



G. PULLA REDDY ENGINEERING COLLEGE

NEWS
LETTER

(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.



VOLUME 6



ISSUE 1



JANUARY - JUNE
2025



Sri. P. Subba Reddy
Chairman



Sri. B. Sreenivasa Reddy
Principal



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Editorial Board

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On **26 January 2025**, the 76th Republic Day was celebrated with patriotic fervour on the GPREC campus. The celebrations commenced with the unfurling of the National Flag, followed by the National Anthem and an address emphasizing the values of the Constitution, national unity, and democratic ideals.



On **17 February 2025**, VIGNANAMELA 4.0 was inaugurated by Dr. D. Muralidhar Reddy, IAS, a distinguished alumnus of G. Pulla Reddy Engineering College. The event brought together students, educators, and innovators to promote scientific temper, creativity, and experiential learning through a wide range of science and technology exhibits and activities.





On **30 June 2025**, Sri K. Sridhar, Draughtsman, and Sri R. Nagaraja Kumar, Fitter, of the Department of Mechanical Engineering retired on attaining superannuation. The faculty and staff extended their best wishes and appreciated their dedicated service to the institution.



On **31 May 2025**, Dr. Y. Rajasekhara Gowd, Professor of Mathematics, retired on attaining superannuation. The faculty and staff extended their best wishes and appreciated his dedicated service to the institution.



On **31 May 2025**, Sri P. Padmanabha Reddy, Lab Engineer in the Department of Electronics and Communication Engineering, retired on attaining superannuation. The faculty and staff extended their best wishes and appreciated his dedicated service to the institution.

DEPARTMENT OF CIVIL ENGINEERING

1. Events conducted/ organized:

1. The Department of Civil Engineering organized a technical visit to Tungabhadra Dam and its powerhouse at Hospet, Karnataka on 18-01-2025 for third-year B.Tech students. The technical visit aimed to provide students with practical exposure to the design, operation, and maintenance of large hydraulic structures and hydroelectric power generation systems through a field visit to the Tungabhadra Dam and its powerhouse, thereby bridging the gap between theoretical concepts and real-world engineering practices.
2. As part of the Ruby Jubilee celebrations of the college, the Department of Civil Engineering has constructed a working model of major hydraulic structures at an approximate cost of ₹5,00,000/- in front of Civil Block-I during February, 2025. This model aimed to provide a practical and visual understanding of major hydraulic structures, enhancing students' conceptual knowledge through demonstration-based learning, while showcasing the department's technical capabilities.

2. Skill Up gradation Activities:

a. FDP /Workshops /Conferences /Seminars Attended by Faculty:

S. No	Name of Faculty	Title of the Event	Host Institute	Period
1	Dr. P. Lakshmi Sruthi	FDP on NBA Accreditation and Teaching and Learning in Engineering (NATE)	IISc Bangalore	01-01-2025 to 30-4-2025
2	J. Sravani	FDP on Concrete Technology	IIT Madras	01-01-2025 to 30-4-2025
3	P. Manoj Kumar	FDP on Emerging Wireless Technologies for 6G	CVRCE Hyderabad	06-01-2025 to 10-01-2025
4	J. Sravani	FDP on Emerging Wireless Technologies for 6G	CVRCE Hyderabad	06-01-2025 to 10-01-2025
5	Dr. R. Sushmitha	International Conference on Advances in Computational Mathematics and Applied Physical Sciences-2025	GPREC Kurnool	10-01-2025 to 11-01-2025
6	Dr. R. Sushmitha	International Conference on Advances in Computational Mathematics and Applied Physical Sciences-2025	GPREC Kurnool	10-01-2025 to 11-01-2025
7	C. Balasai	International Conference on Advances in Computational Mathematics and Applied Physical Sciences-2025	GPREC Kurnool	10-01-2025 to 11-01-2025
8	J Sravani	International Conference on Advances in Computational Mathematics and Applied Physical Sciences-2025	GPREC Kurnool	10-01-2025 to 11-01-2025
9	Dr K Chinnapa Reddy	FDP on NEP 2020 Orientation & Sensitization Programme	RIEC Mysore	23-01-2025 to 31-01-2025
10	Dr. B.J.S Vara Prasad	FDP on NEP 2020 Orientation & Sensitization Programme	RIEC Mysore	23-01-2025 to 31-01-2025
11	Dr. T. Chandra Sekhara Reddy	FDP on NEP 2020 Orientation & Sensitization Programme	RIEC Mysore	23-01-2025 to 31-01-2025
12	Dr. E. Sanjeeva Rayudu	FDP on NEP 2020 Orientation & Sensitization Programme	RIEC Mysore	23-01-2025 to 31-01-2025
13	G. Nagesh Kumar	FDP on NEP 2020 Orientation & Sensitization Programme	RIEC Mysore	23-01-2025 to 31-01-2025

14	Dr. E. Sanjeeva Rayudu	A One Day Workshop Program on PhD Planning – Step by Step Guide (Part 1: Title Selection)	Sai Synergy Research Consultancy, Hyderabad.	23-04-2025
15	Dr. T. Sowjanya	FDP on NEP 2020 Orientation & Sensitization Programme	RIEC Mysore	23-01-2025 to 31-01-2025
16	V.K. Visweswara Rao	FDP on NEP 2020 Orientation & Sensitization Programme	RIEC Mysore	23-01-2025 to 31-01-2025
17	Dr. P. Lakshmi Sruthi	FDP on NEP 2020 Orientation & Sensitization Programme	RIEC Mysore	23-01-2025 to 31-01-2025
18	Dr. R. Sushmitha	FDP on NEP 2020 Orientation & Sensitization Programme	RIEC Mysore	23-01-2025 to 31-01-2025
19	Y. Yashwanth Kumar	FDP on NEP 2020 Orientation & Sensitization Programme	RIEC Mysore	23-01-2025 to 31-01-2025
20	S.V. Garata Reddy	FDP on NEP 2020 Orientation & Sensitization Programme	RIEC Mysore	23-01-2025 to 31-01-2025
21	M. Santhosh Kumar	Workshop on Systems Engineering Summit	SRM University, AP	23-01-2025 to 24-01-2025
22	P. Manoj Kumar	FDP on NEP 2020 Orientation & Sensitization Programme	RIEC Mysore	23-01-2025 to 31-01-2025
23	C. Balasai	FDP on NEP 2020 Orientation & Sensitization Programme	RIEC Mysore	23-01-2025 to 31-01-2025
24	J. Sravani	FDP on NEP 2020 Orientation & Sensitization Programme	RIEC Mysore	23-01-2025 to 31-01-2025
25	N.G. Kalyani	FDP on NEP 2020 Orientation & Sensitization Programme	RIEC Mysore	23-01-2025 to 31-01-2025
26	Dr E. Ganesh	FDP on NEP 2020 Orientation & Sensitization Programme	RIEC Mysore	23-01-2025 to 31-01-2025
27	Dr. R. Sushmitha	8th International Antalya Scientific Research and Innovative Studies Congress	IKSAD, Turkey	25-01-2025 to 27-01-2025
28	Dr. R. Sushmitha	8th International Antalya Scientific Research and Innovative Studies Congress	IKSAD, Turkey	25-01-2025 to 27-01-2025
29	Dr. K. Tharani	FDP on Applications of Python and R Programming in Engineering, Science and Management	NIT Warangal	27-01-2025 to 31-01-2025
30	M. Santhosh Kumar	FDP on NEP 2020 Orientation & Sensitization Programme	NIT WARANGAL.	01-02-2025 to 08-02-2025
31	M. Hemanth Kumar	FDP on NEP 2020 Orientation & Sensitization Programme	NIT Warangal	01-02-2025 to 08-02-2025
32	Dr. T. Sowjanya	One Week Workshop on Safe System Perspective on Vulnerable Road Uses in INDIA	NIT Warangal	03-02-2025 to 07-02-2025
33	Dr. R. Sushmitha	Workshop Program on Safe System Perspective on Vulnerable Road Uses in INDIA	NIT Warangal	03-02-2025 to 07-02-2025
34	M. Hemanth Kumar	FDP on Emerging Trends in IT – 2025	GPREC Kurnool	03-02-2025 to 07-02-2025
35	Dr. K. Tharani	FDP on Applications of MATLAB in civil engineering	SRGEC & NIT Warangal	17-02-2025 to 27-02-2025
36	C. Balasai	FDP on Applications of MATLAB in civil engineering	SRGEC & NIT Warangal	17-02-2025 to 27-02-2025

37	E. Ganesh	GIAN Course on Performance Based Seismic Design for Functional Recovery	MNIT Jaipur.	03-03-2025 to 07-03-2025
38	Y. Yashwanth Kumar	2 Week FDP on DATA SCIENCE	Swayam Plus Online, Skill Desire	17-03-2025 to 31-03-2025
39	E. Ganesh	FDP on Data Science	Skill Dezire.	17-03-2025 to 31-03-2025
40	Dr. B.J.S Vara Prasad	One Day Workshop on AI/ML methods and applications in Water Resources and Environmental	BITS - PILANI, Hyderabad	22-03-2025
41	Dr. P. Lakshmi Sruthi	Workshop on AI/ML methods and applications in Water Resources and Environmental	BITS - PILANI, Hyderabad	22-03-2025
42	Y. Yashwanth Kumar	Workshop on AI/ML methods and applications in Water Resources and Environmental	BITS - PILANI, Hyderabad.	22-03-2025
43	M. Hemanth Kumar	FSDP on Structural Engineering and Concrete Concepts	PALS	26-03-2025 to 27-03-2025
44	N.G. Kalyani	Workshop on From Literature Review to Research Metrics Synthesising Parameters for Review Papers Thesis and Journal Publications	Sai Synergy Research Consultancy, Hyderabad.	07-04-2025
45	Dr. R. Sushmitha	FDP on NEP 2020 Orientation & Sensitization Programme	RIEC Mysore	21-04-2025 to 30-04-2025
46	N.G. Kalyani	Workshop on Mastering Literature Study a Vital Step to Research Excellence	Sai Synergy Research Consultancy, Hyderabad.	30-4-2025
47	N.G. Kalyani	Workshop on Shaping research objectives and methodology	Sai Synergy Research Consultancy, Hyderabad.	21-05-2025
48	K. Sudhakar Reddy	FDP on Interactive Computing with Augumented and Virtual Reality: Fundamentals and Applications	GPREC Kurnool	02-06-2025 to 06-06-2025
49	M. Hemanth Kumar	FDP on Interactive Computing with Augumented and Virtual Reality: Fundamentals and Applications	GPREC Kurnool	02-06-2025 to 06-06-2025
50	N.G. Kalyani	FDP on Interactive Computing with Augumented and Virtual Reality: Fundamentals and Applications	GPREC Kurnool	02-06-2025 to 06-06-2025
51	Dr. E. Ganesh	FDP on Interactive Computing with Augumented and Virtual Reality: Fundamentals and Applications	GPREC Kurnool.	02-06-2025 to 06-06-2025

b. NPTEL/NITTT/Other Certification course Completed by Faculty:

NPTEL Course				
S. No	Name of Faculty	Name of The Course	Duration	Period (Month - Month, Year)
1	Dr P Lakshmi Sruthi	NBA Accreditation and Teaching and learning in Engineering - NATE	12 Week	Jan to April, 2025
2	J. Sravani	Concrete Technology	12 Week	Jan to April, 2025
NITTT Module				

1	Dr P Lakshmi Sruthi	Module - 4: Instructional Planning and Delivery	16 Weeks	November to February, 2025
2	Dr P Lakshmi Sruthi	Module - 5: Technology Enabled learning and Life Long Self Learning	16 Weeks	Jan to April, 2025

3. Faculty Publications:

Journals					
S. No	Author	Title	Name of the Journal	Indexing	Month, Year
1	NG Kalyani	Assessment of Flood Flow Using HEC-HMS Software	Materials Research Proceedings	Scopus	January, 2025
2	Prof. K. Chinnapa Reddy	Efficacy of Geosynthetic Reinforcement in soil proximate to Sinkhole-Formed Areas in the Kadapa Region: A comprehensive Study	Atlantis Press	Scopus	March, 2025
3	Prof. BJS Varaprasad	Prediction and Optimization of Cementitious Composites using Machine Learning Algorithms	Atlantis Press	Scopus	March, 2025
4	Prof. T. Chandra Sekhara Reddy	Efficiency of Electric Arc Furnace Slag as Chloride Ingression Reduction Material in Concrete	Atlantis Press	Scopus	March, 2025
5	Prof. KVS Gopala Krishna Sastry	Influence of nano titanium dioxide on strength and durability of ambient-cured GGBS-based geopolymer concrete	Atlantis Press	Scopus	March, 2025
6	Dr. E. Sanjeeva Rayudu	Curb the Growing Menace of Traffic Problems in Kurnool City	Atlantis Press	Scopus	March, 2025
7	Dr. P. Lakshmi Sruthi	Soil Stabilization Using Plastic Waste and Geosynthetic Fibre	Atlantis Press	Scopus	March, 2025
8	Dr. P. Lakshmi Sruthi	Effect of Different Exposure Conditions on Alkali Contaminated Kaolinitic Clays: A Micro Level Investigation	Lecture Notes in Civil Engineering	Scopus	March, 2025
9	Dr. R. Sushmitha	Effect of Countdown Timer on Acceleration - Deceleration Rates of Different Vehicle Types at Signalized Intersections	Atlantis Press	Scopus	March, 2025
10	Dr. R. Sushmitha	Comparative Analysis of Passenger Car Unit Estimation Methods for Multilane Divided Highways	Atlantis Press	Scopus	March, 2025
11	Dr. R. Sushmitha	Influence of Horizontal Curves on Speeds of Different Vehicle Categories	Atlantis Press	Scopus	March, 2025
12	P. Eswanth	Investigating the Mechanical Properties of High-Strength Concrete with Partial Substitution of Metakaolin for Cement	Atlantis Press	Scopus	March, 2025

13	P. Eswanth	Comparing the Area of a Plain Land With Drone Survey and DGPS	Atlantis Press	Scopus	March, 2025
14	J Sravani	Experimental Study on Fly Ash-Based Geo Polymer Concrete Using Bentonite and Gypsum	Atlantis Press	Scopus	March, 2025
15	Dr. E. Ganesh	Mechanical Hindrance Second Order Problems Through Novel Approach	World Journal of Advanced Engineering Technology and Sciences	Google Scholar	March, 2025
16	Dr. E. Ganesh	Structural Obstacle Eighth Order Problem: Magnificent Synthesis Appraisal Over Advanced Approach	World Journal of Advanced Engineering Technology and Sciences	Google Scholar	March, 2025
17	Dr. E. Ganesh	Assessment of the mechanical attributes via mathematical Simulations for distinct sizes of morsel rubber	International of Journal of Science and Research Archive	Google Scholar	March, 2025
18	C Bala Sai	Experimental Investigation on Strength and Longevity of High-Performance Concrete Treated with Natural Rubber Latex	Journal of Propulsion Technology	Scopus	April, 2025
19	Dr. E. Sanjeeva Rayudu	Development and Evaluation of Land Layout using Drone Technology	Journal of Civil and Construction Engineering	Google Scholar	May, 2025
20	M Hemanth Kumar	Plotting of Land by Drone Surveying	International Journal of Advanced Research in Science, Communication and Technology	Google Scholar	May, 2025
21	Y. Yaswanth Kumar	A Review on Hazard Assessment Framework About Flood and Drought Risk Management	Geological Journal	SCIE	June, 2025
22	J. Sravani	Experimental Investigation on Geopolymer Concrete for Sustainable Construction	Journal of Neonatal Surgery	Google Scholar	June, 2025
Book Chapters					
S. No	Author	Title	Name of the book	Publisher	Month, Year
1	J. Sravani	Strength Performance of Light Weight Concrete Containing Steel Fibres and Silica Fume	Sustainable Materials, Structures and IOT	Taylor and Francis	02-01-2025
2	NG Kalyani	Effect of Flaky Aggregates on the Strength and Workability of Concrete	13th International Mardin Artuklu Scientific Researches Conference	Liberty Publishing House	05-02-2025
3	NG Kalyani	Study on Compressive Strength of Quarry Dust as Fine Aggregate in Concrete	14th International Mardin Artuklu Scientific Researches Conference	Liberty Publishing House	06-02-2025
4	Dr. R. Sushmitha	Application of Automated Road Inventory Data in Road Asset Management	8th International Antalya Congress on Scientific Research and Innovative Studies	IKSAD Publications	20-02-2025

5	Dr. R. Sushmitha	Correlation Between In-Situ Resilient modulus and Laboratory Resilient Modulus	8th International Antalya Congress on Scientific Research and Innovative Studies	IKSAD Publications	20-02-2025
6	C Bala Sai	Analysis of Admixtures for concrete	8th International Antalya Congress on Scientific Research and Innovative Studies	IKSAD Publications	20-02-2025
7	NG Kalyani	Performance of Compressive Strength For Recycled Concrete With Replacement of Fly Ash With Cement And Marble dust to Coarse Aggregate in Fresh Concrete	1st International Cyprus Congress of Scientific Research	IKSAD Publications	15-04-2025
8	J Sravani	Design and Cost Estimation of Iconic Steel Roof Structure over an Oper-Air Theatre and Stage	3rd International Gaziantep Scientific Research Congress	IKSAD Publications	24-04-2025
9	P. Manoj Kumar	Evaluation of Seismic Behaviour of Buckling Restrained Braces in Reinforced Concrete Structures	3rd International Gaziantep Scientific Research Congress	IKSAD Publications	24-04-2025
10	C Bala Sai	An Investigation of the Durability of Cementless Concrete and Geopolymer Concrete	7th International Congress on Contemporary Scientific Research	Liberty Publishing House	15-05-2025
11	NG Kalyani	Comparative Studies of Various Techniques using MRI Images for Brain Tumor Detection using Image Processing	International Yildiril Bayezid Scientific Research and Innovation Symposium I	Liberty Academic Publishers	30-05-2025
12	NG Kalyani	Design of Structure to Sustain Seismic Damage	International Yildiril Bayezid Scientific Research and Innovation Symposium I	Liberty Academic Publishers	30-05-2025
13	C Bala Sai	Study of the Mechanical Properties of Concrete by Partial Replacement of Aggregates with Ceramic Waste	11 Uluslarrarasi Gobeklitepe Bilimsel Calismalar Kongesi	IKSAD Publications	30-05-2025
14	C Bala Sai	Artificial Intelligence in Concrete Mix Design: Process, Uses and Difficulties	International Yildiril Bayezid Scientific Research and Innovation Symposium I	Liberty Academic Publishers	30-05-2025
15	C Bala Sai	Technology for Sustainable Concrete	17 th International Conference on Engineering and Natural Sciences	Liberty Academic Publishers	16-06-2025
16	C Bala Sai	An Investigation of the Impact of Pilishing Industrial Waste on the Compressive Strength of Concrete	International Conference on Advances in Computational Mathematics and Applied Physical Sciences	-	20-06-2025
17	J Sravani	Characteristic Analysis of the Shanthiram Sewage water treatment plant at Nandyal	International Conference on Advances in Computational Mathematics and Applied Physical Sciences	-	20-06-2025

18	P Manoj Kumar	An experimental investigation of the engineering behaviour of stabilizing soil with partial substitution of the lime and GGBS	International Conference on Advances in Computational Mathematics and Applied Physical Sciences	-	20-06-2025
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4. Faculty Achievements:

Dr. E. Ganesh, Assistant Professor was awarded his Doctor of Philosophy (Ph.D) degree on the topic “**Appraisal of Structural Dynamics Nonlinear Mathematical Model Enhancement using Novel Technique**” from Malaviya National Institute of Technology, Jaipur on 02-05-2025.

5. New faculty Recruited:

S.No	Names of Faculty	Designation	Qualification	Photo
1	Dr. D. Sreenivasulu	Assistant Professor	Ph. D	
2	Dr. K.V. Siva Krishna Reddy	Assistant Professor	Ph. D	

6. Up gradation of Lab Equipment: (give details along with photographs)

For the Geotechnical Engineering Laboratory, Digital Tri-axial setup was procured during March 2023 at a cost of ₹6,21,324/-, under the supervision of Lab In-charge, Sri. S.V.Garata Reddy, Assistant Professor, CED





1. **Format for reporting workshops/Conferences/ seminars attended by students**

S.No	Author(s)	Workshop/Conference /Seminar attended	Venue (Organizing Institution)	Period
1	K.Madhu Kiran	National Concrete Canoe Championship-CANOE Artisans	Shri Vishnu Engineering College for Women	19-02-2025
2	B Anitha Satyavathi			
3	M Anjali			
4	M Mani Karnika			
5	G Krupakar			
6	A Hemanth Kumar			
7	V Vijay Kumar			
8	M Tajammul Hussain			
9	M Viswanath			
10	B Tejeswarudu			
11	F Mohammed Firoz			
12	C Prashanth			
13	M Tejasree			
14	I Salmon Raju			
15	K Manohar			
16	F Mohammed Fairoz	TRACE-2K25 Model Making	RGM College of Engineering and Technology	03 to 04-03-2025
17	M Tajammul Hussain	TRACE-2K25 Poster	RGM College of Engineering and Technology	03 to 04-03-2025
18	M Tajammul Hussain			
19	F Mohammed Fairoz	TRACE-2K25 Spotify Vibes	RGM College of Engineering and Technology	03 to 04-03-2025
20	P.Chinna Babu	TRACE-2K25 Quiz	RGM College of Engineering and Technology	03 to 04-03-2025
21	P.Chinna Babu	TRACE-2K25 Layout Marking	RGM College of Engineering and Technology	03 to 04-03-2025
22	P.Chinna Babu			
23	G.Vinay kumar			

2. **Papers Presented by Students:**

S.No.	Name of the Student	Title of the Paper	Name of the Conference /Seminar	Venue (Organizing Institution)	Period
24	M Tajammul Hussain	Light Weight Concrete Canoe	TRACE-2K25	RGM College of Engineering and Technology	03 to 04-03-2025
25	A Hemanth Kumar				
26	F Mohammed Fairoz				
27	G.Vinay kumar				

3. Student Achievements:

- a. Mr.K.Rohith Reddy (Roll. No: 219X1A0168) of IV B.Tech has represented the JNTUA **Hand Ball (Men)** team in the **South Zone Tournament** held at Periyar University, Salem from 28-02-2025 to 04-03-2025 and secured **2nd position**
- b. P Supriya (Roll. No: 219X1A0127), M Poojitha (Roll. No: 219X1A0124), U Swetha Sharon (Roll. No: 219X1A0135) of IV B.Tech, have undergone End Semester Internship at Indian Institute of Technology (**IIT**), **Bhubaneswar** during VIII semester of 2024-25.

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

1. Events conducted/ organized:

- The Department of CSE organized 5-DAY online FDP on "EMERGING TRENDS IN IT-2025 from 03-02-2025 to 07-02-2025.

2. Skill Up gradation Activities:

a. FDP /Workshops /Conferences /Seminars Attended by Faculty:

S. No	Name of Faculty	Title of the Event	Host Institute	Period
1.	M. Dhana Lakshmi	A Five Days FDP on Emerging Innovations and Modern Data Analytics Applications	MGIT Hyderabad	20-01-2025 to 24-01-2025
2.	P. Sri Lakshmi	A Five Days FDP on Emerging Innovations and Modern Data Analytics Applications	MGIT Hyderabad	20-01-2025 to 24-01-2025
3.	Y. Supriya Reddy	A Five Days FDP on Emerging Innovations and Modern Data Analytics Applications	MGIT Hyderabad	20-01-2025 to 24-01-2025
4.	T. Swathi	A Five Days FDP on Emerging Innovations and Modern Data Analytics Applications	MGIT Hyderabad	20-01-2025 to 24-01-2025
5.	D. Sowmya	A Five Days FDP on Emerging Innovations and Modern Data Analytics Applications	MGIT Hyderabad	20-01-2025 to 24-01-2025
6.	B. Swathi	A Five Days FDP on Emerging Innovations and Modern Data Analytics Applications	MGIT Hyderabad	20-01-2025 to 24-01-2025
7.	P. Sunandha	A Five Days FDP on Emerging Innovations and Modern Data Analytics Applications	MGIT Hyderabad	20-01-2025 to 24-01-2025
8.	M. Shasidhar	A Five Days FDP on Emerging Trends in IT- 2025	G.Pullu Reddy Engineering College,Kurnool	03-02-2025 to 07-02-2025
9.	C. Ratna Prabha	A Five Days FDP on Emerging Trends in IT- 2025	G.Pullu Reddy Engineering College,Kurnool	03-02-2025 to 07-02-2025
10.	Y. Supriya Reddy	A Five Days FDP on Emerging Trends in IT- 2025	G.Pullu Reddy Engineering College,Kurnool	03-02-2025 to 07-02-2025
11.	D. Sowmya	A Five Days FDP on Emerging Trends in IT- 2025	G.Pullu Reddy Engineering College,Kurnool	03-02-2025 to 07-02-2025
12.	T. Swathi	A Five Days FDP on Emerging Trends in IT- 2025	G.Pullu Reddy Engineering College,Kurnool	03-02-2025 to 07-02-2025

13.	B. Swathi	A Five Days FDP on Emerging Trends in IT- 2025	G.Pulla Reddy Engineering College,Kurnool	03-02-2025 to 07-02-2025
14.	P. Sunandha	A Five Days FDP on Emerging Trends in IT- 2025	G.Pulla Reddy Engineering College,Kurnool	03-02-2025 to 07-02-2025
15.	Y. Mahanandi	A Five Days FDP on Emerging Trends in IT- 2025	G.Pulla Reddy Engineering College,Kurnool	03-02-2025 to 07-02-2025
16.	K. Sirisha	A Five Days FDP on Emerging Trends in IT- 2025	G.Pulla Reddy Engineering College,Kurnool	03-02-2025 to 07-02-2025
17.	L. Sudha Rani	A Seminar on UNT – GPREC Collaboration	University of North Texas(Online)	17-06-2025
18.	Sri B. Thimma Reddy	A Seminar on UNT – GPREC Collaboration	University of North Texas(Online)	17-06-2025
19.	Dr. K. Kavitha	A Seminar on UNT – GPREC Collaboration	University of North Texas(Online)	17-06-2025

3. Faculty Publications:

Journals					
S. No	Author	Title	Name of the Journal	Indexing	Month, Year
1	B. Thimma Reddy	"An Optimized Genetic Neural Network for Brain Tumor Detection"	Journal of Information Systems Engineering and Management.	Scopus	Feb-2025
2	K. Sudhakar	"An optimised CNN-stacked LSTM neural network model for predicting stock market time-series data"	Inderscience Publications	Scopus	April-2025
3	B. Swathi	Improving the Quality of Service by Enhancing the Network Lifetime in Wireless Multimedia Sensor Networks"	International Journal of Computer Information Systems and Industrial Management Applications	Scopus	April 2025
4	C. Sreedhar	"Predicting Steering Angle in Autonomous Driving Systems using Deep Learning"	https://doi.org/10.2991/978-94-6463-662-8_46	Scopus	June-2025

Conferences					
S. No	Author	Title	Name of the Conference	Held at	Month, Year
1.	P. Rama Rao	"Natural Language based tool for Profile Ranking"	International Conference on Advances in Computational Mathematics and Applied Physical Sciences(ICACMAPS 2025)	GPREC, Kurnool	January 2025
2	Y. Mahanandi	Rating Prediction of Google Play Store Apps by using Machine Learning	Research Conclave 2025	Siddhartha Academy of Higher Education, Vijayawada	January 2025
3	Y. Mahanandi	“Real-Time Identification of Medicinal Plants using Deep Learning Techniques”	IEEE International Conference on Sentiment Analysis and Deep Learning (ICSADL 2025)	Far Western University in Bhimdatta, Nepal	February 2025
4	B. Swathi	" ML-Driven Predictive Analytics for Effective Hiring Under HR Practices”	International Conference on Advanced Materials, Manufacturing and Sustainable Development	GPREC, Kurnool	March- 2025
5	B. Swathi	“Enhancing real-time IoT Applications in Cloud Communication Networks through Adaptive Intelligent Routing and Secure Data Transmission”	Conference	Stam Ford International University, Bangkok	March- 2025
6	B. Swathi	“Edge-Centric IoT Health Monitoring: Optimizing Real-Time Responsiveness, Data Privacy, and Energy Efficiency”	International Conference on Mobile Computing and Sustainable Informatics (ICMCSI- 2025) IEEE Xplore	Purdanchan University, Nepal.	March- 2025
7	P. Sri Lakshmi	Real-Time IoT Cybersecurity using Machine Learning-based AI Threat Detection System to Train Generative Robots	2025 5th International Conference on Trends in Material Science and Inventive Materials (ICTMIM)IEEE International Conference	Rohini College of Engineering & Technology, Kanyakumari	June - 2025

4. Faculty Achievements:

- R. Sandeep Kumar, Assistant Professor of CSE Department , G Pulla Reddy Engineering College has published a patent on "A Deep Learning Framework for Real Time Skin Lesion Detection and Classification" with an Application Number 202441101969 on 10th January 2025.
- Dr. B. Santhosh Kumar, Associate Professor of CSE Department , G Pulla Reddy Engineering College has published a patent on "ARTIFICIAL INTELLIGENCE POWERED FRAUD DETECTION SYSTEM FOR ENHANCING SECURITY IN CRYPTOCURRENCY EXCHANGES" with an application number 202541001629 on 17th January 2025.
- A group of 30 faculty members from the CSE Department attended a 9-day National Level Faculty Development Programme titled “NEP 2020 Orientation & Sensitization Programme”, held from 23 to 31 January 2025. The programme was organized by the Malaviya Mission Teacher Training Programme (MM-TTP) under the University Grants Commission (UGC).
- In March 2025, 25 faculty members successfully participated in a Faculty Development Programme organized by SkillDzire, and each received a certificate upon completion of the programme
- Y. Supriya Reddy, Assistant Professor of CSE Department, G Pulla Reddy Engineering College has published a patent on “AI DRIVEN DEFECT PREDICTION FRAMEWORK WITH INTEGRATED CODE QUALITY AND RUNTIME ANALYSIS” with an Application Number 202541049277 on 20/06/2025.
- Dr. K .Ishtaq Ahamed, Associate Professor of CSE, G Pulla Reddy Engineering College was awarded with "Best Student Branch Counselor Faculty Award" by Computer Society of India (CSI), Hyderabad Chapter which was conducted at AVENSIS CSI Regional Convention 2K25 on 21st June, 2025 held at the Anurag University Campus, Hyderabad.

5. New faculty Recruited:

S.No	Name of the Faculty	Designation	Qualification	Photo
1	M. Lakshmi Prasanna	Assistant Professor	M.Tech(Ph.D)	
2	M. Haritha	Assistant Professor	M.Tech(Ph.D)	

1. **Student Achievements:**

- G.Ranga Sri Nihitha of CSE Department, G Pulla Reddy Engineering College has completed the internship “Large Language Models and Agentic AI Systems,fostering foundational and applied skills” in University of North Texas,Data Science remote internship Program 2025.

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

1. Events conducted/ organized:

1. The Department of ECE organized a three-day national-level tech fest “WAVE FRONT – 2K25” from 23rd to 25th January 2025.
2. The Department of ECE organized project demonstrations for the technical exhibition as part of the Ruby Jubilee celebrations from 17th to 19th February 2025
3. The Department of ECE organized an outreach program on “AI and IoT” (Rounds 1, 2, and 3) from 6th to 9th January and on 28th February 2025.
4. The Department of ECE organized a one-day session on “Crafting Creativity: The Art of Poster Making” on 7th March 2025.

2. Skill Up gradation Activities:

a.NPTEL/ NITTT/ Other Certification course Completed by Faculty:

S.No	Name of the faculty	Name of the Course passed	Course offered by(agency)	Period &Grade Obtained if any
1.	Dr. S.M. Shamsheer Daula	A 12 Week AICTE Swayam NPTEL course on High Performance Scientific Computing	IIT, Bombay	January - April 2025
2.	Dr. G. Ramesh	A 12 Week AICTE Swayam NPTEL course on High Performance Scientific Computing	IIT, Bombay	January - April 2025
3.	Sri Surya Prakash Reddy	An 8 week NPTEL course on Research Methodology	IIT Madras	January to March 2025
4.	Smt K Lakshmi Devi	A 12 week NPTEL course on Computer Vision and Image Processing	IIT Guwahati	January to April 2025
5.	Smt K Lakshmi Devi	An 8 week NPTEL course on Research Methodology	IIT Madras	January to March 2025
6.	Smt K Lakshmi Devi	A 12 week NPTEL course on Machine Learning for Engineering and Science Applications	IIT Madras	January to April 2025

3. Faculty Publications:

Journals					
S.No	Name of the Faculty	Title of the Paper	Name of the Journal	ISSN and Month/Year of Publication	Indexing
1.	Dr K Suresh Reddy, Smt G Divya Praneetha	Precision Comparator Design for Biomedical ADC Applications	Advances in Engineering Research	https://doi.org/10.2991/978-94-6463-662-8_32 March 2025	Scopus

2.	Dr K Suresh Reddy	Built In Self Test for Random pattern Generator International Journal of Creative	Research Thoughts(IJCRT)	,May2025	UGC
3.	Dr S Nagaraja Rao, Smt A Parvathi	A Review on Low Power Optimized Adders Using Nano Field Effect Transistors	Advances in Engineering Research	https://doi.org/10.2991/978-94-6463-662-8_58 March 2025	Scopus
4.	Dr S Nagaraja Rao	Design and Implementation of search and rescue drones	International Journal of Creative Research Thoughts(IJCRT)	,May2025	UGC
5.	Dr S Nagaraja Rao	Delivery Drones: The Future of Logistics	International Journal of Creative Research Thoughts(IJCRT)	May2025	UGC
6.	Dr P Abdul Khayum	Malicious data injection detection and prediction in wireless sensor network using improved swarm intelligence	International Journal of Creative Research Thoughts(IJCRT)	May2025	UGC
7.	Dr P Abdul Khayum	Vehicle blackbox system for accident analysis using IOT	International Journal of Creative Research Thoughts(IJCRT)	,May2025	UGC
8.	Dr S Saheb Basha, Smt C Rajeswari	Detection of SSDF Attack in Cooperative CR Networks with Machine Learning approach	Advances in Engineering Research	https://doi.org/10.2991/978-94-6463-662-8_82 March 2025	Scopus
9.	Dr S Saheb Basha	Automated segmentation of Retinal blood vessels using optimised GABOR filter with local entropy thresholding P-ISSN : 2349-5138	International Journal of Research and Analytical Reviews(IJRAR)	April 2025	UGC
10.	Dr S Saheb Basha	IoT based smart water flow and pipeline monitoring system using Node MCU ,Ultrasonic and water flow sensors	International Journal of Research and Analytical Reviews(IJRAR)	April 2025	UGC
11.	Dr S M Shamsheer Daula	Parameters Optimization of Compact UWB-MIMO Antenna with WLAN Band Rejection for Short Distance Wireless Communication	IETE Journal of Research	https://doi.org/10.1080/03772063.2025.2483933 April 2025	SCI
12.	Dr S M Shamsheer Daula	Energy-Efficient Contention-Free 25-Transistor Single-Phase Clocked Flip-Flop in 90nm CMOS	International Journal of Innovative Research In Technology	ISSN: 2349-6002, April 2025	UGC
13.	Dr S M Shamsheer Daula	IoT based Smart Blood Bank Management System	International Journal of Innovative Research In Technology	ISSN: 2349-6002, April 2025	UGC

14.	Dr G Amjad Khan, Dr. M Madhusudhan Reddy, Dr R Sudheer Babu, Smt K Laskhmi Devi	Detection and Analysis of Diabetic Retinopathy Using Machine Learning	Advances in Engineering Research	https://doi.org/10.2991/978-94-6463-662-8_22 March 2025	Scopus
15.	Dr R Sudheer Babu	Drowning Detection Device Using ESP8266	IJCRT (International Journal of Creative Research Thoughts)	April 2025	UGC
	Dr S Vyshali, Dr T. Swathi, Smt W Yasmeen, Smt A Parvathi	Picture Encoding and Decoding Using AES Algorithm	Advances in Engineering Research	https://doi.org/10.2991/978-94-6463-662-8_59 March 2025	Scopus
16.	Dr G Ramesh	A Survey on Privacy Preservation in Fog-Enabled Internet of Things	Advances in Engineering Research	https://doi.org/10.2991/978-94-6463-662-8_62 March 2025	Scopus
17.	Dr G Ramesh	A novel eye disease segmentation and classification model using advanced deep learning network	Biomedical Signal Processing and Control	1746-8094/© 2025 Elsevier, https://doi.org/10.1016/j.bspc.2025.107565 February 2025	SCI
18.	Dr G Ramesh	COMMUNICATION IN BLACK SPOTS USING LORA, in	Journal of Emerging Technologies and Innovative Research,	May 2025	UGC
19.	Dr G Ramesh	IoT based remote health monitoring and automatic medicine dispensing system for rural areas	Journal of Emerging Technologies and Innovative Research (JETIR)	May 2025	UGC
20.	Smt K Udaya Kiran, Dr T Swathi, Smt W Yasmeen	Maximizing Mutual Information: Optimal Keypoint Selection using Golf Optimizer for Improved Multimodal Image Registration	Advances in Engineering Research	https://doi.org/10.2991/978-94-6463-662-8_16 March 2025	Scopus
21.	Dr T Sarath Babu	Energy-Efficient Contention- Free 25-Transistor Single- Phase Clocked Flip-Flop in 90nm CMOS,	International Journal of Innovative Research In Technology	April 2025	UGC
22.	Dr T Sarath Babu	IoT based Smart Blood Bank Management System	International Journal of Innovative Research In Technology,	April 2025	UGC

23.	Dr L Lakshmi Prasanna Kumar	Improving the preform efficiency of village pond cleaner using arduino basics of Bluetooth controlled processes	International Journal of Creative Research Thoughts(IJCRT)	May2025	UGC
24.	Dr L Lakshmi Prasanna Kumar	Power Efficient Synchronous Counter design,	International Journal of Innovative Research In Technology,	April 2025	UGC
25.	Smt W Yasmeen, Dr S Vyshali, , Dr T Swathi, Smt K Udaya Kiran, Y Siva Sai, P Reddaiah	Smart Farming Solution: Integrating IoT, Cloud Services, and Direct Messaging for Enhanced Agricultural Management	Advances in Engineering Research	https://doi.org/10.2991/978-94-6463-662-8_19 March 2025	Scopus
26.	Dr P C Praveen Kumar, Sri K Ramakrishna, Sri I V Rameswar Reddy, Dr J ST Thilagam	Design and Simulation of U-Shaped slot Wearable RMSA Antenna with different Flexible Substrates Materials for Health Monitoring System	Advances in Engineering Research	https://doi.org/10.2991/978-94-6463-662-8_56 March 2025	Scopus
27.	Smt D Rohini	Power Optimized Carry Select Adder Using Reversible Logic Gates	Advances in Engineering Research	https://doi.org/10.2991/978-94-6463-662-8_63 March 2025	Scopus
28.	Smt G Divya Praneetha	Drone-Based Event Monitoring, Management, And Audio Surveillance System	, IJCRT (International Journal of Creative Research Thoughts),	April 2025,	UGC
29.	Smt G Divya Praneetha	Smart Refrigerator with AIoT	International Journal of Creative Research Thoughts(IJCRT)	May2025	UGC
30.	Sri I V Rameswar Reddy	Artificial Intelligence and Internet of Things for smart farming and Smart Agriculture using AWS	International Journal of Creative Research Thoughts(IJCRT)	April2025	UGC
31.	Sri S Ramesh Babu	Fake Pancard Detection Using Machine Learning	International Journal of Creative Research Thoughts(IJCRT)	May2025	UGC
32.	Sri P Surya Prakash Reddy	Smart Display for safe overtaking and accident prevention	International Journal of Innovative Research In Technology , IJIRT	May2025	UGC
Conferences					

33.	Dr K Suresh Reddy, Smt G Divya Praneetha	Comparator Design for High-Resolution Biomedical ADCs: Comprehensive Review	A Two Day International Conference on Advances in Computational Mathematics and Applied Physical Sciences (ICACMAPS-2025)	Organized by Department of Humanities and Basic Sciences, GPREC(A), Kurnool	10 th & 11 th January 2025
34.	Dr S Nagaraja Rao, Smt A Parvathi, Smt C Rajeswari, Smt K Lakshmi Devi	VLSI baesd Electronic Voting Machine with Biometric Authentication	A Two Day International Conference on Advances in Computational Mathematics and Applied Physical Sciences (ICACMAPS-2025)	Organized by Department of Humanities and Basic Sciences, GPREC(A), Kurnool	10 th & 11 th January 2025
35.	Dr S M Shamsheer Daula, Dr G Ramesh	A Sustainable Approach of Foot Press Based Power Generation for Energy Harvesting using Intelligent Control Systems	A Two Day International Conference on Advances in Computational Mathematics and Applied Physical Sciences (ICACMAPS-2025)	Organized by Department of Humanities and Basic Sciences, GPREC(A), Kurnool	10 th & 11 th January 2025
36.	Dr GV R Sagar	A Review of Optiization of Floor planning based on Machine Learning Algorithms in VLSI	A Two Day International Conference on Sustainable Electrical Engineering and Intelligent Systems (ICEEIS- 2025)	SVCE, Tirupathi	10th & 11th March 2025
37.	Dr G Amjad Khan, Smt K Lakshmi Devi, Sri M Devendra, Smt A Pravathi	Image Captioning with CNN and RNN architectures	A Two Day International Conference on Advances in Computational Mathematics and Applied Physical Sciences (ICACMAPS-2025)	Organized by Department of Humanities and Basic Sciences, GPREC(A), Kurnool	10 th & 11 th January 2025

38.	Dr R Sudheer Babu, Dr Lakshmi Prasanna Kumar, Dr GAMjad Khan	Modern Trends in Hypospectral Image Analysis : AReview	A Two Day International Conference on Advances in Computational Mathematics and Applied Physical Sciences (ICACMAPS-2025)	Organized by Department of Humanities and Basic Sciences, GPREC(A), Kurnool	10 th & 11 th January 2025
39.	Sri Surya Prakash Reddy	Multigate FET device based static contention free differential flip flop for low voltage and low power applications	A Three Day International Conference on Intelligent Electronics and Applications	Organized by department of ECE, Mohan Babu University	12 th to 14 th March 2025

4. Faculty Achievements:

1. Dr P Abdul Khayum, Professor, has successfully guided the completion of PhD of Smt M Shirisha from JNTUA, Anantapuramu in February 2025.
2. Dr S M Shamsheer Daula, Dr G Amjad Khan, Dr G Ramesh and Dr M Madhusudhan Reddy have authored a book chapter, “An Evaluation Approach towards Dynamic Memory Balancing in IoT Applications through Machine Learning Algorithms”, in the Book titled, Science and Technology: Development and Applications, Vol 4, Edition 1, February 2025.
3. Dr S Nagaraja Rao, Professor, has successfully guided the completion of PhD of Sri T Sarath Babu from K L university, Vijayawada in March 2025.

Sanctioned In-House Projects

1. Dr S Nagaraja Rao, Professor & Associate Head and Dr G Amjad Khan, Associate Professor have been sanctioned with an in-house project titled, “Autonomous Humanoid Robot” in February 2025.
2. Dr S M Shamsheer Daula and Dr G Ramesh, Associate Professor have been sanctioned with an in-house project titled, “AI-based Counter and Efficient Security Monitoring System”, in February 2025.

Ph. D Awarded during 2024-2025

1. Sri P Anil Kumar was awarded with PhD in January 2025, from Sri Venkateswara University, Tirupati.
2. Sri T Sarath Babu was awarded with PhD in March 2025, from KL University Vijayawada.

5. Student Achievements:

1. S.Jagadeeswar (Roll No-229X1A04H5), Sadhu Akash (Roll No-239X5A04M3), J.Lingavardhan Reddy(Roll No- 229X1A04G2) and P.Santhana Naik (Roll No-229X1A04H1) of III year ECE branch have been awarded with Best Innovative Business Ideas award sponsored by Sri Siva Sankara Reddy, alumnus of 1988-92 ECE branch on GPREC college annual day (22/02/2025) for successfully completing the Real time industry project titled “Digital LED Screen” at QTPL, Hyderabad.
2. G.Mahidhar Reddy (Roll No- 239X1A0452) of II year ECE has participated and presented a project titled “Land safe Explorer- A smart robotic landmine detector” in the Technical Exhibition VIGYAN VAIBHAV- 2025 at Gachiblowli stadium, Hyderabad organized by DRDO and The Aeronautical Society of India on 02nd March, 2025.
3. S. Jagadeeswar (Roll No-229X1A04H5), Sadhu Akash (Roll No-239X5A04M3) and J. Lingavardhan Reddy(Roll No- 229X1A04G2) and P. Santhana Naik (Roll No-229X1A04H1) of VI sem ECE branch have successfully submitted the Real time industry project report titled “Digital LED Screen” at Quality Technologies Pvt Ltd (QTPL), Hyderabad, allocated under the PALS on 26-05-2025 and they were awarded cash prize of Rs.10,000/- for their outstanding contribution to the project.

DEPARTMENT OF EMERGING TECHNOLOGIES IN COMPUTER SCIENCE

1. Events conducted/ organized:

Smt. Dr. S. Shabana Begum, Assistant Professor and of ECS department, G. Pulla Reddy Engineering College (Autonomous): Kurnool also convener of the FDP has organized A Five-Day National Level Online Faculty Development Programme on “EMERGING TRENDS IN IT-2025” scheduled from 03rd - 07th February, 2025.

2. Skill Up gradation Activities:

a. FDP /Workshops /Conferences /Seminars Attended by Faculty:

S. No	Name of Faculty	Title of the Event	Host Institute	Period
1	Smt. O. Roopa Devi	Advances in Computational Mathematics and Applied Physical Sciences (ICACMAPS 2025)	Department of Humanities and Basic Sciences, of GPREC.	10-01-2025 To 11-01-2025
2	Smt.B.Varalakshmi	IP Awareness/Training Program	Organized by Intellectual Property Office	03-01-2025
		Think create engineer	PALS at IIT Madras campus	27-01-2025 To 29-01-2025
3	Smt. T. Chandana	Advances in Computational Mathematics and Applied Physical Sciences (ICACMAPS 2025)	Department of Humanities and Basic Sciences ,of GPREC	10-01-2025 To 11-01-2025
4	Dr.S.Shabana Begum	Advances in Computational Mathematics and Applied Physical Sciences (ICACMAPS 2025)	Department of Humanities and Basic Sciences ,of GPREC	10-01-2025 To 11-01-2025
5	Sri. Y Shiva Kumar	Advances in Computational Mathematics and Applied Physical Sciences (ICACMAPS 2025)	Department of Humanities and Basic Sciences ,of GPREC	10-01-2025 To 11-01-2025
		NEP 2020 Orientation & Sensitization Programme Under Malaviya Mission Teacher Training Programme (Mm-Ttp) Of University Grants Commission (UGC)	Regional Institute Of Education, Mysore (Programme Id - Mmc-041-2025-Jan-B-03226)	10-01-2025 To 11-01-2025
6	Dr. K. Govardhan Reddy	NEP 2020 Orientation & Sensitization Programme Under Malaviya Mission Teacher Training Programme (Mm-Ttp) Of University Grants Commission (UGC)	5 Days	10-01-2025 To 11-01-2025

7	Dr. G. Raghu Ram	NEP 2020 Orientation & Sensitization Programme Under Malaviya Mission Teacher Training Programme (Mm-Ttp) Of University Grants Commission (UGC)	5 Days	10-01-2025 To 11-01-2025
8	Dr. Y. Rama Mohan	NEP 2020 Orientation & Sensitization Programme Under Malaviya Mission Teacher Training Programme (Mm-Ttp) Of University Grants Commission (UGC)	5 Days	10-01-2025 To 11-01-2025
9	Sri. K. Srikanth	Generative and Ethical AI: Techniques and Applications with hands-on	7 Days	NIT, Thiruchirapalli
		NEP 2020 Orientation & Sensitization Programme Under Malaviya Mission Teacher Training Programme (Mm-Ttp) Of University Grants Commission (UGC)	5 Days	10-01-2025 To 11-01-2025
10	Dr. Abid Nayeemuddin M	NEP 2020 Orientation & Sensitization Programme Under Malaviya Mission Teacher Training Programme (Mm-Ttp) Of University Grants Commission (UGC)	5 Days	10-01-2025 To 11-01-2025
11	P.N.V.S. Pavan Kumar	NEP 2020 Orientation & Sensitization Programme Under Malaviya Mission Teacher Training Programme (Mm-Ttp) Of University Grants Commission (UGC)	5 Days	10-01-2025 To 11-01-2025
12	Smt. K. Asha Rani	ICT Tools for Smart Educators	NITTTR, Chandigarh	
13		NEP 2020 Orientation & Sensitization Programme Under Malaviya Mission Teacher Training Programme (Mm-Ttp) Of University Grants Commission (UGC)	5 Days	10-01-2025 To 11-01-2025
14	Sri. S. Vinay Kumar	Demystifying AI and Data Science ICT Tools for Smart Educators	organized by PALS and Meritus.AI NITTTR, Chandigarh	

15	Smt. O. Roopa	NEP 2020 Orientation & Sensitization Programme Under Malaviya Mission Teacher Training Programme (Mm-Ttp) Of University Grants Commission (UGC)	5 Days	10-01-2025 To 11-01-2025
16	Smt. O.Sirisha	NEP 2020 Orientation & Sensitization Programme Under Malaviya Mission Teacher Training Programme (Mm-Ttp) Of University Grants Commission (UGC)	5 Days	10-01-2025 To 11-01-2025
17	Smt. S.Sashikala	NEP 2020 Orientation & Sensitization Programme Under Malaviya Mission Teacher Training Programme (Mm-Ttp) Of University Grants Commission (UGC)	5 Days	10-01-2025 To 11-01-2025
18	Smt. Sri. G. Alekhya	Demystifying AI and Data Science	2 Days	organized by PALS and Meritus.AI
		NEP 2020 Orientation & Sensitization Programme Under Malaviya Mission Teacher Training Programme (Mm-Ttp) Of University Grants Commission (UGC)	5 Days	10-01-2025 To 11-01-2025
19	Smt. B. Varalakshmi	Demystifying AI and Data Science	2 Days	organized by PALS and Meritus.AI
		AI-A Practical Approach for Teaching and Learning	5 Days	Ministry of Electronics and Information Technology (MeitY), Government of India at Rayalaseema University, Kurnool
		NEP 2020 Orientation & Sensitization Programme	UGC- Malaviya Mission Teacher Training Centre, DDU Gorakhpur University, Gorakhpur	22-05-2025 to 30-05-2025

20	Smt. T. Chandana	Interactive Computing with Augmented and Virtual Reality: Fundamentals and Applications	Hub E &ICT Academy NIT Warangal, Spoke E &ICT Academy, IIITDM Kurnool in coordination with G. Pulla Reddy Engineering College, Kurnool	from 2 nd June to 6 th June, 2025
21	Dr.S.Shabana	NEP 2020 Orientation & Sensitization Programme Under Malaviya Mission Teacher Training Programme (Mm-Ttp) Of University Grants Commission (UGC)	Regional Institute Of Education, Mysore (Programme Id - Mmc-041-2025)	1-1-2025
		Interactive Computing with Augmented and Virtual Reality: Fundamentals and Applications.	Hub E &ICT Academy NIT Warangal, Spoke E &ICT Academy, IIITDM Kurnool in coordination with G. Pulla Reddy Engineering College, Kurnool	from 2 nd June to 6 th June, 2025
22	Ms. V.Jemima Jyothi	NEP 2020 Orientation & Sensitization Programme Under Malaviya Mission Teacher Training Programme (Mm-Ttp) Of University Grants Commission (UGC)	Regional Institute Of Education, Mysore (Programme Id - Mmc-041-2025)	22-05-2025 to 30-05-2025
23	Sri. Syed Mohammed Nadeem	NEP 2020 Orientation & Sensitization Programme Under Malaviya Mission Teacher Training Programme (Mm-Ttp) Of University Grants Commission (UGC)	Regional Institute Of Education, Mysore (Programme Id - Mmc-041-2025)	22-05-2025 to 30-05-2025
		Exploring Emerging Research Trends in Computing Technologies: AI,ML and IoT (E2RTCT- 2K5)	MCKV Institute of Engineering ,Kolkata, West Bengal & Industrial Institute of Ho Chi Minh City, Vietnam	2-6-2025 TO 6-6-2026
24	Smt. M. Manasa	ICT Tools for Smart Educators	NITTTR, Chandigarh	2-6-2025 TO 6-6-2026
		NEP 2020 Orientation & Sensitization Programme Under Malaviya Mission Teacher Training Programme (Mm-Ttp) Of University Grants Commission (UGC)	Regional Institute Of Education, Mysore (Programme Id - Mmc-041-2025-Jan-B-03226)	22-05-2025 to 30-05-2025

25	Smt. B. Kiranmayee	NEP 2020 Orientation & Sensitization Programme Under Malaviya Mission Teacher Training Programme (Mm-Ttp) Of University Grants Commission (UGC)	Regional Institute Of Education, Mysore (Programme Id - Mmc-041-2025-Jan-B-03226)	22-05-2025 to 30-05-2025
26	Smt. D. Sai Brunda	NEP 2020 Orientation & Sensitization Programme Under Malaviya Mission Teacher Training Programme (Mm-Ttp) Of University Grants Commission (UGC)	Regional Institute Of Education, Mysore (Programme Id - Mmc-041-2025-Jan-B-03226)	22-05-2025 to 30-05-2025
27	Sri. Y Shiva Kumar	NEP 2020 Orientation & Sensitization Programme Under Malaviya Mission Teacher Training Programme (Mm-Ttp) Of University Grants Commission (UGC)	Regional Institute Of Education, Mysore (Programme Id - Mmc-041-2025-Jan-B-03226)	22-05-2025 to 30-05-2025
28	Sri. M. Sreedhar	NEP 2020 Orientation & Sensitization Programme Under Malaviya Mission Teacher Training Programme (Mm-Ttp) Of University Grants Commission (UGC)	Regional Institute Of Education, Mysore (Programme Id - Mmc-041-2025-Jan-B-03226)	22-05-2025 to 30-05-2025
		Revolutionizing Education with Generative AI : Teaching and Learning and Strategies	5 Days	10-03-2025 TO 15-03-2025
		Generative AI and Prompt Engineering	5 Days	May, 2025.
		Quantum Neuromorphic Computing for Sustainable Generative AI	Madanapalle Institute of Technology & Science & Jawaharlal Technological University Anantapur	23-06-2025 TO 27-06-2025
29	Sri G .Shashidhar Yadav	NEP 2020 Orientation & Sensitization Programme Under Malaviya Mission Teacher Training Programme (Mm-Ttp) Of University Grants Commission (UGC)	Regional Institute Of Education, Mysore (Programme Id - Mmc-041-2025-Jan-B-03226)	22-05-2025 to 30-05-2025
		Generative AI and Prompt Engineering	5 Days	May, 2025.

30	Sri. Mohammed Fayaz	Interactive Computing with Augmented and Virtual Reality: Fundamentals and Applications	Hub E &ICT Academy NIT Warangal, Spoke E &ICT Academy, IIITDM Kurnool in coordination with G. Pulla Reddy Engineering College, Kurnool	2-06-2025 TO 6-06-2025
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b. NPTEL/NITTT/Other Certification course Completed by Faculty:

NPTEL Course				
S. No	Name of Faculty	Name of The Course	Duration	Period (Month - Month, Year)
1	Smt. K. Asha rani	Deep Learning	12 WEEKS	20-01-2025 To 11-04-2025
2.	Smt. G. Alekhya	Deep Learning	12 WEEKS	20-01-2025 To 11-04-2025
3	Ms.V.Jamima Jyothi	Deep Learning	12 WEEKS	20-01-2025 To 11-04-2025
4	Smt. D. Sai Brunda	Deep Learning	12 WEEKS	20-01-2025 To 11-04-2025

Faculty Publications:

Journals					
S. No	Author	Title	Name of the Journal	Indexing	Month, Year
1	Dr.K.Govardhan Reddy	Real Time Object Identification A Study on COCO Dataset	International Conference on Advanced Materials, Manufacturing and Sustainable Development (ICAMMSD 2024)	Scopus	November-2024.

2	Dr.Y.Ram Mohan	Deep Convolutional Neural Network based Solution for Detection of COVID-19 from Chest X-Ray Images	Atlantis Press	Scopus	November-2024.
3	Sri. K. Srikanth	A Deep Learning Approach to Alzheimer's Diagnosis: A Highlighting the potential impact	Frontiers in Health Informatics	UGC/academic open-access journal,	ISSN NO-2676-7104 Vol- 13, Issue- 3
4	Smt. O. Roopa	An Automatic Identification of Brain Tumors in MRI Using Transfer Learning Approach enhancing facial Transformation Capabilities: Synthetic Child Facial Data Generation and Validation	Proceedings of the International Conference on Advanced Materials, Manufacturing and Sustainable Development (ICAMMSD 2024)	Scopus	November-2024.
5	Smt. Dr. S. Shabana Begum	Optimized Self-Guided Quantum Generative Adversarial Network Based Scheduling Framework for Efficient Resource Utilization in cloud computing to Enhance Performance and Reliability	Transactions on Emerging Telecommunications Technologies	Science Citation Index Expanded (SCIE)	November-2024.

3. Faculty Achievements:

Dr. S. Ramesh Kumar was recognized as a Reviewer for Scopus Indexed Journals by *Atlantis Press* in February 2025. This accomplishment highlights his expertise and contribution to maintaining the quality of international research publications.

4. New faculty Recruited:

S. No	Name of the Faculty	Designation	Qualification	Photo
1	Smt. A. Archana	Assistant Professor	M.Tech	
2	Dr. K. Srinivas Rao	Professor	M.Tech., Ph.D.	
3	Dr. M. Jahir Pasha	Associate Professor	M.Tech., Ph.D.	
4	Dr. D. Jayanarayana Reddy	Assistant Professor	M.Tech., Ph.D.	
5.	Smt. V. Monica	Assistant Professor	M.Tech (S.E)	

3. Student Achievements:

- Students from II year ECS (CSM & CSD) have successfully completed the PALS - Residential Student Workshop at IIT Madras. As part of the workshop, participants worked on NIRMAN case studies, competed with 25 teams.

Winning Projects from GPREC:

Bulletproof Material – M. Venkatraman achary IV CSM- B & team

Net Zero Energy Building – N. Harshavardhan IV CSM B- & team

Both teams received a cash prize of ₹2,000 each for their outstanding work

- Shaik Abdul Basith of III CSD, G. Pulla Reddy Engineering College (Autonomous): Kurnool has participated in UDYAMOTSAV 2025 - National Level Pitching Round and successfully explained to investors at Mahindra University, Hyderabad, conducted by the Ministry of Education's Innovation Cell (MIC), Govt of India and AICTE.
- M.Venkata ramana, N.Harshavardhan, M. Bharani kumar Reddy (CSM), K. Mohan Reddy (CSD), II year ECS students, G. Pulla Reddy Engineering College (Autonomous): Kurnool have Received the Best Competitor award in IDEATHON-2k25 ISTE @LTSU Chandigarh.
- J.Arun Kumar from 4 CSM-B section of ECS department has successfully completed the CODE SYMPOSIUM 2K25 coding challenge and achieved III position conducted on march 8th 2025, in the coder's club, organized by G. Pulla Reddy Engineering College (Autonomous), Kurnool.

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

1. Skill Up gradation Activities:

a.FDP /Workshops /Conferences /Seminars Attended by Faculty:

S. No	Name of Faculty	Title of the Event	Host Institute	Period
1	Dr. G. Kishor Dr. T. Brahma nanda Reddy Dr. Y. V. Siva Reddy Dr. K. Sri Gowri Dr. M. Siva Sathya Narayana Dr. V. Anantha Lakshmi Dr. G. Sreenivasa Reddy Dr. G. Venkata Subba Reddy Dr. S. Anil Kumar Sri. B. Amarnath Naidu Smt. G. Haritha Sri. A. Pradeep Kumar Yadav Dr. B. V. Arun Kumar Smt. B. Rajeswari Sri. S. Masum Basha Dr. K. Jagadeesh	An FDP on NEP 2020 Orientation & Sensitization	Regional Institute Of Education, Mysore	23-01-2025 to 31-01-2025
2	Smt. G. Haritha	An FDP on Gen AI & Chat GPT Applications in the Industry	SJT Institute of Technology, Chikkaballapur	27-01-2025 to 31-01-2025
3	Dr. C. Harinatha Reddy Dr. K. Jagadeesh	An FDP on NEP 2020 Orientation & Sensitization	NIT Warangal	01-02-2025 to 08-02-2025
4	Dr. S. Anil Kumar Smt. G. Haritha Sri D. Vannurappa	An FDP on Advanced Technologies for Smart Power Systems	Noorul Islam Centre for Higher Education	10-02-2025 to 15-02-2025
5	Sri. B. Amarnath Naidu	An FDP on Emerging Trends in IT-2025	GPREC, Kurnool	03-02-2025 to 07-02- 2025
6	Dr. G. Kishor	An FDP on AI based Technologies for Electrical Engineering Applications	Electronics & ICT Academy (Hub), NIT Warangal in association with E&ICT Academy (Spoke), IIITDM Kurnool	10-02-2025 to 20-02-2025
7	Dr. C. Harinatha Reddy	Hybrid Renewable Energy Systems in Micro grids	Global Initiative of academic Networks, NIT Warangal.	20-02-2025 to 25-02- 2025
8	Sri. S. Masum Basha	An FDP on Future Ready Grids: Renewable Integration, Electric Vehicles and Sustainable Smart Technologies	SR University, Warangal, Telangana, India.	17-03-2025 to 21-03- 2025

9	Dr. N. Ravi Shankar Reddy Dr. V. Anantha Lakshmi Dr. G. Sreenivasa Reddy Dr. G. Venkata Subba Reddy Sri B. Amarnath Naidu Dr. B.V. Arun Kumar	An FDP on Design Aspects of Electrical Vehicle Systems (DAEVS-2025)	GPREC, Kurnool	21-04-2025 to 25-04-2025
	Smt. B. Rajeswari Sri. A.Vijaya Kumar Reddy Sri. P. Anjaneya Vara Prasad Sri. S. Masum Basha Dr. K. Jagadeesh			
10	Sri B. Amarnath Naidu	An FDP on Recent Trends in Electrical & Electronics Engineering	Global Institute of Science and Technology, Haldia, West Bengal, India	21-04-2025 to 25-04-2025
11	Sri. A.Vijaya Kumar Reddy	An FDP on Advancements in Battery Technology and Management for Sustainable E-Mobility	MGIT (Autonomous), Hyderabad, Telangana, India	16-06-2025 to 20-06-2025
12	Sri. A.Vijaya Kumar Reddy Sri. P. Anjaneya Vara Prasad	An FDP on Recent Trends in Electric Vehicles: Global Perspective	SRM Institute of Science & Technology, Chennai, Tamilnadu, India	19-05-2025 to 25-05-2025
13	Dr. B.V.Arun Kumar Dr. K. Jagadeesh Sri P. Anjaneya Vara Prasad Sri. S. Masum Basha Sri D. Vannurappa	An FDP on Interactive computing with Augmented and Virtual Reality: Fundamentals and Applications	GPREC, Kurnool Andhra Pradesh, India	02-06-2025 to 06-06-2025
9	Dr. N. Ravi Shankar Reddy Dr. V. Anantha Lakshmi Dr. G. Sreenivasa Reddy Dr. G. Venkata Subba Reddy Sri B. Amarnath Naidu Dr. B.V. Arun Kumar Smt. B. Rajeswari Sri. A.Vijaya Kumar Reddy Sri. P. Anjaneya Vara Prasad Sri. S. Masum Basha Dr. K. Jagadeesh	An FDP on Design Aspects of Electrical Vehicle Systems (DAEVS-2025)	GPREC, Kurnool	21-04-2025 to 25-04-2025
10	Sri B. Amarnath Naidu	An FDP on Recent Trends in Electrical & Electronics Engineering	Global Institute of Science and Technology, Haldia, West Bengal, India	21-04-2025 to 25-04-2025

11	Sri. A.Vijaya Kumar Reddy	An FDP on Advancements in Battery Technology and Management for Sustainable E-Mobility	MGIT (Autonomous), Hyderabad, Telangana, India	16-06-2025 to 20-06-2025
12	Sri. A.Vijaya Kumar Reddy Sri. P. Anjaneya Vara Prasad	An FDP on Recent Trends in Electric Vehicles: Global Perspective	SRM Institute of Science & Technology, Chennai, Tamilnadu, India	19-05-2025 to 25-05-2025
13	Dr. B.V.Arun Kumar Dr. K. Jagadeesh Sri P. Anjaneya Vara Prasad Sri. S. Masum Basha Sri D. Vannurappa	An FDP on Interactive computing with Augmented and Virtual Reality: Fundamentals and Applications	GPREC, Kurnool Andhra Pradesh, India	02-06-2025 to 06-06-2025

b.NPTEL/NITTT/Other Certification course Completed by Faculty:

NPTEL Course				
S.No	Name of Faculty	Name of The Course	Duration	Period (Month - Month, Year)
1	Sri.M Sreenivasa Reddy	Python for Data Science	4 Weeks	Jan-Feb 2025
2	Sri.S .Masum Basha	Cloud Computing	12 Weeks	Jan-Apr 2025
3	Sri.S.Masum Basha	Renewable Energy Engineering: Solar, Wind And Biomass Energy Systems	12 Weeks	Jan-Apr 2025
4	Dr. G.Venkata Subba Reddy Sri.A.Vijaya Kumar Reddy Sri.D Vannurappa	Introduction to Internet of Things	12 Weeks	Jan-Apr 2025
5	Dr.V.Anantha Lakshmi Sri. M Sreenivasa Reddy Smt.B.Rajeswari	Deep Learning	12 Weeks	Jan-Apr 2025
6	Dr.M.Siva satya narayana	Yoga and positive Psychology for Managing Career and Life	8 Weeks	Feb -Apr 2025

2. Faculty Publications:

International Journals					
S.No	Author	Title	Name of the Journal	Indexing	Month, Year

1	Smt G. Haritha, Kannan A	AGC of solar thermal system using cuttle fish optimization algorithm under deregulated environment	International journal on electrical engineering and informatics	SCOPUS	March, 2025
Book Chapters					
S.No	Author	Title	Name of the book	Publisher	Month, Year
1	Dr.Y.Ram mohan, Dr.V.Anantha Lakshmi, Dr.G.Sateesh , Dr.G.Kishor, Dr.G.Sreenivas Reddy	Recent sustainable developments in science and engineering	Smart vehicle: Design and development of arduino based automated guided vehicle	ISBN	Jan ,2025
2	Dr.S.Anil kumar, Dr.G.Venkata Subbareddy, Dr.K.Sri Gowri, Smt G.Haritha, Dr.B.V.Arun Kumar, Sri.A.Vijaya kumar Reddy	Recent sustainable developments in science and engineering	Smart vehicle: Design and development of arduino based automated guided vehicle	ISBN	Jan ,2025
3	Dr.K.Sri Gowri, Dr.B.V.Arun Kumar, Dr.S.Anil kumar, Dr.G.Sreenivas Reddy, Sri.K.Harish Reddy	Recent sustainable developments in science and engineering	Performance improvement of transmission line through compensation techniques a practical approach	ISBN	Jan ,2025
4	Sri.S.Masum Basha, Sri .A.Vijaya Kumar Reddy, Sri B.Amarnath Naidu	Recent sustainable developments in science and engineering	Hydrogen Power fuel cell electric vehicles- A Review	ISBN	Jan ,2025
5	Dr. Ishwarya venkata raman Dr.N.Ravi shankar Reddy, Mr.G.Gnaneshwar kumar, Mr. J.Ravi kumar	Power electronics Advanced techniques and applications	Power electronics Advanced techniques and applications	Indo continental Academic Publishers	Feb, 2025

2. Faculty Achievements:

- Dr.C.Harinatha Reddy, Associate Professor of EEE Department, G Pulla Reddy Engineering College has published a Indian patent titled Real –Time Monitoring and Management of Smart Electrical Grids Using IOT Applications patent number 202541007010 on 07/02/2025.
- Dr.K.Jagadeesh, Associate Professor of EEE Department, G Pulla Reddy Engineering College has published a UK design patent titled Real-Time Facial Recognition Instrument with design No 6424932 on 26-02-2025.
- Dr.G. Venkata Subba Reddy published a patent with title robust control base grid synchronization for hybrid WEC-PV-BES distributed energy systems on 20-6-2025. Patent No: 202541049348
- Dr.S.Anil Kumar published a patent with title Integrated single phase on board electric vehicle charger with vehicle to grid capabilities on 20-6-2025. Patent No: 202541049345.
- Smt G.Haritha published a patent with title performance improvement of hybrid renewable energy sources connected to the grid using artificial neural network and sliding mode control on 20-6-2025. Patent No: 202541049372

3. New faculty Recruited:

S-No	Name of the Faculty	Designation	Qualification	Photo
1	Dr. N. Chandra Sukanya	Assistant Professor	M.Tech, Ph.D	
2	Dr. K. Rajesh	Assistant Professor	M.Tech, Ph.D	

4. Up gradation of Lab Equipment:

S.No	Name of Laboratory	Equipment Name	Cost
1	Electrical circuits Lab	Regulated Power supply (10Nos) Rheostats(2 Nos) Inductors(2 Nos)	Rs 86807/- Rs 22054/- Rs 15120/-
2	Measurements Lab	Rheostats(7 Nos)	Rs 66286/-
3	Electrical Machines Lab	3-phase Squirrel cage Induction Motor(1 No) 1-phase 1 HP Induction Motor(1 No)	Rs 65504/- Rs 52241/-

4	Electrical Technology Lab	Regulated Power supply (4 Nos) Rheostats(20 Nos)=	Rs 40120/- Rs 85243/-
5	Control Systems Lab	Function Generator(2 Nos) AC Servo Motors(1 No)	Rs32524/- Rs53813/-
6	Micro Controllers Lab	MF meters with CTs(2 Nos)	Rs 19942/-

Student Achievements:

- D. Manasa (Roll No: 229X1A0266, III B.Tech) participated in DILLANA 2K25 Poster Presentation at SVR Engineering College and secured II Prize with ₹1000 cash award on 21st –22nd March 2025).
- B. Jaswanth (Roll No: 239X5A02C6, III B.Tech) participated in DILLANA 2K25 Poster Presentation at SVR Engineering College and secured II Prize on 21st –22nd March 2025).
- M. Purna Chandra Kumar (Roll No: 239X5A02D1, III B.Tech) participated in KITES 2K25 Model Exhibition at Dr. K.V. Subba Reddy Institute of Technology and secured II Prize with ₹800 cash award on 07 March 2025.
- K. Jay Sai Eswar Reddy (Roll No: 239X5A02C8, III B.Tech) participated in KITES 2K25 Model Exhibition at Dr. K.V. Subba Reddy Institute of Technology and secured II Prize on 07 March 2025.
- Malla Sunil (229X5A02D5,IV B.Tech) – Secured 2586 rank in EE in GATE 2025.
- Manakuri Meghanath (229X5A02D6, IV B.Tech) – Secured 7758 rank in EE in GATE 2025.
- Midde Sreekanth (229X5A02D7,IV B.Tech) – Secured 13099 rank in EE GATE 2025.
- Musani Anil Kumar Reddy (229X5A02D9,IV B.Tech) – Secured 813 rank in EE and 188 rank in IN GATE 2025.
- Vuddanda Reddy Prathap (229X5A02F3,IV B.Tech) – Secured 1842 rank in IN GATE 2025.

DEPARTMENT OF MECHANICAL ENGINEERING

1. Events conducted/ organized:

1. Department of ME, G Pulla Reddy Engineering College has organized a six-day workshop on “UG NX & Basic Automotive Sheet Metal Design” during 20th to 25th January 2025.

2.1. Workshops /Conferences /seminars attended by faculty:

S.No	Name of Faculty	Title of the Event	Host Institute	Period
1.	Dr. K. Krishna Reddy	A Five-Day FDP on “Advanced and Sustainable Manufacturing Technology”	O.P Jindal University,Raigarh	06-01-25 to 10-01-25
2.	Dr. R. Meenakshi Reddy	NEP 2020 Orientation & SensitizationProgramme” under Malaviya Mission Training Programme of UGC	Regional Institute of Education, Mysore	23-01-25 to 31-01-25
3.	M. Lava Kumar	NEP 2020 Orientation & SensitizationProgramme” under Malaviya Mission Training Programme of UGC	Regional Institute of Education, Mysore	23-01-25 to 31-01-25
4.	G. Praveen Kumar Yadav	NEP 2020 Orientation & SensitizationProgramme” under Malaviya Mission Training Programme of UGC	Regional Institute of Education, Mysore	23-01-25 to 31-01-25
5.	G. S. Dattatreya Sharma	NEP 2020 Orientation & SensitizationProgramme” under Malaviya Mission Training Programme of UGC	Regional Institute of Education, Mysore	23-01-25 to 31-01-25
6.	M. Murali Mohan	Six Days International Online Faculty Development Program on “Advanced Materials for Defense and Aerospace Applications	Ballari Institute of Technology & Management, Ballari	27-01-25 to 01-02-25
7.	Dr. D. Mohana Krishnudu	One Week Faculty National Workshop on “Smart Robotics & AI for Indusrtly 4.0 Transforming Automation and Manufacturing	Gayatri Vidya Parshid College of Engineering Visakhapatanam	27-01-25 to 31-01-25
8.	Dr. P. Hari Shankar	NEP 2020 Orientation & SensitizationProgramme” under Malaviya Mission Training Programme of UGC	National Institute of Technology Warangal	01-02-25 to 06-02-25
9.	Dr. K. Krishna Reddy	NEP 2020 Orientation & SensitizationProgramme” under Malaviya Mission Training Programme of UGC	National Institute of Technology Warangal	01-02-25 to 06-02-25

10.	Dr. G. Venkatesh	NEP 2020 Orientation & Sensitization Programme” under Malaviya Mission Training Programme of UGC	National Institute of Technology Warangal	01-02-25 to 06-02-25
11.	Dr. G. Sankaraiah	NEP 2020 Orientation & Sensitization Programme” under Malaviya Mission Training Programme of UGC	National Institute of Technology Warangal	01-02-25 to 06-02-25
12.	P. Lakshmi Reddy	NEP 2020 Orientation & Sensitization Programme” under Malaviya Mission Training Programme of UGC	National Institute of Technology Warangal	01-02-25 to 06-02-25
13.	Dr. R. Meenakshi Reddy	One Week Faculty National Workshop on “Smart Robotics & AI for Industry 4.0 Transforming Automation and Manufacturing	Gayatri Vidya Parshid College of Engineering Visakhapatnam	03-02-25 to 07-02-25
14.	Dr. K. Krishna Reddy	Five Day Faculty Development Program on “Research Methodology & IPR”	Geethanjali Institute of Science & Technology, Nellore	24-02-25 to 01-03-25
15.	M. Murali Mohan	A Ten Day Faculty Development Program on “NEP 2020 Orientation & Sensitization Program - 24	UGC Malaviya Mission Teacher Training Centre, JNTUH	15-03-25 to 24-03-25
16.	Dr. Poli Reddy	A Ten Day Faculty Development Program on “NEP 2020 Orientation & Sensitization Program - 24	UGC Malaviya Mission Teacher Training Centre, JNTUH	15-03-25 to 24-03-25
17.	Dr. Naga Phani sastry	A Ten Day Faculty Development Program on “NEP 2020 Orientation & Sensitization Program - 24	UGC Malaviya Mission Teacher Training Centre, JNTUH	15-03-25 to 24-03-25
18.	G. Shaikshavali	A Ten Day Faculty Development Program on “NEP 2020 Orientation & Sensitization Program - 24	UGC Malaviya Mission Teacher Training Centre, JNTUH	15-03-25 to 24-03-25
19.	Dr. C. Ravikanth Reddy	A Eight Day Faculty Development Program on “NEP 2020 Orientation & Sensitization Program - 24	National Institute of Technology Warangal	24-03-25 to 01-04-25

2.2. NPTEL/NITTT/Other Certification course Completed by Faculty:

S. No	Name of Faculty	Name of The Course	Duration	Period
1	Dr. Hari sankar	Design Practice	8 Week	Jan to Mar, 2025
2	Dr. Naga Phani sastry	Computer Integrated Manufacturing	12 Week	Jan to Apr, 2025

3	Dr. Naga Phani sastry	Product Design and Manufacturing	12 Weeks	Jan to Apr, 2025
4	Dr. R. Meenakshi Reddy	Effective engineering Teaching in Practice	4 Weeks	Jan to Feb, 2025
5	Dr. R. Meenakshi Reddy	Introduction to Professional scientific communication	4 Weeks	Jan to Feb, 2025
6	Dr. R. Meenakshi Reddy	Ethics in engineering practice	8 Weeks	Feb to Apr, 2025
7	Dr. K. Devaki Devi	Ethics in engineering practice	8 Weeks	Feb to Apr, 2025
8	M. Lava Kumar	Data science for Engineers	8 Weeks	Jan to Mar, 2025
9	M. Lava Kumar	Deep Learning	8 Weeks	Jan to Mar, 2025
10	M. Lava Kumar	Reinforcement Learning	12 Weeks	Jan to Apr, 2025
11	G S Guru Dattatreya	Research Methodology	8 Weeks	Jan to Mar, 2025
12	G S Guru Dattatreya	Engine system and performance	12 Weeks	Jan to Apr, 2025
13	G S Guru Dattatreya	Deep Learning	8 Weeks	Jan to Mar, 2025
14	G. Venkatesh	Data Science for engineers	8 Weeks	Jan to Mar, 2025
15	Dr. V. Saikumar Reddy	Natural Language Processing	12 Weeks	Jan to Apr, 2025
16	Dr. G. Venkatesh	Data science for engineers	8 Weeks	Jan to Mar, 2025
17	M. Lava Kumar	Technology enables learning and life-long self learning	12 Weeks	Feb to May, 2025
18	E. Siva Reddy	Communication skills, modes and Knowledge dissemination	12 Weeks	Feb to May, 2025
19	E. Siva Reddy	Technology enables learning and life-long self learning	12 Weeks	Feb to May, 2025
20	M. Murali Mohan	Communication skills, modes and Knowledge dissemination	12 Weeks	Feb to May, 2025
21	M. Murali Mohan	Instructional Planning and delivery	12 Weeks	Feb to May, 2025
22	G. Shaikshavali	Technology enables learning and life-long self learning	12 Weeks	Feb to May, 2025

23	G. Praveen Kumar Yadav	Technology enables learning and life-long self learning	12 Weeks	Feb to May, 2025
24	Dr. D. Mohana Krishnudu	Technology enables learning and life-long self learning	12 Weeks	Feb to May, 2025
25	Dr. D. Mohana Krishnudu	Communication skills, modes and Knowledge dissemination	12 Weeks	Feb to May, 2025
26	Dr. D. Mohana Krishnudu	Instructional Planning and delivery	12 Weeks	Feb to May, 2025

3. Faculty Publications:

Journals					
S. No	Author	Title	Name of the Journal	Indexing	Month, Year
1	Dr. R. Meenakshi Reddy	Experimental Investigation on Thermal Barrier – Coated Diesel Engine Using Antioxidant – Doped Orange Peel Oil Bio Diesel	Surface Review and Letters.	SCIE	January, 2025
2	G. Venkatesh	The influence of pencil pins on the enhancement of heat transfer in a wedge channel: an experimental and numerical study	A journal of Thermal Energy Generation, Transport, Storage and Conversion	SCIE	January, 2025
3	K. Jayasimha Reddy	Review on effective abatement of pollutant emissions of an RCCI engine with hydrogen as LRF and other fuels as HRF	International Journal of Ambient Energy	SCIE	January, 2025
4	Dr. D. Mohana Krishnudu	A Study of NACL Alkali Treated Muntingia calabura fibre reinforced composites”. Journal of Polymer & Composites	Journal of Polymer & Composites	SCIE	January, 2025
5	G. Venkatesh, R. Meenakshi Reddy	Experimental and numerical study on the influence of circular, oblong, teardrop and beetle pin fins on the enhancement of heat transfer in a wedge channel	International Journal of Thermal Sciences	Scopus	January, 2025

6	Dr. B. Madhusudhan Reddy	The Influence of Alkali Treatment on the Chemical, Crystalline, and Thermal Characterization of Burmese Silk Orchid Fiber	Oriental Scientific Publishing Company	Scopus	February, 2025
7	Dr. K. Devaki Devi	Influence of Manufacturing Parameters on the Properties of 3D Printed Poly Lactic Acid Carbon Fiber Components	Archives of Metallurgy and Materials.	Scopus	February, 2025
8	Dr. R. Meenakshi Reddy	Performance optimization of oxy-fuel combustion diesel engine with EGR based on fuel injection parameters using response surface methodology (RSM)	Journal of Thermal Engineering,	SCIE	February, 2025
9	G. Praveen Kumar Yadav	Optimization of injection parameters, and ethanol shares for cottonseed biodiesel fuel in diesel engine utilizing artificial neural network (ANN) and Taguchi grey relation analysis (GRA	Journal of non-equilibrium thermodynamics Progress	Scopus	March, 2025
10	Dr. R. Meenakshi Reddy	Experimental and thermomechanical SPH and FEA model simulation using Inconel 825 with tungsten carbide tool	Scientific Reports	SCIE	March, 2025
11	Dr. R. Meenakshi Reddy	Experimental Analysis of Oxy-Fuel Combustion in Diesel Engines with Insights on Adaptations and Performance	International Journal of Materials Research, Scientific Journal of King Faisal University: Basic and Applied Sciences,	Scopus	March, 2025

12	G. Praveen Kumar Yadav, Dr. R. Meenakshi Reddy	Multi-criteria optimization of common rail direct injection engine parameters with isoamyl alcohol blends using Taguchi- Grey relational analysis (GRA) and Artificial neural network (ANN)".	Thermal Science and Engineering Progress	SCIE	April, 2025
13	Dr. R. Meenakshi Reddy	Mechanical, water absorption and flammability behavior of coconut shell and jackfruit skin powder-reinforced bio-composites fabricated through fused deposition modelling	International Journal of Materials Research, Scientific Journal of King Faisal University: Basic and Applied Sciences,	Scopus	April, 2025
14	Dr. B. Madhusudhan Reddy, Dr. V. Satish kumar, Dr. R. Meenakshi Reddy, Dr. G Suresh Kumar, Dr.YV Mohana Reddy,	Effect of Braiding of Jute and Flax Fibres on Mechanical, Water Absorption and Morphological Properties of Epoxy Composite	Engineering Research Express	Scopus	April, 2025
15	Dr. R. Meenakshi Reddy	Exploring the tribological performance of AA2024 with silicon dioxide metal matrix composites: RSM analysis	Journal of Mechanical Science and Technology	SCIE	April, 2025
16	Dr. R. Meenakshi Reddy	Effect of wear and frictional force on Al6063-T6 with magnesium and zinc oxide nanoparticles	Innovation and Emerging Technologies	Scopus	May, 2025
17	Dr. R. Meenakshi Reddy	Effect of bidirectional fiber incorporation on tensile properties and drilling parameter optimization of cellulose bio fibers and glass fiber thermoset composites	Results in Engineering	Scopus	May, 2025
18	Dr. R. Meenakshi Reddy	Corrosion Investigation of Al/Al ₂ O ₃ Composites Manufactured via combined Stir Casting and ARB Process	Surface Review and Letters	Scopus	May, 2025

19	C. Ravikanth Reddy	Microstructural, mechanical and damping analysis of Al/Gr composites produced via friction stir processing: effect of rotational speed	Canadian Metallurgical Quaterly	SCIE	May, 2025
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4. Faculty Achievements:

1. M. Murali Mohan, Asst. Professor of G. Pulla Reddy Engineering College has successfully completed AICTE QIP PG Certification Program in Cyber Security from IIIT Dharwad.
2. G. Praveen Kumar Yadav, Asst. Professor of G. Pulla Reddy Engineering College has successfully completed AICTE QIP PG Certification Program in Cyber Security from IIIT Dharwad.
3. K. Jayasimha Reddy, Asst. Professor of G. Pulla Reddy Engineering College has successfully completed AICTE QIP PG Certification Program in Artificial Intelligence & Machine Learning from IIIT Nagpur.
4. Dr. R. Meenakshi Reddy, Associate Professor of ME Department, G Pulla Reddy Engineering College has published a ***design patent*** on “Energy Storage Device” with an Application Number 432196-001 on 4th March 2025.
5. Dr. R. Meenakshi Reddy, Associate Professor of ME Department, G Pulla Reddy Engineering College has published a ***design patent*** on “Solar Powered Sea Water Desalination Apparatus” with an Application Number 431544-001 on 18th March 2025.
6. K. Jayasimha Reddy, published an article titled RCCI Engine Performance and Emissions with Hydrogen and Diesel as Fuels” in Lecture Notes in Mechanical Engineering, https://doi.org/10.1007/978-981-97-7388-6_34

5. Student Achievements:

1. Bhavani Prasad bearing the roll no 219x1A0384 of IV B.Tech is presented with cash award of RS 5000/- for being the best outgoing sports person among the boys of 2021-2025 batch on 21-02-2025.

DEPARTMENT OF HUMANITIES & BASIC SCIENCES

1. Events conducted/ organized:

- The Department of H&BS organized the International Conference on Advances in Computational Mathematics and Applied Physical Sciences (ICACMAPS-2025) from 10th to 11th January, 2025. The conference got an overwhelming response, receiving research papers from 17 different Indian states, a testament to its high quality. In total, 243 research papers were submitted, out of which 153 were selected based on their quality and presented during the conference.
- The Department of H&BS also organised a one-week Faculty Development Programme (FDP) on “Interactive Computing with Augmented and Virtual Reality: Fundamentals and Applications”. It was conducted from 2nd to 6th June 2025 and held in Physical mode at GPREC, Kurnool, in association with the Electronics and ICT Academy, NIT Warangal, and the E&ICT Academy, IIITDM Kurnool.

2. Skill Upgradation Activities:

a. FDP /Workshops /Conferences /Seminars Attended by Faculty:

S. No	Name of Faculty	Title of the Event	Host Institute	Period
1	Dr K Subashini	International Conference on Advances in Computational Mathematics and Applied Physical Sciences	G Pulla Reddy Engineering College	10-01-2025 to 11-01-2025
2	Dr A Vijay Kumar	International Conference on Advances in Computational Mathematics and Applied Physical Sciences	G Pulla Reddy Engineering College	10-01-2025 to 11-01-2025
3	Dr V Raghavendra Prasad	International Conference on Advances in Computational Mathematics and Applied Physical Sciences	G Pulla Reddy Engineering College	10-01-2025 to 11-01-2025
4	Sri K Suresh	International Conference on Advances in Computational Mathematics and Applied Physical Sciences	G Pulla Reddy Engineering College	10-01-2025 to 11-01-2025
5	Dr S Sailaja	International Conference on Advances in Computational Mathematics and Applied Physical Sciences	G Pulla Reddy Engineering College	10-01-2025 to 11-01-2025
6	Dr V Rangaveni	International Conference on Advances in Computational Mathematics and Applied Physical Sciences	G Pulla Reddy Engineering College	10-01-2025 to 11-01-2025

7	Smt. Shahina Nikhath	International Conference on Advances in Computational Mathematics and Applied Physical Sciences	G Pulla Reddy Engineering College	10-01-2025 to 11-01-2025
8	Dr P Pavan Kumar	International Conference on Advances in Computational Mathematics and Applied Physical Sciences	G Pulla Reddy Engineering College	10-01-2025 to 11-01-2025
9	Sri K Sharath Kumar Reddy	International Conference on Advances in Computational Mathematics and Applied Physical Sciences	G Pulla Reddy Engineering College	10-01-2025 to 11-01-2025
10	Sri A Ganesh	International Conference on Advances in Computational Mathematics and Applied Physical Sciences	G Pulla Reddy Engineering College	10-01-2025 to 11-01-2025
12	Sri G Siddesh Babu	International Conference on Advances in Computational Mathematics and Applied Physical Sciences	G Pulla Reddy Engineering College	10-01-2025 to 11-01-2025
13	Smt. E Nirmala Devi	International Conference on Advances in Computational Mathematics and Applied Physical Sciences	G Pulla Reddy Engineering College	10-01-2025 to 11-01-2025
14	Dr E Kiran Babu	International Conference on Advances in Computational Mathematics and Applied Physical Sciences	G Pulla Reddy Engineering College	10-01-2025 to 11-01-2025
15	Dr T Satya	International Conference on Advances in Computational Mathematics and Applied Physical Sciences	G Pulla Reddy Engineering College	10-01-2025 to 11-01-2025
16	Sri K Vishwanath	International Conference on Advances in Computational Mathematics and Applied Physical Sciences	G Pulla Reddy Engineering College	10-01-2025 to 11-01-2025
17	Sri K Raghavendra	International Conference on Advances in Computational Mathematics and Applied Physical Sciences	G Pulla Reddy Engineering College	10-01-2025 to 11-01-2025

18	Dr G Ujwala	International Conference on Advances in Computational Mathematics and Applied Physical Sciences	G Pulla Reddy Engineering College	10-01-2025 to 11-01-2025
19	Dr Papori Seal	International Conference on Advances in Computational Mathematics and Applied Physical Sciences	G Pulla Reddy Engineering College	10-01-2025 to 11-01-2025
20	Dr K Jyothi	International Conference on Advances in Computational Mathematics and Applied Physical Sciences	G Pulla Reddy Engineering College	10-01-2025 to 11-01-2025
21	Smt. P Vasundara Reddy	International Conference on Advances in Computational Mathematics and Applied Physical Sciences	G Pulla Reddy Engineering College	10-01-2025 to 11-01-2025
22	Smt. G Pushpa Latha	National Conference PRISM 2025 on Illness, Wellness and Fitness	Christ University, Bengaluru	20-01-2025 to 22-01-2025
23	Smt. A Jerusha	International Conference on Digital humanities	Vignana Jyothi Institute of Engineering and Technology, Hyderabad	22-01-2025 to 24-01-2025
24	Dr Nasreen Noor	NEP 2020 Orientation & Sensitization Programme	NIT Warangal	01-02-2025 to 08-02-2025
25	Smt. B Muni Lakshmi	NEP 2020 Orientation & Sensitization Programme	NIT Warangal	01-02-2025 to 08-02-2025
26	Dr S Sailaja	NEP 2020 Orientation & Sensitization Programme	NIT Warangal	01-02-2025 to 08-02-2025
27	Smt. G Pushpa Latha	NEP 2020 Orientation & Sensitization Programme	NIT Warangal	01-02-2025 to 08-02-2025
28	Dr T Satya	NEP 2020 Orientation & Sensitization Programme	NIT Warangal	01-02-2025 to 08-02-2025
29	Sri K Viswanath	NEP 2020 Orientation & Sensitization Programme	NIT Warangal	01-02-2025 to 08-02-2025
30	Dr G Ujwala	NEP 2020 Orientation & Sensitization Programme	NIT Warangal	01-02-2025 to 08-02-2025
31	Sri K Sharath Kumar Reddy	NEP 2020 Orientation & Sensitization Programme	NIT Warangal	01-02-2025 to 08-02-2025

32	Dr K Jyothi	NEP 2020 Orientation & Sensitization Programme	NIT Warangal	01-02-2025 to 08-02-2025
33	Sri S Sreeja	NEP 2020 Orientation & Sensitization Programme	NIT Warangal	01-02-2025 to 08-02-2025
34	Dr Papori Seal	Science Innovation and Technology in 21 st Century	Bhagat Phool Singh mahila Viswavidyalaya, MMTTC	03-02-2025 to 08-02-2025
35	Dr T Satya	Emerging Trends in IT-2025	GPREC, Kurnool	03-02-2025 to 07-02-2025
36	Dr K Jyothi	2 nd International Conference on Innovations in Thermo-Fluid Engineering and Sciences	NIT, Rourkela	07-02-2025 to 09-02-2025
37	Sri A Ganesh	Accelerating Equity in Science	Jagat Arts, and Commerce & IHP Science College, Goregaon	11-02-2025
38	Dr. P Pavan Kumar	AI Tools	Mahatma Gandhi Mission's College of Engineering and Technology	17-02-2025 to 21-02-2025
39	Sri Kakarla Visawanath	Advanced Nanoscale Materials for Sustainable Electronics & Energy Devices	Koneru Lakshmaiah Education Foundation (KLEF), Hyderabad	17-02-2025 to 26-02-2025
40	Dr V Rangaveni	STP on Theory of Differential Equations	IIT Hyderabad	03-03-2025 to 08-03-2025
41	Sri A Ganesh	Cutting-Edge Chemical Technologies and Industry Relevance	Vardhaman College of Engineering	03-03-2025 to 07-03-2025
42	Sri A Ganesh	Unlocking Innovations: Research funding, Proposal writing and IPRm Strategies for startups	Joginpally B R Engineering College	03-03-2025 to 08-03-2025
43	Dr. S.Sailaja	NEP 2020 Orientation & Sensitization Programme	MMTC, Shri Ram College Of Commerce, University of Delhi	17-03-2025 to 25-03-2025
44	Dr P. Pavan Kumar	Exploring New Frontiers in Advanced Pharmaceutical Research and IPR	DmbH Institute of Medical Science	24-03-2025 to 29-03-2025
45	Dr T Satya	Exploring New Frontiers in Advanced Pharmaceutical Research and IPR	DmbH Institute of Medical Science	24-03-2025 to 29-03-2025

46	Smt. G Pushpa Latha	National Workshop on Academic Writing	Sri Venkateswara University, Tirupati	03-04-2025 to 04-04-2025
47	Dr T Satya	IP Awareness/Training program	National Intellectual Property Awareness Mission	21-04-2025
48	Sri G Venkatarami Reddy	International Conference on Applied Mathematics and Computing 2025	VIT, AP	17-05-2025 to 19-05-2025

b. NPTEL/NITTT/Other Certification course Completed by Faculty:

NPTEL Course				
S. No	Name of Faculty	Name of The Course	Duration	Period (Month - Month, Year)
1	Dr G Ujwala	Elementary Electrochemistry	8 Weeks	Jan-Mar, 2025
2	Smt. B Munilakshmi	Leadership and Team Effectiveness	12 Weeks	Jan-Apr, 2025
3	Dr K Aparna	Leadership and Team Effectiveness	12 Weeks	Jan-Apr, 2025
4	Sri Kurudi Suresh	The Science of Light Amplification: An Extensive Laser Course	12 Weeks	Jan-Apr, 2025
5	Smt. G Pushpa Latha	Trauma and Literature	12 Weeks	Jan-Apr, 2025
6	Dr T Satya	Industrial Inorganic Chemistry	12 Weeks	Jan-Apr, 2025
7	Sri Kotha Raghavendra	Outcome Based Pedagogic Principles for Effective Teaching	4 Weeks	Feb-Mar 2025
8	Sri Kotha Raghavendra	Introduction to Probability Theory and Statistics	12 Weeks	Jan-Apr, 2025
9	Dr Nasreen Noor	Enhancing Soft Skills and Personality	8 Weeks	Feb-April 2025

3. Faculty Publications:

Journals					
S. No	Author	Title	Name of the Journal	Indexing	Month, Year
1	Dr K Subhashini	A Result on Rings of Type (p.q.r)-(r.q.p)	Journal of Computational Analysis and Applications	SCOPUS	Jan, 2025

2	Dr K Jyothi	Neural Network- Assisted Analysis of MHD Boundary Layer Flow and Thermal Radiation Effects on SWCNT Nanofluids with Maxwellian and non-maxwellian models	Multiscale and Multidisciplinary Modelling, Experiments and Design	ESCI	Jan, 2025
3	Dr K Jyothi	Neural Network Modelling of CuO/Au Hybrid Nanofluid Thermal Performance with Slip Effects for Advanced Process Applications	Processes	SCIE	Feb, 2025
4	Dr V Raghavendra Prasad	Effects of hall current and thermal diffusion on unsteady MHD rotating flow of water-based Cu, and TiO ₂ nanofluid in the presence of thermal radiation and chemical reaction	Multiscale and Multidisciplinary Modelling, Experiments and Design	ESCI	Feb, 2025
5	Dr A P Lingaswamy	Enhanced physical and optoelectronic properties of Ag-doped SnS thin films	Chalcogenide Letters	SCIE	Feb, 2025
6	Dr G Ujwala	Development and Characterization of Silicotungstic acid –loaded Sodium Polymeric Composite Membranes for Pervaporation Applications	Asian Journal of Chemistry	SCOPUS	March, 2025
7	Sri A Ganesh	Tunable Blue-Yellow Emission in LaInO ₃ :Bi ³⁺ , Dy ³⁺ Phosphors via Polyol Synthesis for Advanced LED Applications	Asian Journal of Chemistry	SCOPUS	March, 2025
8	Sri K Suresh	Synthesis & Photoluminescence Studies of Yttrium Zirconate (YZO) Phosphors Powdered Doped with Bi ³⁺ ions	Proceedings on Engineering Sciences (PES)	SCOPUS	March, 2025
9	Sri K Raghavendra	Assessment of Dapagliflozin bu using HPLC-Method development, Vaidation and stability indicating studies	Journal of Neonatal Surgery	SCOPUS	March, 2025
	Smt. Shahina Nikhath	Effects of Hall current and diffusion thermo of three dimensional rotating and radiating Casson hybrid nanofluid flow over a stretched surface	Multiscale and Multidisciplinary Modelling, Experiments and Design	ESCI	April, 2025

10	Dr K Jyothi	Neutral network-driven analysis of MHD boundary layer flow and heat transfer in Sisko nanofluids	Multiscale and Multidisciplinary Modelling Experiments and Design	ESCI	May, 2025
11	Smt. Ancha Jerusha	Navigating Gender Dynamics: a BALLI Based Perspective of Engineering Students' Language Learning	Power of Knowledge	UGC Care	May, 2025
12	Dr G Ujwala	Ionic cross-linked pH-responsive hydrogel beads loaded with nickel cobaltite nanoparticles for controlled release of doxorubicin	Colloid and Polymer Science	SCIE	June, 2025
13	Dr A P Lingaswamy	Effects of aligned magnetic field and thermal radiation on an unsteady MHD Jeffrey nanofluid flow past an isothermal inclined plate	Theoretical and Mathematical Physics	SCIE	June 2025
14	Sri K Viswanath	Effect of Thermo physical aspects of radiant-heating on an unsteady magneto hydrodynamic hybrid nanofluid flow	Theoretical and Mathematical Physics	SCIE	June 2025
Conference					
S. No	Author	Title	Name of the Conference	Held at	Month, Year
1	Dr A. P. Lingaswamy	A Review on analysis of Surface Ozone Concentration over India	Proceedings of International Conference on Advances in Computational Mathematics and Applied Physical Sciences (ICACMAPS-2025), Recent sustainable developments in Science and Engineering Vol 1	G. Pulla Reddy Engineering College, Kurnool	June, 2025

2	Dr T Satya	RP-HPLC Methods for Quantitative Measurement of Dapagliflozin and Canagliflozin Development and Validation	Proceedings of International Conference on Advances in Computational Mathematics and Applied Physical Sciences (ICACMAPS-2025), Recent sustainable developments in Science and Engineering Vol 1	G. Pulla Reddy Engineering College, Kurnool.	June, 2025
3	Dr A Vijay Kumar	Nutrition for Champions: The Athlete's Path to Peak Performance	Proceedings of International Conference on Advances in Computational Mathematics and Applied Physical Sciences (ICACMAPS-2025), Recent sustainable developments in Science and Engineering Vol 1	G. Pulla Reddy Engineering College, Kurnool.	June, 2025
Book Chapters					
S. No	Author	Title	Name of the book	Publisher	Month, Year
1	Dr V Rangaveni	Statistical Analysis of Watershed Management-A Case Study	7 th International Anatolian Scientific Research Congress (Proceedings Book)	IKSAD Publications	April, 2025

4. Faculty Achievements:

Dr E. Nirmala Devi has been awarded a PhD for her thesis entitled “High Yield Synthesis of ZnO and TiO₂ nanoparticles and their application” from Rayalseema University on 9-04-2024.

5. New faculty Recruited:

S.No	Names of Faculty	Department	Designation	Qualification	Photo
1	Ms. Sreeja	H&BS	Assistant Professor	M.A	
2	Ms. K. Swarna	H&BS	Assistant Professor	M.A	

Bhuvanavijayam

S. No.	Name of the activity	Held on (Date)	No. of Participants
1	Cultural and Literary Competitions under UDAAN-2025	06-01-2025 to 29-01-2025	280
2	Rangoli competition in association with EENADU group as part of Sankranthi celebrations	07-01-2025	36
3	Eco Film Festival in association with BABUL Films Society, NGO from Hyderabad	08-01-2025	1000
4	Awareness program on community service and extra academic activities	21-01-2025	240
5	Program on Road safety as part of National road Safety Month	27-01-2025	330
6	Cultural event on college annual day	22-02-2025	3000
7	Talk on Short Film Making	01-04-2025	160
8	Seminar on Exam Stress Management	08-04-2025	165
9	Commemoration of World Earth Day	22-04-2025	145

Centre for Awareness and Discussions (CAD)

S. No.	Name of the activity	Held on (Date)	No. of Participants
1	Elocution	23-01-2025	20
2	Awareness talk on Road Safety	27-01-2025	300
3	JAM	03-02-2025	56
4	World Cancer Day	04-02-2025	180
5	Awareness on CAD forum	10-02-2025	59
6	Preparation strategy for competitive exams	10-03-2025	57
7	Awareness on NSS	18-03-2025	156
8	Film making workshop	01-04-2025	248
9	Group Discussion	07-04-2025	55
10	Exam stress management and emotional strength management	08-04-2025	205
11	How to overcome stage fright	21-4-2025	56

EXTENSION ACTIVITY FORUM

S. No.	Name of the Event	Held on	No. of students participated
1	Role of Students in Institute Ranking (NIRF, NAAC, NBA)	03-01-2025	90
2	Byte by Byte: Shaping Future Tech Leaders	03-01-2025	25
3	Your Future, Your Dream	06-01-2025	20
4	An Outreach Programme on IOT	06-01-2025	50
5	Eco Film Festival	08-01-2025	400
6	Awareness Program on Road Safety	06-01-2025	420
7	Breaking Barriers, Building Equality: The Power of Gender Sensitization	01-02-2025	95
8	Fighting Cancer Together: Awareness, Action, and Hope	04-02-2025	260
9	Voices for Change: Tackling Society's Challenges Together	10-02-2025	63
10	Empowering Young Learners	25-02-2025	40
11	One Nation One Election for "Vikasit Bharath	10-03-2025	45
12	Unlock Your Potential: College Forums Awareness Program	18-03-2025	160
13	Empowering Innovation: IEEE Awareness Program	24-03-2025	95
14	Sense-O-Mania: Games Beyond Sight	25-03-2025	10
15	Stress Management and Emotional Strength	08-04-2025	150
16	Ace the Pressure: Master Exam Stress & Boost Performance	15-04-2025	160
17	Our Power, Our Planet	22-04-2025	120

NSS ACTIVITIES

S. No	Name of the event	Held on	No. of Participants
1.	National Youth Day	10-01-2025	100
2.	Awareness program on Road safety rules	27-01-2025	500
3.	World Cancer Day	04-02-2025	200
4.	Power of habits	08-02-2025	300
5.	Blood donation Camp	21-03-2025	60
6.	International Earth Day	22-04-2025	150

Vivekananda Community Service (VCS)

S. No.	Name of the activity	Held on	No. of Participants
1	Winter cloth Distribution	08-01-2025	Total 30 students participated in this event as volunteers
2	National youth day- Competitions	08-01-2025 & 09-01-2025	Total 102 students participated in this event
3	National youth day Celebrations	10-01-2025	Total 102 students participated in this event
4	Road Safety Awareness Program	27-01-2025	Total 150 students participated in this event
5	Blood Donation camp	21-03-2025	Total 50 students participated in this event as volunteers.
6	Service Camp on “SRISAILAM SIVA BHAKTA SEVA SIBIRAM”	21-03-2025 to 22-03-2025	Total 75 students participated in this event as volunteers
7	Service Camp towards Naagalooti Veerabhadra swamy temple	23-03-2025	Total 75 students participated in this event as volunteers
8	Film Making Event	01-04-2025	Total 90 students participated in this event.
9	A workshop on “Exam stress Management & performance Booster”.	15-04-2025	Total 150 students participated in this event.
10	Program on “Earth Day”.	22-04-2025	Total 90 students participated in this program.
11	Received appreciation from district authority	14-06-2025	-

WOMEN'S CELL

S. No.	Name of the Event	Held on	No. of students participated	Resource Person
1.	International Environmental film festival in association with Babul Eco Film Festival	08-01-2025	800	--
2.	Hackathon on Gender Inclusivity in association with Coders' Club and IEEE WIEAG	22-01-2025	50	--
3.	Poster Design competition to promote Gender Inclusivity in association with IEEE WIE Ag	27-01-2025	16	--
4.	International Women's Day-2025	08-03-2025	150	--
5.	Women's Cell of GPREC and T&P Cell in association with KP's 21 st Century IAS Academy, Hyderabad conducted orientation session on Personality Development and Career Counselling.	11-04-2025	600	Sri Krishna Pradeep, CEO, KP's 21 st Century IAS Academy, Hyderabad

6.	Workshop on Exam Stress Management and Emotional Strength in collaboration with YOURDOST..	15-04-2025	1150	Ms. M. Aparna, wellness coach from Yourdost
7.	Women's Cell & EAGLE Club of GPREC organized an awareness session on Narcotics.	15-04-2025	350	Members of EAGLE club from Police Department, Kurnool

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	29-01-2025	56
2	Yoga and meditation of GPREC conducted awareness program on yoga	31-01-2025	58
3.	Yoga and meditation of GPREC conducted awareness program on yoga	05-02-2025	50
4.	Yoga and meditation of GPREC conducted awareness program on yoga	06-02-2025	52
5.	Yoga and meditation of GPREC conducted awareness program on yoga	07-02-2025	54
6.	Yoga and meditation of GPREC conducted awareness program on yoga	13-02-2025	56
7.	International yoga day celebrated at Amphi theatre, GPREC, Kurnool	21-06-2025	30 (faculty)

Games & Sports

S. No.	Name of the Event	Held on	No. of students participated
1	UDDAN –Intramural Competitions-2025	20-01-25 to 01-02-25	600
2	Participated in Eenadu Zonal districts (Rayalaseema) Cricket tournament.	11-01-25 to 12-01-25	14
3	Participated in VERVE-2025 - XI National Level Inter Engineering College Sports meet for women is organized by G. Narayanamma Institute of Technology & Science, Hyderabad.	27-02-25 to 01-03-25	15

University Participation:

S. No.	Name of the Student	Year	Branch	Roll No.	Event
1.	Mr. Ambati Pranay	II	ECE	229X1A0432	Badminton (M)
2.	Ms. K. Sreevani Ganapathi	IV	EEE	229X5A02E0	Kho-Kho (W)
3.	Mr. Boya Raja Shekar	III	ME	239X5A03A8	Kho-Kho (M)
4.	Mr. S. Bhavani Prasad	IV	ME	219X1A0384	Hockey (M)
5.	Mr. Pulyala Sreekanth Reddy	III	CSE	229X1A05J7	Football (M)
6.	Mr. Rudrakshala Surya	III	CSE	229X1A0562	Football (M)
7.	Mr. Kodadala Rohith Reddy	IV	CE	219X1A0168	Handball (M)
8.	N.K. Deekshith	III	ECE	229X1A04C3	Handball (M)

Center for Innovation and Entrepreneurship (CIE)

S. No.	Name of the activity	Held on (Date)	No. of Participants
1.	Innov8	20 January to 25 January 2025	41

CODERS CLUB

S. No.	Name of the activity	Held on (Date)
1.	Gender Inclusivity Round 1	22-01-2025
2.	Code Symposium	08-03-2025

COMPUTER SOCIETY OF INDIA (CSI)

S. No.	Name of the activity	Held on (Date)	No. of Participants
1.	Mindmaze	06.01.2025	50
2.	Prime Programming	20.01.2025	56
3.	Tech Fleet	20.01.2025	60
4.	Code Crunch	21.01.2025	55
5.	Riddle Realm	23.01.2025	42
6.	Bug Bash	27.01.2025	69
7.	Coding Contest in C	28.01.2025	65
8..	TechXplore	10.02.2025	55
9.	Bug Buster	24.02.2025	37
10.	Logic Build	25.02.2025	37
11.	Bugsnax	03.03.2025	46
12.	Tech Fest	04.03.2025	36
13.	Code Catalyst	06.03.2025	44

14.	Code Vita	11.03.2025	50
15.	Code Quiz	17.03.2025	51
16.	Tech Sphere	18.03.2025	31
17.	Visual Search	24.03.2025	61
18.	Reboot	24.03.2025	56

ENGLISH CLUB

S. No.	Name of the activity	Held on (Date)	No. of Participants
1.	Creative Writing	23.01.2025	26

IEEE

S. No.	Name of the activity	Held on (Date)	No. of Participants
1.	Interactive Session on Agri – Drone Elevating Farming with Drone Technology	03.01.2025	14
2.	Brainy Blanks	10.01.2025	43
3.	Outreach Program on Digital Detachment, Good Touch and Bad Touch	23.01.2025	52
4.	Technical Talk on It's my Journey Towards Electronics	24-01.2025	58
5.	national level technical fest "WAVE Front-25". Hands-on Session on RAN technologies, Paper Presentations, Visual Abstracts, and Technical Puzzles	23.01.2025 to 25.01.2025	1) Workshop 80 Non-IEEE members 2) Lecture 80 Non-IEEE members, Paper Presentation 20, Non-IEEE members and Tech Puzzle 45 members
6.	Outreach Program on "Automatic Fan Speed Control using Arduino"	06.01.2025	50
7.	"Unlock Creativity" ROUND 1: CONCOCT	09.01.2025	24
8..	ROUND 2: CONCEIT	22.01.2025	12
9.	'Tech Trolls'	08.01.2025	25
10.	Tech Trek Live 2.0'	10.01.2025	25
11.	'Challenge Byte	24.01.2025	45
12.	'IEEE Ignite'	25.01.2025	40
13.	Code Craft"	06.01.2025	130
14.	"Unlock the Logic"	27.01.2025	97
15.	One Day Student Congress on ANOKHA 6.0 -Accelerate Action	01.02.2025	316
16.	Expert Talk on Stress Management by Kanaka SindhuNataraj Counselor and Life skills trainer	01.02.2025	89

17.	A session on Lines of Imagination: Unleashing the Artist Within	01.02.2025	43
18.	SUNSPARK SAFARI – Industrial Visit to Ultra Mega Solar Park, Gani	15.02.2025	100
19.	“Gender Equality	01.02.2025	150
20.	administrative meeting	11.02.2025	28
21.	Project Demonstration on “Landmines Detecting Robotic Vehicle with GPS Positioning.”	17.02.2025 to 19.02.2025	60
22.	administrative meeting	11.02.2025	28
23.	AI Based Object Recognition and Tracking with Speakout	17.02.2025 to 19.02.2025	50
24.	administrative meeting	11.02.2025	28
25.	Project Demonstration on “Smart Glasses for Visually Disabled People”	17.02.2025 to 19.02.2025	50
26.	administrative meeting	11.02.2025	28
27.	Project Demonstration on “VOICE CONTROLLED ROBOTIC CAR FOR VARIOUS APPLICATIONS	17.02.2025 to 19.02.2025	32
28.	Fact Frenzy	10.02.2025	60
29.	Infinite story’	28.02.2025	40
30.	Neural Networks: Headfirst Into A Biological Perspective’	14.02.2025	35
31.	Mock Interview	20.02.2025	15
32.	Swadhikar ”Unleash Your Power,Claim Your Rights”	21.03.2025	100
33.	A Motivational Speech on Rise with Confidence: Your Key to Success"	08.03.2025	91
34.	An Interactive session on “She Leads, She Speaks”s"	19.03.2025	60
35.	A One Week Hands on Workshop on “Simulation of Power Electronics Converters using MATLAB	10.03.2025 to 15.03.2025	55
36.	A One Week Hands on Training and Workshop on “Arduino UNO and its Applications	17.03.2025 to 22.03.2025	55
37.	A One Day Workshop SwaAdhikar - “Unleash Your Power, Claim Your Rights	21.03.2025	135
38.	Interactive session on Career Catalyst: Unlocking Placement & GATE Potential	25.03.2025	120
39.	Interactive session on Career Catalyst: Unlocking Placement & GATE Potential	25.03.2025	128
40.	Crafting Creativity: The Art of Poster Making,	07.03.2025	18
41.	Brainiac Battles	22.03.2025	30
42.	“Unlock Creativity” third round– CONCUSSION	28.02.2025	08

43.	‘TechnoVision’	07.03.2025	30
44.	TechnoRizz	12.03.2025	30
45.	‘Unlocking AI: an Introductory Session (Out Reach Program)’	13.03.2025	35
46.	Guest lecture on Cybersecurity	01.03.2025	150
47.	Cyberbullying	03.03.2025	38
48.	Algoverse	17.03.2025	67
49.	Mind Riddle’	27.03.2025	54
50.	Technova: The Final Fun’	28.03.2025	36
51.	A Guest Lecture titled“Robotics & AI Applications and Opportunities”	12.04.2025	64
52.	webinar titled “Benefits of ComSoc & Awareness	23.06.2025	25
53.	Connect & Thrive (Awareness Programme)	27.06.2025	45

INDIAN SOCIETY FOR TECHNICAL EDUCATION (ISTE)

S. No.	Name of the activity	Held on (Date)	No. of Participants
1.	Mind Mash	03.01.2025	33
2.	Build the Words	08.01.2025	23
3.	Memory Hunt	22.01.2025	55
4.	AI Mirror: Recreate the Art	27.02.2025	24
5.	Mind Spark	28.03.2025	38



On **30 June 2025**, a superannuation function was held in honor of Sri G. Nagesh Kumar, Senior Assistant Professor in the Department of Civil Engineering. The faculty and staff extended their best wishes and appreciated his dedicated service to the institution.



On **10 January 2025**, G. Pulla Reddy Engineering College organized the International Conference on Advances in Computational Mathematics and Applied Physical Sciences, providing a platform for researchers, academicians, and industry experts to present and discuss recent developments in computational mathematics and applied physical sciences.



On **21 February 2025**, the UDAAN Sports and Cultural Prize Distribution Ceremony was held at G. Pulla Reddy Engineering College to recognize and honor students for their outstanding achievements in various sports and cultural events.



On **27 January 2025**, a Road Safety Awareness Programme was organized at G. Pulla Reddy Engineering College. Smt. Shantha Kumari, District Transport Officer, addressed the students on the importance of road safety, responsible driving practices, and adherence to traffic rules to promote safer roads and prevent accidents.



Student Editorial and Design Team

G.Krupakar, VII Semester, CE

M Venkata Bhanu Teja, IV Semester, CSE

G. Haripriya, IV Semester, ECE

S.Gngadhar, VII Semester, CSBS, (ECS)

D.Pujitha, V Semester, EEE

M Kumar, VII Semester, ME



On **10 April 2025**, the 16th Death Anniversary of the Founder Treasurer, Rev. R. V. Seshacharlu, was solemnly observed on the GPREC campus. Members of the management, faculty, staff, and students paid floral tributes and remembered his invaluable contributions to the growth and development of the institution.



On **21 February 2025**, the Principal, Dr. B. Sreenivasa Reddy, extended a warm welcome to the delegation from the University of North Texas, along with distinguished alumni Mr. Vikas Sinha and Ms. Anuradha Sinha, during their visit to G. Pulla Reddy Engineering College to strengthen academic and collaborative initiatives.



On **18 January 2025**, a Scholarship Disbursement Programme was organized to award scholarships to meritorious students pursuing Intermediate, Degree, B.Tech, and MBBS programmes, fulfilling the vision of the Founder Chairman, Sri G. Pulla Reddy, of supporting deserving students through quality education and financial assistance.