthi	12-10-2024	60	--
7.	Quiz competition on Legacy and life history of Ahilya Bai Holkar	13-11-2024	20	
8.	SWASHAKTHI – A Two Day Women Congress	06-12-2024 & 07-12-2024	60	• Prof. K. Rani Rajitha Madhuri • Smt. Suja Warriar. • Smt. Malini Parmar. • Smt. Sowjanya and Somya Madabushi. • Dr. K. Subhashini • Ms. Preethi Jalla Razdan.
9.	Guest lecture on ' <i>Period Love, Live Green</i> '	7 th Dec 2024	120	Smt. Malini Parmar

ISTE STUDENTS' CHAPTER

S. No.	Name of the Event	Held on	No. of students participated
1	Just A minute (JAM)	17-09-2024	35
2	Tech-Charads	01-10-2024	35

3	Tech- Debate	08-10-2024	35
4	Tech-Buzz	08-11-2024	25
5	Tech-Expo	12-11-2024	25
7	Tech-Talk	20-10-2024	20
8	Brain Tease	07-11-2024	69
9	JAM (Just A Minute)	08-11-2024	20
10	Puzzlewhiz	11-11-2024	56
11	Talking Masters	15-11-2024	20
12	Mind Map Marathon	27-12-2024	64
13	Mind Bender	30-12-2024	10

ENGLISH CLUB

S. No.	Name of the activity	Held on	No. of Participants
1	Movie Screening – I (Kung fu Panda-IV)	18-09-2024	35
2	Movie Screening – II (Kung fu Panda-IV)	23-09-2024	28
3	Movie Screening – III (Madagascar)	21-10-2024	40
4	Movie Screening – IV (Madagascar)	23-10-2024	37
5	Book Reading (Sudha Murthy Stories)	11-11-2024	22
6	Rhetoric-2K24 Prelims	05-11-2024	158
7	Rhetoric-2K24 Semi Finals	11-11-2024	95
8	Rhetoric-2K24 Finale	13-11-2024	67

9	Elocution on 'Culture of Integrity for Nation's Prosperity'	29-11-2024	194
10	Essay Writing-Drug Abuse	23-12-2024	20
11	Essay Writing-Human Trafficking	23-12-2024	25

CODERS' CLUB

S.No.	Name of the activity	Held on	No. of Participants
1	Snippet Secret	03-05-2024	50
2	Coders Club Website launching	22-08-2024	25
3	Codex2.0	24-08-2024	210
4	Smart India Hackathon - Internal Hackathon	05-09-2024	120
5	Smart India Hackathon - Internal Hackathon	06-09-2024	110
6	Jignasa Website launching	17-09-2024	30
7	Coders Club Recruitment Exam	20-09-2024	225
8	Coders Club Recruitment Interviews	23-09-2024	180
9	Coders Club Recruitment Group Discussion	07-10-2024	180
10	Presentation at the Planning Department, Govt. Of AP (StudyMate+ Project proposal for enhancing academic success, emotional resilience)	07-10-2024	5
11	Generative AI Bootcamp	16-10-2024	200
12	Generative AI Bootcamp	17-10-2024	200
13	Generative AI Bootcamp Hands on Session	18-10-2024	200
14	Code Essentials	30-10-2024	67
15	Code chef Student interaction	07-11-2024	52
16	Cvcorp Hackathon in association with APTPO's consortium	08-11-2024	120

CENTER FOR INNOVATION AND ENTREPRENEURSHIP (CIE)

S. No.	Name of the activity	Held on	No. of Participants
1.	Be a Successful Entrepreneur (Online)	09-07-2024	12
2.	Smart India Hackathon (Internal)	05-09-2024	150
3.	Workshop on Digital Marketing for Women Entrepreneurs	20-09-2024 to 22-09-2024	25
4.	Kreative-2K2k, National Level Innovative Idea and Prototype Contest	24-10-2024	145

CSI STUDENT BRANCH

S. No.	Name of the activityd	Held on	No. of Participants
1	Pictorial Representation	24-08-2024	45
2	Fun with Tech	30-08-2024	62
3	Tech Trivia Challenge	06-09-2024	49
4	Seminar: Introduction to CSI Student Chapter	12-09-2024	40
5	Mind Maze	14-09-2024	49
6	Group Discussion	18-09-2024	74
7	Fun with entertainment	20-09-2024	58
8	Technical Puzzle	04-10-2024	60
9	JAM	04-10-2024	39

10	Brain Teasers	05-10-2024	52
11	Debugging Challenge	09-10-2024	24
12	Techcode Buzz	16-10-2024	29
13	Designs for Development	16-10-2024	45
14	Cognitive Quest	23-10-2024	50
15	Top Hands - Lets test your typing skills	23-10-2024	30
16	Quizzzy Buzzer	30-10-2024	30
17	Decoding I	30-10-2024	56
18	Technical Quiz	06-11-2024	47
19	Tech Trek	13-11-2024	16
20	R & J Case Study	13-11-2024	56
21	Code Quest	19-12-2024	37
22	One Day Workshop on Neoteric Frontiers in Cloud and Quantum Computing	21-12-2024	740
23	BuzzQuiz	24-12-2024	54
24	Fun Triva	24-12-2024	52
25	Cryptic Codes	26-12-2024	50
26	Code Patterns – Decoding the loops	30-12-2024	62
27	Mindbend	31-12-2024	54

IEEE STUDENTS' CHAPTER

S.No.	Event Name	Organizing Bodies	Date	No. of Participants
1	Electrica - Poster Presentation	IEEE PELS, PES, IAS SBC's, EEE Dept.	19-08-2024	27
2	Treasure Hunt	IEEE PELS, PES, IAS SBC's, EEE Dept.	21-08-2024	68
3	Industrial Visit to 400/220 KV Substation, AP Transco	IEEE PELS, PES, IAS SBC's, EEE Dept.	22-08-2024	60
4	Technical Talk on Role of Automation in Electrical Engineering	IEEE PELS, PES, IAS SBC's, EEE Dept.	23-08-2024	66
5	Invited Talk on Engineering Excellence, Reliability & Empowerment	IEEE SB, IEEE Hyderabad Section	29-08-2024	150
6	Administrative Meet	IEEE Information Theory Society	29-08-2024	-
7	Awareness of IEEE and Benefits of IT Society	IEEE Information Theory Society	23-08-2024	65
8	Call for Volunteers	IEEE GPREC COMSOC SBC	28-08-2024	12
9	IEEE Ananthapuramu Zonal Congress "UMANG 2K24"	IEEE GPREC SB	14-09-2024	296
10	Technical Quiz	IEEE PELS, EEE Dept.	04-09-2024	32
11	Excom Recruitment Drive	IEEE MTT Soc	02-09-2024	45
12	Idea Presentation Competition	IEEE MTT Soc	03-09-2024	57
13	Essay Writing & Elocution Competition	IEEE MTT Soc, IE(I) Student Chapter	04-09-2024	176

14	Virtual Event on Semiconductor Sector	IEEE MTT Soc, ISM, MeitY	11-09-2024	226
15	Poster/Flyer Design Competition	IEEE MTT Soc	17-09-2024	9
16	Awareness Session on Opportunities in Global Universities	IEEE MTT Soc, Edu Wave Education & Migration	18-09-2024	226
17	Call for Volunteers (Sensors Council)	IEEE GPREC Sensors Council	10-09-2024	12
18	Hands-on Session on UAVs	IEEE GPREC Sensors Council	18-09-2024	20
19	Tech Wars	IEEE-CIS Student's Chapter	02-09-2024	10
20	Umang-2k24 Workshop	IEEE-CIS Student's Chapter	14-09-2024	296
21	Awareness on IEEE	IEEE-CIS Student's Chapter	19-09-2024	47
22	Tech Wars	IEEE-CS	02-09-2024	-
23	Debate on Mobile Technologies, Tech-Talk on Coding Platforms	IEEE-CS	13-09-2024	-
24	Think Tech	IEEE-CS	17-09-2024	-
25	Administrative Meeting	IEEE SB & PELS SBC	04-10-2024	20
26	Session on Awareness on WIE	IEEE SB, WIE AG, PELS SBC	05-10-2024	55
27	Interaction Meet on IEEE Benefits	IEEE SB & PELS SBC	05-10-2024	60
28	IEEE Day Celebrations	IEEE SB & PELS SBC	05-10-2024	65

29	Session on "Daksha"	IEEE PELS	16-10-2024	24
30	Session on Social Media Effects	IEEE PELS	17-10-2024	26
31	Session on "Four Ideas to Lead a Successful Life"	IEEE PELS	18-10-2024	19
32	JOSH 40 (JIGNASA 2K24)	IEEE PELS, IAS SBC	25-10-2024	82
33	Webinar for IEEE Day	IEEE WIE AG	05-10-2024	55
34	Documentary on Devi Ahalyabai Holkar	IEEE WIE AG	17-10-2024	35
35	Excom Announcement and Introduction of New Excoms	IEEE MTT Soc	14-10-2024	15
36	Guest Lecture on Microprocessors	IEEE MTT Soc	16-10-2024	27
37	Guest Lecture on Antennas	IEEE MTT Soc	17-10-2024	32
38	Technical Quiz on Microwaves and Antennas	IEEE MTT Soc	23-10-2024	43
39	Guest Lecture on Antennas - II	IEEE MTT Soc	28-10-2024	32
40	National Workshop on Verilog & FPGA	IEEE Information Theory Society	03-10-2024 to 05-10-2024	85
41	IEEE EXECOM Meet	IEEE Information Theory Society	28-10-2024	8
42	Verilog & FPGA Workshop	IEEE GPREC COMSOC SBC	03-10-2024 to 05-10-2024	85
43	EXECOM CONNECT	IEEE GPREC COMSOC SBC	28-10-2024	-
44	Metacognitive Skill	IEEE GPREC COMSOC SBC	29-10-2024	24

45	Semi-Supervised Approach Technical Talk	IEEE GPREC Sensors Council, IEEE CIS	05-10-2024	65
46	Circuit Buzz: Find-Fit-Finish	IEEE GPREC Sensors Council	16-10-2024	32
47	TECHNOLEDGICA 3.0	IEEE GPREC Sensors Council	24-10-2024	75 (for Electronic Eye)
48	Tech Puzzles	IEEE-CIS Student's Chapter	03-10-2024	18
49	Guest Lecture on Semi- Supervised Approach	IEEE-CIS Student's Chapter	05-10-2024	69
50	JAM (on AI's impact)	IEEE-CIS Student's Chapter	15-10-2024	-
51	Code Crush Challenge	IEEE-CIS Student's Chapter,	17-10-2024	50
52	Debugging Delights	IEEE-CIS Student's Chapter,	22-10-2024	26
53	Blind Coding Challenge	IEEE-CIS Student's Chapter,	24-10-2024	48
54	Administrative Meeting	IEEE-CS	16-10-2024	50
54	Coding and Debugging Platforms	IEEE-CS	18-10-2024	26
54	Computer Charades	IEEE-CS	23-10-2024	48
54	Blind Coding Challenge	IEEE-CS	24-10-2024	45
55	Machine Learning with MATLAB	IEEE GPREC Sensors Council	02-11-2024	86
56	Smart Agriculture using IoT	IEEE GPREC Sensors Council	15-11-2024	11
57	Ansys HFSS Millimeter and THz Antenna Design Exhibition	IEEE MTT Soc	11-11-2024	35

58	THz Antennas to the Future: HFSS Antenna Design Mastery	IEEE MTT Soc	08-11-2024	15
59	Training on VTools to New Excoms	IEEE MTT Soc	04-11-2024	9
60	Eyes in the Sky: Precision Drone Navigation	IEEE MTT Soc	23-11-2024	15
61	Design Challenges in Microstrip Patch Antennas for 5G/6G	IEEE MTT Soc	28-10-2024 to 09-11-2024	36
62	Tech Trivia	IEEE-CS	08-11-2024	29
63	Knack Challenging	IEEE-CIS Student's Chapter,	05-11-2024	22
64	Next Gen Crypto Talks	IEEE-CIS Student's Chapter,	07-11-2024	19
65	ElevateX	IEEE-CIS Student's Chapter,	12-11-2024	40
66	Origami	IEEE-CIS Student's Chapter,	14-11-2024	10
67	Swasakthi - "Spark Your Spirit, Shine with Strength!"	IEEE SB, PELS, WIE AG & Women's Cell	06-12-2024 to 07-12-2024	60
68	Period Love, Live Green	IEEE PELS, WIE AG & Women's Cell	07-12-2024	120
69	IEEE Inspire: Bridging Technology & Talent	IEEE PELS/PES/IAS SBC	20-12-2024	49
70	Engineer the Future: Alumni Insights	IEEE PELS/PES/IAS SBC	21-12-2024	45
71	Knowledge Knockout	IEEE PELS/PES/IAS SBC	27-12-2024	42

PLACEMENT DETAILS - 2025 Batch

S. No.	Organisation	U.G. Course									Total	Salary Offered (Per Annum)
		CSE	CST	CSB	CSM	CSD	ECE	EEE	ME	CE		
1	Asset Sense	1									1	8.00
2	LTI Mindtree	31	9	3	12	7	8	2	1		73	4.05
3	CTS (GenC Next)	7	1		1		1				10	6.75
	CTS (GenC)	27	9	4	5	3	3	2	1		54	4.02
4	Accenture	44	7	7	15	13	22	7		1	116	4.50
5	Kaptius	4	1	1	1						7	4.00
6	Efftronics	2									2	5.30
7	TCS (Prime)			1							1	9.00
	TCS (Digital)			2							2	7.00
	TCS (Ninja)			13							13	3.36
8	Zelis	9	4	1	3	1	1				19	5.00
9	Trifecta Projects Pvt Ltd.									12	12	3.00
10	Helios Intrix Pvt. Ltd.									2	2	3.00
11	Om Sai Intex Pvt. Ltd.								2	16	18	2.50
12	Wayvo	2									2	4.00
13	Zentree Labs	5									5	4.00
14	BSCPL									2	2	4.00
15	UltraTech Cement									2	2	3.60
	Total No. of Offers	132	31	32	37	24	35	11	4	35	341	



Students who got placed during July - December 2024

SNAPSHOTS OF SOME OF THE EVENTS



Clean Campus Initiative



Awareness Program on Advancements in Agricultural Technologies



Honoring the Adoption of the Indian Constitution



12/09/24 - As a part of Ruby jubilee celebrations Vivekananda study circle organised youth convention on 11th September at college auditorium on the occasion of universal brotherhood day. On this day Vivekananda gave historical speech at the Chicago world religion summit on 11th September 1893. Swamy achintyananda and swamy anupamananda of Ramakrishna mission enlightened the students about swamy vivekananda messages. Students from various colleges from kurnool city participated in this program



The renovated Chairman's Chamber was inaugurated formally on **23rd October 2024.**

Student Editorial and Design Team

U.Swetha Sharon, VII Semester, CE

G Ranga Sri Niketh, V Semester, CSE

M. Sravanthi, IV Semester, ECE

M. Indra prakash, VII Semester, CSBS (ECS)

S.Manoj Kumar, IV Semester, EEE

M. Indra prakash, VII Semester, ME



06/09/24-Hearty congratulations to Dr.N.Kasiviswanath, HoD of CSE for being Honoured as the Best Teacher among the faculty of affiliated colleges of JNTUA University.



5/09/24 - Teachers' day celebrations at GPREC and Sri.G.Nagesh Kumar has been honoured on the occasion.



The Orientation Programme held on **5th & 6th August 2024** for the First year students featured esteemed speakers, including Dr. K. Srinivas (Addl. Director of Medical Education, AP), and Sri K. Raka Sudhakar Rao (Senior Journalist & Social Activist), Sri S. Dhasaratha Rami Reddy (Sr. Divisional Material Manager, Secunderabad Division, SCR), and Sri L. Jaya Chandra Raju (CEO, Mind Your Phantoms).