



G. PULLA REDDY ENGINEERING COLLEGE

(AUTONOMOUS)

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

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

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

Affiliated to JNTUA, Anantapuramu.

NEWS LETTER



VOLUME 4



ISSUE 1



JANUARY - JUN
2023



7 January 2023: The Emerging Technologies Block in the Computer Science Block was inaugurated on the college campus by Sri G. Raghava Reddy, Managing Trustee of G. Pulla Reddy Charities Trust, in the presence of Sri P. Subba Reddy, Chairman of the College. Sri G. Ekambara Reddy, Trustee of G. Pulla Reddy Charities Trust, was also present on the occasion. Chairman of the College.



On **12 January 2023**, the 160th Birth Anniversary of Swami Vivekananda was celebrated as National Youth Day on the college campus. Sri B. Sreenivas Reddy, Deputy Commandant, Indo-Tibetan Border Police (ITBP), addressed the students and inspired them with his talk on personality development and emotional intelligence, highlighting the ideals and teachings of Swami Vivekananda.



Sri. P. Subba Reddy
Chairman



Sri. B. Sreenivasa Reddy
Principal



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Editorial Board

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Asst. Prof. of H&BS

Miss S. Sreeja
Asst. Prof. of H&BS



On **26 January 2023**, the 74th Republic Day was celebrated with patriotic fervour on the college campus. The celebrations commenced with the unfurling of the National Flag, followed by the National Anthem and an address highlighting the significance of the Constitution, democratic values, and the spirit of national unity.



On **22 February 2023**, the Annual Day was celebrated with great enthusiasm on the college campus. The programme showcased the institution's achievements and provided a platform to recognize and appreciate the academic, co-curricular, and extracurricular accomplishments of students and

DEPARTMENT OF CIVIL ENGINEERING

1. Events conducted/ organized:

- The Department of CE organized a two-day Workshop on *Data Analysis using R software* on 27th & 28th March, 2023. The workshop aimed to provide participants with a foundational understanding of data analysis using R software, enabling them to efficiently import, process, analyze, and visualize data.
- The Department of CE organized an invited talk on *Opportunities for Civil Engineers & Internship Importance* by Er.S.G.Ashok Kumar, Founder CEO, Construction Management Training Institute (CMTI), Bengaluru on 4th April, 2023.
- The Department of CE conducted a Guest Lecture on *Inter Linking of Rivers* by Dr. L.Thimmaiah, Professor of Civil Engineering and Ex-Principal, Sri. K.V. Subba Reddy Institute of Technology, Kurnool on 29th April, 2023.
- The Department of CE conducted *Awareness and Motivation Session on GATE* by Dr. M. Keshava Reddy, Professor, ACE Engineering College, Hyderabad on 11th May, 2023.
- The Department of CE conducted a Guest Lecture on *The Citizenry of Engineers & an Interactive Session* by Dr. P. Shiva Prasad Reddy, Design Consultant, Canada (Alumni of CED, GPREC) on 12th May, 2023.

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. B.J.S. Vara Prasad	International Symposium on Current Trends in Water and Wastewater Infrastructure Modeling and Treatment	IIT Hyderabad	09-01-2023
2	J. Sravani	Three Day Workshop Webinar on Disaster Management Forecasting and Mitigation with Embedded Systems	NIDM	09-01-2023 to 11-01-2023
3	Dr. R. Sushmita	Five Day FDP Program on "Recent Advancements in Sustainable Energy Storage & Conversion	GPREC	23-01-2023 to 27-01-2023
4	Dr. P. Lakshmi Sruthi	One Week FDP Program on RAWRGT&HS	Vardhaman College of Engineering-Hyderabad	30-01-2023 to 04-02-2023
5	Y.Yashwanth Kumar	One Week FDP Program on RAWRGT&HS	Vardhaman College of Engineering-Hyderabad	30-01-2023 to 04-02-2023

6	C.Bala Sai	6 Day FDP Program on “Applications of AIML in Civil Engineering”	ACE Engineering College-Hyderabad	30-01-2023 to 04-02-2023.
7	Dr. K.Satish Kumar (Ph.D - Jan 2023)	One Week FDP Program on RAWRGT&HS	Vardhaman College of Engineering-Hyderabad	30-01-2023 to 04-02-2023
8	Dr. P.Lakshmi Sruthi	Two Day FDP on Higher Education Institution’s preparedness for NEP 2020	Gokaraju Rangaraju Institute of Engineering & Technology-Hyderabad	03-02-2023 to 04-02-2023
9	Dr. R. Sushmita	One Week FDP Program on Recent Trends in Civil Engineering	JB Institute of Engineering & Technology-Hyderabad	20-02-2023 to 25-02-2023
10	Dr. R. Sushmita	One Week FDP Program on Applications to AIML in Civil Engineering	Seshadri Rao Gudlavalleru Engineering College- Gudlavalleru	20-02-2023 to 25-02-2023
11	J. Sravani	One Week FDP Program on Applications to AIML in Civil Engineering	Seshadri Rao Gudlavalleru Engineering College- Gudlavalleru	20-02-2023 to 25-02-2023
12	K. Narendra Kumar	One Week Workshop Program on Opportunities and Challenges in IT Sector	GPREC	06-03-2023 to 11-03-2023
13	Dr. P. Lakshmi Sruthi	Six Day Workshop Program on Effective Filing of NAAC AQAR-Streamlining Institutional Performance	Vardhaman College of Engineering-Hyderabad	13-03-2023 to 18-03-2023
14	Dr. R. Sushmita	Six Day Workshop Program on Effective Filing of NAAC AQAR-Streamlining Institutional Performance	Vardhaman College of Engineering-Hyderabad	13-03-2023 to 18-03-2023
15	P. Manoj Kumar	Six Day FDP Program on Effective Filing of NAAC AQAR-Streamlining Institutional Performance	Vardhaman College of Engineering-Hyderabad	13-03-2023 to 18-03-2023
16	J. Sravani	Six Day Workshop Program on Effective Filing of NAAC AQAR-Streamlining Institutional Performance	Vardhaman College of Engineering-Hyderabad	13-03-2023 to 18-03-2023
17	Dr. P. Lakshmi Sruthi	Two Day Workshop Program on Sustainable Construction for Disaster Mitigation	INDIAN Society of Earthquake Technology	23-03-2023 to 24-03-2023
18	P. Manoj Kumar	Five Day FDP Program on Sustainable Construction Techniques	Sathyabama Institute of Science and Technology-Chennai	27-03-2023 to 31-03-2023

19	J. Sravani	Two Day Workshop Program on DATA Analysis using 'R' Software	GPREC	27-03-2023 to 28-03-2023
20	J. Sravani	5 Days FDP Program on Sustainable Construction Techniques	Sathyabama Institute of Science and Technology- Chennai	27-03-2023 to 31-03-2023
21	Dr. R. Sushmitha	One Week FDP Program on Computational Modelling of Materials	Madanapalle Institute of Technology & Science- Madanapalle	08-05-2023 to 12-05-2023
22	Dr. R. Sushmitha	One Week FDP Program on Smart Materials & System	AICTE – VTU Join Teachers Training Program.	29-05-2023 to 02-05-2023
23	Dr. R. Sushmitha	Five Day FDP Program on Technological Advancements in Civil Engineering	Mangalam College of Engineering-Kottayam	19-06-2023 to 23-06-2023

3. Faculty Publications:

Journals					
S. No	Author	Title	Name of the Journal	Indexing	Month, Year
1	Dr. K. V. S. Gopala Krishna Sastry	Effect of lime and silica fume on mechanical and durable properties of fly ash and GGBS based geopolymer concrete	International Journal: Journal of Emerging Technologies and Innovative Research	UGC	January 2023
2	Dr. K. V. S. Gopala Krishna Sastry	Development of self-compacting concrete using sewage sludge ash and cotton stalk ash	International Journal: Journal of Emerging Technologies and Innovative Research	UGC	January 2023
3	Dr.K.V.S.Gopala Krishna Sastry	Effect of using mineral admixtures on properties of concrete by addition of basalt fibres	International Journal:Dogo Rangsang Research journal	UGC	January 2023
4	Dr. K. V. S. Gopala Krishna Sastry	Effect of agro waste ash on the properties of recycled coarse aggregate concrete	International Journal: Journal of Emerging Technologies and Innovative Research	UGC	January 2023
5	Dr. M. Srinivasa Reddy	Devopment of self-compacting concrete using sewage sludge ash and cotton stalk ash	International Journal: Journal of Emerging Technologies and Innovative Research	UGC	January 2023

6	Dr. M. Srinivasa Reddy	Effect of agro waste ash on the properties of recycled coarse aggregate concrete	International Journal: Journal of Emerging Technologies and Innovative Research	UGC	January 2023
7	G. Nagesh Kumar	Effect of using mineral admixtures on properties of concrete by addition of basalt fibres	International Journal: Dogo Rangsang Research journal	UGC	January 2023
8	G. Nagesh Kumar	Effect of agro waste ash on the properties of recycled coarse aggregate concrete	International Journal: Journal of Emerging Technologies and Innovative Research	UGC	January 2023
9	G. Nagesh Kumar	Effect of Wollastonite and GGBS as partial replacement on the properties of concrete	Journal of Emerging Technologies and Innovative Research	UGC	January 2023
10	P. Eswanth	Effect of using mineral admixtures on properties of concrete by addition of basalt fibres	International Journal: Dogo Rangsang Research journal	UGC	January 2023
11	P. Eswanth	Effects of Metakaolin on Flyash-GGBS Based Geopolymer Concrete with Partial Replacement of Fine Aggregate with Quartz Sand	International Journal of All Research Education and Scientific Methods	UGC	January 2023
12	P. Manoj Kumar	Effects of Metakaolin on Flyash-GGBS Based Geopolymer Concrete with Partial Replacement of Fine Aggregate with Quartz Sand	International Journal of All Research Education and Scientific Methods	UGC	January 2023
13	M. Deepak	Effect of lime and silica fume on mechanical and durable properties of fly ash and ggbs based geopolymer concrete	International Journal: Journal of Emerging Technologies and Innovative Research	UGC	January 2023
14	M. Deepak	Effects of Metakaolin on Flyash-GGBS Based Geopolymer Concrete with Partial Replacement of Fine Aggregate with Quartz Sand	International Journal of All Research Education and Scientific Methods	UGC	January 2023
15	C Chandana Priya	Study on Compression Strength of Concrete Along with Replacement of Fines with Granite Powder	Journal of Ceramics and Concrete Sciences	Google Scholar	January 2023
16	C Chandana Priya	Effect of lime and silica fume on mechanical and durable properties of fly ash and GGBS based geopolymer concrete	International Journal: Journal of Emerging Technologies and Innovative Research	UGC	January 2023

4. Faculty Achievements:

Dr. K Satish Kumar, Assistant Professor was awarded his **Doctor of Philosophy (Ph.D)** degree on the topic “**Drought assessment in South Indian River basins using reconstructed GRACE data to examine terrestrial water storage and teleconnections**” from National Institute of Technology, Warangal on 12-01-2023.

5. New faculty Recruited:

S. No	Name of the Faculty	Designation	Qualification	Photo
1	Sri. K. Sudhakar Reddy	Assistant Professor	M.Tech	

6. Up gradation of Lab Equipment:

For the Fluid Mechanics and Hydraulic Machinery Laboratory, the Orifice and Mouthpiece setup was procured on 17th February 2023 at a cost of ₹1,12,000, under the supervision of Lab In-charge, Dr. P. Lakshmi Sruthi, Assistant Professor, CED



Orifice and Mouthpiece

1. Student Achievements:

1. Mr. S. Pavan Kumar Reddy (Roll No: 209X5A01C9) Selected for L&T Build India Scholarship of 7 Lakhs for M.Tech Programme at IIT Madras.

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

1. Events conducted/ organized:

The Department of Computer Science and Engineering (CSE), in association with the ISTE AP Section, organized a five-day FDP on "Data Science and Its Applications" from 24-04-2023 to 28-04-2023.

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.N.Kasiviswanath	A one-day national level webinar on "Intellectual Property Commercialization"	Turnship Innovation Pvt.Ltd	21-01-2023
2	D.Sowmya	A One day workshop on "Digital Creativity Skills"	AITCE, ATAL	22-01-2023
3	K Gayathri	A One day workshop on "Digital Creativity Skills"	AITCE, ATAL	22-01-2023
4	M Dhanalakshmi	A One day workshop on "Digital Creativity Skills"	AITCE, ATAL	22-01-2023
5	B Swathi	A One day workshop on "Digital Creativity Skills"	AITCE, ATAL	22-01-2023
6	C Ratna Prabha	A One day workshop on "Digital Creativity Skills"	AITCE, ATAL	22-01-2023
7	P Rama Rao	A One day workshop on "Digital Creativity Skills"	AITCE, ATAL	22-01-2023
8	K Sirisha	A One day workshop on "Digital Creativity Skills"	AITCE, ATAL	22-01-2023
9	D L N Prasunna	A One day workshop on "Digital Creativity Skills"	AITCE, ATAL	22-01-2023
10	K.Gayathri	A five day's FDP on AICTE Incorporation Universal Human Values in education	AICTE	06-02-2023 to 10-02-2023
11	C Ratna Prabha	A five day's FDP on AICTE Incorporation Universal Human Values in education	AICTE	06-02-2023 to 10-02-2023
12	B Swathi	A five day's FDP on AICTE Incorporation Universal Human Values in education	AICTE	06-02-2023 to 10-02-2023
13	K Sirisha	A five day's FDP on AICTE Incorporation Universal Human Values in education	AICTE	06-02-2023 to 10-02-2023
14	M Dhanalakshmi	A five day's FDP on AICTE Incorporation Universal Human Values in education	AICTE	06-02-2023 to 10-02-2023

15	M Dhanalakshmi	A six days Workshop on “Effective Filling of NAAC AQAR-Streamlining Institutional Performance”	IQAC, Vardhaman College of Engineering, Hyderabad	13-03-2023-18-03-2026
16	T. Swathi	A six days Workshop on “Effective Filling of NAAC AQAR-Streamlining Institutional Performance”	IQAC, Vardhaman College of Engineering, Hyderabad	13-03-2023-18-03-2026
17	D.Sowmya	A two day workshop on “Data Analysis using R Software”	GPREC, Kurnool	27-03-2023 to 28-03-2023
18	M Anand	A two day workshop on “Data Analysis using R Software”	GPREC, Kurnool	27-03-2023 to 28-03-2023
19	R Sandeep Kumar	A two day workshop on “Data Analysis using R Software”	GPREC, Kurnool	27-03-2023 to 28-03-2023
20	M Dhanalakshmi	A two day workshop on “Data Analysis using R Software”	GPREC, Kurnool	27-03-2023 to 28-03-2023
21	Y R Janardhan Reddy	A five day’s FDP on Data Science & its Applications	SRIT, Ananthapuramu in association with ShreeTech Innovative IT R&D, Madurai	03-04-2023 to 07-04-2023
22	M Dhanalakshmi	A five day’s FDP on Data Science & its Applications	SRIT, Ananthapuramu in association with ShreeTech Innovative IT R&D, Madurai	03-04-2023 to 07-04-2023
23	B Swathi	A five day’s FDP on Data Science & its Applications	SRIT, Ananthapuramu in association with ShreeTech Innovative IT R&D, Madurai	03-04-2023 to 07-04-2023
24	R Sandeep Kumar	A five day’s FDP on Data Science & its Applications	SRIT, Ananthapuramu in association with ShreeTech Innovative IT R&D, Madurai	03-04-2023 to 07-04-2023
25	C. Ratna Prabha	A one day Professional Development workshop on “Digital Creativity Skills ”	Adobe Academic Essentials	05-04-2023
26	C K Indira	A one day Professional Development workshop on “Digital Creativity Skills ”	Adobe Academic Essentials	05-04-2023
27	M Dhanalakshmi	A one day webinar on “Web Development	GPREC, Kurnool	15-04-2023
28	Dr. G. Rajeswarappa	A five day’s FDP on Natural Language Processing (NLP)	VNR Vignana Jyothi Institute of Engineering & Technology	17-04-2023 to 21-04-2023
29	D. Sowmya	A five day’s FDP on Machine Learning in Big Data Analytics, Principles, and Techniques & Challenges	Narshima Reddy Engineering College.	17-04-2023 to 21-04-2023
30	L Sudha Rani	A five day’s FDP on Machine Learning in Big Data Analytics, Principles, and Techniques & Challenges	Narshima Reddy Engineering College.	17-04-2023 to 21-04-2023

31	B Thimma Reddy	A five day's FDP on Artificial Intelligence & Machine Learning Techniques	Anurag University	17-04-2023 to 21-04-2023
32	C K Indira	A five day's FDP on Innovative Teaching Learning Practices for preparation of NEP 2020	Department of AI and DS in association with Internal Quality Assurance Cell.	17-04-2023 to 21-04-2023
33	M. Dhanalakshmi	A five day's FDP on Ethical Hacking	Blackbuck Engineers and KKr & kSR Institute of Technology & Sciences	24-04-2023 to 28-04-2023
34	P. Sri Lakshmi	A five day's FDP on Ethical Hacking	Blackbuck Engineers and KKr & kSR Institute of Technology & Sciences	24-04-2023 to 28-04-2023
35	K. Gayathri	A five day's FDP on Ethical Hacking	Blackbuck Engineers and KKr & kSR Institute of Technology & Sciences	24-04-2023 to 28-04-2023
36	B Swathi	A five day's FDP on Ethical Hacking	Blackbuck Engineers and KKr & kSR Institute of Technology & Sciences	24-04-2023 to 28-04-2023
37	D Sowmya	A five day's FDP on Ethical Hacking	Blackbuck Engineers and KKr & kSR Institute of Technology & Sciences	24-04-2023 to 28-04-2023
38	K Sirisha	A five day's FDP on Ethical Hacking	Blackbuck Engineers and KKr & kSR Institute of Technology & Sciences	24-04-2023 to 28-04-2023
39	D L N Prasuna	A five day's FDP on Ethical Hacking	Blackbuck Engineers and KKr & kSR Institute of Technology & Sciences	24-04-2023 to 28-04-2023
40	C Ratna Prabha	A five day's FDP on Ethical Hacking	Blackbuck Engineers and KKr & kSR Institute of Technology & Sciences	24-04-2023 to 28-04-2023
41	C K Indira	A five day's FDP on Ethical Hacking	Blackbuck Engineers and KKr & kSR Institute of Technology & Sciences	24-04-2023 to 28-04-2023
42	B Gayathri	A five day's FDP on Ethical Hacking	Blackbuck Engineers and KKr & kSR Institute of Technology & Sciences	24-04-2023 to 28-04-2023
43	R Sandeep Kumar	A five day's FDP on Python Programming	EICT Academy ,IIT Kanpur	24-04-2023 to 28-04-2023
44	C K Indira	A five day's FDP on Recent advances in Data Science,Data Analytics and Cyber Security	Shri Vishnu Engineering College for Women (A),Bhimavaram.	08-05-2023 to 12-05-2023
45	T Swathi	A five day's FDP on Opportunities and Challenges in IT Sector:Software Mastery Bootcamp-Unlock Your Potential	Department of EEE in Association with Department of ECS and Microcare Academy, Kurnool.	08-05-2023 to 12-05-2023

46	C Ratna Prabha	A five day's FDP on Opportunities and Challenges in IT Sector:Software Mastery Bootcamp-Unlock Your Potential	Department of EEE in Association with Department of ECS and Microcare Academy, Kurnool.	08-05-2023 to 12-05-2023
47	T.Swathi	A five day's FDP Data Analytics using Power BI	G Narayanamma Institute of Technology and Science (for women) in Collaboration with ExcelRDate	15-05-2023 to 19-05-2023
48	L Sudharani	A five day's FDP Data Analytics using Power BI	G Narayanamma Institute of Technology and Science (for women) in Collaboration with ExcelRDate	15-05-2023 to 19-05-2023
49	P. Sreedevi	A five day's FDP Data Analytics using Power BI	G Narayanamma Institute of Technology and Science (for women) in Collaboration with ExcelRDate	15-05-2023 to 19-05-2023
50	P. Sri Lakshmi	A five day's FDP on Data Analytics using Power BI	G Narayanamma Institute of Technology and Science (for women) in Collaboration with ExcelRDate	15-05-2023 to 19-05-2023
51	Dr. N Kasiviswanath	A five day's FDP on Current Trends in Airtificial Intelligence & Machine Learning	Vardhaman College of Engineering	23-05-2023 to 27-05-2023
52	C Ratna Prabha	A five day's FDP on Education 5.O	Dr.MGR Educationl & Research Institute,Chennai.	23-05-2023 to 27-05-2023
53	T. Swathi	A five day's FDP on Data Analytics	APSSDC and ExcelR	05-06-2023 to 09-06-2023
54	M Dhanalakshmi	A five day's FDP on Data Analytics	APSSDC and ExcelR	05-06-2023 to 09-06-2023
55	K Sirisha	A five day's FDP on Data Analytics	APSSDC and ExcelR	05-06-2023 to 09-06-2023

3. Faculty Publications:

Journals					
S. No	Author	Title	Name of the Journal	Indexing	Month, Year
1	C K Indira	Ecofriendly Green Cloud Structure with Internet of Things for Astute Agriculture	Journal of pharmaceutical negative results	Scopus	February 2023

2	P.Sreedevi	FTOR-Mod PSO: A Fault Tolerance and an Optimal Relay Node Selection Algorithm for Wireless sensor networks using modified pso	Journal of Knowledge based systems	SCI	May 2023
3	D. Sowmya Y.Supriya P.SriLakshmi M.Anand	Multilayer Security and hiding data and videos Using Cryptography and Stenography	European Chemical Bulletin	Scopus	May 2023
4	M. Shashidhar C.Ratnaprabha Y.Janardhan Reddy P Rama Rao	Streamlit Application for Pneumonia Detection using Convolutional Neural Networks	European Chemical Bulletin	Scopus	June 2023

Conferences

S. No	Author	Title	Name of the Conference	Month, Year
1.	B.Swathi	International IEEE Conference on a Corpus	International IEEE Conference	January,2023
2	Dr.N. Kasiviswanath T.Swathi	Twitter based Emotion Recognition using BILSTM	International Conference on Emerging Trends in Engineering & Technology (ICETET 2023)	June 2023
3	P Sreedevi Y Supriya	Low Light Image Object Detection under poor Lighting conditions using YOLOv6	International Conference on Emerging Trends in Engineering & Technology (ICETET 2023)	June 2023
4	P Sri Lakshmi	A Novel Machine Learning approach for person Identification and Validation using Digital Forensics Methods	IEEE International Conference on Sustainable Computing and Smart Systems(ICSCSS 2023)	June 2023

3. New faculty Recruited:

S.No	Name of the Faculty	Designation	Qualification	Photo
1	Dr. G Rajeswarappa	Associate Professor	PhD	
2	Ms. Zufishan Maheen	Assistant Professor	M.Tech	
3	Y. Padma Srinath Reddy	Assistant Professor	M.Tech	

1. Student Achievements:

1. L. Vamsi Krishna(209X1A0599) , III year, Computer Science & Engineering, G.Pulla Reddy Engineering College has selected for the post of “Campus Ambassador-Scholarship program by AIOEAM CORPGLOBAL PVT LTD” offering with 20,000/- PA stay fund.Syeda Shireen Falakgot highest package of 11 LPA in Accolite Digital for the Academic year 2021-22.

2. G.Dilip, B.Uchith Kumar and S.Md.amaan students of II year CSE of G.Pulla Reddy Engineering College have developed project on “Analysis and Extraction of Data “ related to land survey of various villages under Kurnool district and got appreciation from Joint Collector & Additional District Migistrate.

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

1. Events conducted/ organized:

1. Dr P Abdul Khayum, Professor, Convener for A Two Day Workshop on "Mobile App Development and Applications" on 27th and 28th January 2023
2. Dr. D R Srinivas, Dr G Amjad Khan, Smt W Yasmeen organized A Five Day National Level Event – Techoledgica 2.0 at G.Pulla Reddy Engineering College (Autonomous): Kurnool from 25th to 29th April 2023.
3. A Five Day National Level Event – Techoledgica 2.0 at G. Pulla Reddy Engineering College (Autonomous): Kurnool from 25th to 29th April 2023.

2. Skill Upgradation Activities:

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.M.V.R.Vittal	Remote Sensing Essentials	IIT, Roorkee	January - April 2023
2.	Sri. B.Siva Reddy	Remote Sensing Essentials	IIT, Roorkee	January - April 2023
3.	A.Parvathi	Digital System Design	NPTEL SWAYAM	Jan-April, 2023
4.	K Lakshmi Devi	Remote Sensing Essentials	NPTEL SWAYAM	Jan-April, 2023
5.	K Lakshmi Devi	Mobile App Development With Flutter & Dart	Udemy	Nov-Jan 2023

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.	Sri L Lakshmi Prasanna Kumar	Development of Healthcare Architecture based on Cloud Technology and IoT Applications	IEEE Explore	ISBN: 978-1-6654-6408-6 \ Pages 1385-1388, May 2023, 1,23	Scopus
2.	Smt, Binduswetha Pasuluri	Vehicle with Learning Capabilities: A Study on Advancement in Urban Intelligent Transport Systems	IEEE Explore	Electronic ISBN:978-1-6654-9400-7, May 2023, 1,23	Scopus

3.	Dr P C Praveen Kumar, Sri. I Venkata Rameswar Reddy, Sri. K Ramakrishna, Sri. A Venkata Subba Reddy	Frequency Reconfigurable Twin Dfila Antenna With Varactor-Loaded Bc-Srr For 5g Applications	european chemical bulletin	ISSN 9231-7812 (6), 735 – 750 , June 2023, 1.6	Scopus
<u>Conferences</u>					
4.	Dr S M Shamsheer Daula, , G Amjad Khan, Dr G Ramesh	Performance Analysis Of Smart System For Coin Sorting And System For Coin Sorting And Counting	2nd International Conference on Innovative Research in Engineering ,Applied Science and Management	23 rd to 25 th February 2023	Conference
5.	Dr S M Shamsheer Daula	IEEE Mini Poco	2022 IEEE R10 Mini Panel Of Conference Organizers	18 November 2022	Conference
6.	Dr S M Shamsheer Daula	Evaluation of ARM Processor Performance in Network Router Applications	First International Conference on Advanced Engineering Research For Next Generation Technology (ICAERNGT – 2023)	27 th – 28 th January 2023	Conference
7.	Dr G Amjad Khan	Perfromance Enhancement of Microwave Filters using Mathematical Structures	First International Conference on Advanced Engineering Research For Next Generation Technology (ICAERNGT – 2023)	27 th – 28 th January 2023	Conference
8.	Dr.G.Amjad Khan, Sri M Devendra, Sri M Madhusudhan Reddy	Identifying Deceptive Profiles Using Machine Learning	2nd International Conference On Innovative Research In Engineering ,Applied Science And Management	23 rd to 25 th February 2023	Conference
9.	Dr. D. Rajasekhar	An Improved Machine Learning And Deep Learning Based Breast Cancer Detection Using Thermographic Images	Second International Conference On Electronics And Renewable Systems(ICEARS)	05 th April 2023	Conference
10.	Dr. D. Rajasekhar	Design of Compact Microwave Power Divider using Wireless Systems	First International Conference on Advanced Engineering Research For Next Generation Technology (ICAERNGT – 2023)	27 th – 28 th January 2023	Conference
11.	Dr J S T Thilagam	A Wideband Signal Analysis for Smart Antenna used in Vehicles	First International Conference on Advanced Engineering Research For Next Generation Technology (ICAERNGT – 2023)	27 th – 28 th January 2023	Conference
12.	Dr J S T Thilagam, Sri B Siva Reddy, Sri L Lakshmi Prasanna Kumar. Smt T Swathi	5G Antenna Systems Overview for Communication Systems	International Conference on Communications, Signal Processing and Computing (ICCSPP-2023)	17 th & 18 th April 2023.	Conference
13.	Sri M Madhusudhan Reddy	Implementation 180nm based 8 bit multiplier using Wallace Tree Methodology	First International Conference on Advanced Engineering Research For Next Generation Technology (ICAERNGT – 2023)	27 th – 28 th January 2023	Conference

14	Dr G Ramesh	IoT Based Health Monitoring System for Remote Patient Care	First International Conference on Advanced Engineering Research For Next Generation Technology (ICAERNGT – 2023)	27 th – 28 th January 2023	Conference
15	Smt C Rajeswari, Smt W Yasmeen	Assessment & Execution Of Apm 2.8 Controlled Quadcopter	International Conference On Emerging Trends In Electronica And Communication Engineering (ICETEC-2023)	15 th To 17 th April 2023	Conference
16	Sri L Lakshmi Prasanna Kumar	Development of Healthcare Architecture based on Cloud Technology and IoT Applications	7th International Conference on Computing Methodologies and Communication (ICCMC-2023)	May 2023	Conference
17.	Sri S Siva Reddy	Energy Efficient Routing Protocols for Wireless Communication Networks	First International Conference on Advanced Engineering Research For Next Generation Technology (ICAERNGT – 2023)	27 th – 28 th January 2023	Conference
18.	Smt W Yasmeen	Design of Secure Communication Systems using Cryptographic Techniques	First International Conference on Advanced Engineering Research For Next Generation Technology (ICAERNGT – 2023)	27 th – 28 th January 2023	Conference
19.	Smt C Rajeswari	Determination of Eigen Values in Restoration on Grey Image Scaling	First International Conference on Advanced Engineering Research For Next Generation Technology (ICAERNGT – 2023)	27 th – 28 th January 2023	Conference
20	Sri A Venakta Subba Reddy	IoT Based Smart Agriculture and Monitoring System	First International Conference on Advanced Engineering Research For Next Generation Technology (ICAERNGT – 2023)	27 th – 28 th January 2023	Conference
21	Smt G Divya Praneetha	Smart Waste Management System using IoT and Sensor Networks	First International Conference on Advanced Engineering Research For Next Generation Technology (ICAERNGT – 2023)	27 th – 28 th January 2023	Conference
22	Sri. K Ramakrishna	Design of IoT Enabled Smart Home Automation using Cloud Platforms	First International Conference on Advanced Engineering Research For Next Generation Technology (ICAERNGT – 2023)	27 th – 28 th January 2023	Conference
23	Sri. K Ramakrishna	Design And Implementation Of Frequency Tunable Polarized Dfilaantenna With Bc-Srr At Far Distance From Driven Element	International Conference On Emerging Trends In Electronica And Communication Engineering (ICETEC-2023)	15 th To 17 th April 2023	Conference

24	Dr P C Praveen Kumar	Design and Analysis of Microstrip Patch Antenna for 5G Applications	First International Conference on Advanced Engineering Research For Next Generation Technology (ICAERNGT – 2023)	27th – 28th January 2023	Conference
25	Smt P Bindu Swetha	Adaptive Modulation Techniques for High Speed Wireless Communications	First International Conference on Advanced Engineering Research For Next Generation Technology (ICAERNGT – 2023)	27th – 28th January 2023	Conference
26	Smt P Bindu Swetha	Vehicle With Learning Capabilities: A Study On Advancement In Urban Intelligent Transport Systems	2023 IEEE ICAET 3rd Edition	15th To 17th April 2023	Conference

4. Faculty Achievements:

Text Books / Book Chapters Authored

1. Dr D Rajasekhar, Associate Professor, has authored a Text Book titled, Digital Signal Processing, ISBN 978-81-961938-7-4, February-2023.

Accomplishments:

1. Dr K Suresh Reddy, Professor, successfully guided the completion of Second PhD Research Scholar under his guidance from JNTUA, Ananthapuramu in 2023.
2. Dr J S T Thilagam, Associate Professor was sanctioned with an in-house project titled Vector Network Analyzer design for microwave networks, File No. :GPREC/ RD/IHP/ 2022-23 /ECE/1

Student Achievements:

1. The IEEE IT SOC in association with IEEE GPREC conducted the event on Personality development Event Conducted on 1-02-2023 from 10:40 AM to 12:20 PM
2. To enhance the skills of students, the GPREC IEEE student branch organized an event of Coding Contest” topic on March 1st 2023, from 10:40 AM to 12:20 PM.

DEPARTMENT OF EMERGING TECHNOLOGIES IN COMPUTER SCIENCE

1. Events conducted/ organized:

1. Department of ECS, GPREC, has conducted an Expert Session on “Overview of Python and its Industrial Applications”, for CSB students on 06th January 2023, by TCS Experts.
2. Department of ECS, GPREC, has conducted an Expert Session on “Cloud and Visual Analytics” for CSB students on 17th January 2023, by TCS Experts.
3. Department of ECS, GPREC, has conducted a Webinar on “Azure Data Factory and Azure Synapse”, for CSB students on 18th January 2023, by TCS Experts.
4. Department of ECS, GPREC, has conducted an AICTE - Adobe workshop on “Adobe Express for Faculty” on 21st January 2023, by B. Gayatri and A. Ojaswi.
5. Department of ECS, GPREC, has conducted a webinar on “IIT Mumbai's Placement Preparation”, for students on 03rd February 2023, by IIT Experts.
6. Department of ECS, GPREC, has conducted a Webinar on “Data Science using ML and DL Techniques”, on 11th February 2023, by Dr. Asadi Srinivasulu.
7. Department of ECS, GPREC, has conducted a 2-Day Techcamp on “Cloud Technology”, from 14th to 16th Feb 2023, by MR.Bibek Ranjan & MR.Pawan Kumar.
8. Department of ECS, GPREC, has conducted Interaction session on “Higher Studies and Internship Opportunities in Germany”, on 01st March 2023, by Sri. Manikanta Uppara.
9. Department of ECS, GPREC, has conducted workshop of “XR and Metaverse Industrial Workshop”, from 1st March 2023 to 6th March 2023, by Mr K. Chakradhar, TCS Extended Reality Lab
10. Department of ECS, GPREC, has conducted on “Opportunities and Challenges in IT Sector: Software Mastery Bootcamp -Unlock Your Potential”, from 6th – 11th March, 2023 by Mr .Mohammed Ismail, Manager Data Science, Blend 360, Mr .Samiyoddin Saayad, TCS, Mr. S Abdul khadar Zeelan, Cloud Ops Engineer, checkmarx, Mr. Sajjad Ali Khan, Development Manager, Microcare Solutions, Mr.Syed Muzammil Hussain Manager-Software Engineering, Oracle Cerner
11. Department of ECS, GPREC, has conducted 5 Day FDP on “Data Science and its Applications”, in Association with JNTUA from 24th April to 28th April 2023, by Prof.DVLN Somayajulu ,Director IIITDM, Dr. C.Nagaraja, Dr. K. Satya Babu IIITDM, Dr. RP Jagadeesh Chandra Bose, Dr. K.Venkateswara Rao NIT Warangal, Dr.T.Rama Krishnudu NIT Warangal, Dr.K.Raghavendra Scientist ISRO.
12. Department of ECS, GPREC, has conducted Physical Guest Lecture on “Machine Learning Workflow”, on 06th MAY 2023, by Mulla Zaheer Ahamed , Lead Engineer, RaiFox IT Consultancy Pvt Ltd, Bangalore.

2. Skill Upgradation Activities:

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

S. No	Name of Faculty	Title of the Event	Host Institute	Period
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1	Dr. R. Praveen Sam	Online Refresher Course on "Artificial Intelligence"	JNTU, Hyderabad	10-07-23 TO 24-07-2022
		Societal applications of Block chain Technology and Cyber	NREC	10-07-2-23 TO 15-07-2-23
2	Dr. K.Govardhan Reddy	Societal Applications of Machine Learning	S.V.E.C.W, Bhimavaram	24-07-2023 TO 28-07-2023
		Workshop on AI TOOLS_Be10X_	be 10X	18-06-2023
		Deep Learning for NLP and Computer Vision	CBIT, Hyderabad	10-07-2023 TO 28-07-2023
		Online Refresher Course on "Artificial Intelligence"	JNTU, Hyderabad	10-07-2023 TO 24-07-2023
3	Dr. Y. Rama Mohan	Machine Learning and its Applications	GPREC	10-07-2023 TO 14-07-2023
4	Sri. A.Vishnuvardhan Reddy	Deep Learning for NLP and Computer Vision	CBIT, Hyderabad	10-07-2023 TO 28-07-2023
5	Sri. K.Srikanth	Deep Learning for NLP and Computer Vision	CBIT, Hyderabad	10-07-2023 TO 28-07-2023
		Web Development	GPREC, Kurnool	15-04-2023
		Machine Learning Algorithms and its Applications	GPREC	10-07-2023 TO 24-07-2023
6	Sri. P.N.V.S.Pavan Kumar	Web Development	GPREC, Kurnool	15-04-2023
7	Smt. K .Asha Rani	Machine Learning and its Applications	GPREC	10-07-2023 TO 14-07-2023
		Web Development	GPREC, Kurnool	15-04-2023
		Opportunities and Challenges in It Sector: Software Mastery Bootcamp-Unlock your Potential	GPREC	06-03-2023 TO 11-03-2023
		Power BI	G. Narayanamma Institute of Technology and Science (for Women) (EXCEL R)	20-03-2023 TO 23-03-2023

8	Sri. S.Vinay Kumar	Deep Learning for NLP and Computer Vision	GPREC	10-07-2023 TO 28-07-2023
		"Chat GPT and AI"	ExcelR	8-08-2-23 TO 26-08-2023
		“Data Science and Chat GPT”	K L Deemed to be University	15-08-2023 TO 19-08-2023
		Data Analytics using Power BI	G Narayanamma Institute of technology	20-03-2023 TO 24-03-2023
		“Opportunities and challenges in IT sector : Software mastery Boot camp – Unlock Your Potential”	GPREC, Kurnool	6-03-2023 TO 9-03-2023
		“Emperical Data Science and its Implications”	SRIT Ananthapuramu	03-01-2023 TO 7-01-2023
		“Data Science using machine learning”	Pravara Rural Engg.College	2-01-2023 TO 6-1-2023
		Machine Learning and its Applications	GPREC	10-07-2023 TO 24-07-2023
		Data Analyst	Andhra Pradesh State Skill Development Corporation (APSSDC)	19-06-2023 To 23-06-2023
9	Sri. V. Suresh	Data Analyst	Andhra Pradesh State Skill Development Corporation (APSSDC)	19-06-2023 To 23-06-2023
		Data Science using Machine Learning	Pravara Rural Engg.College	06-01-2023 TO 02-02-2023
10	Ms. O. Roopa Devi	Deep Learning for NLP and Computer Vision	CBIT,Hyderabad	10-07-2023 To 23-07-2023
		KKR & KSR Institute of Technology in Sciences	KKR & KSR Institute of Technology in Sciences	27-02-2023 To 03-03-2023
		Mixrosoft, SAP and AICTE ATAL led faculty development program on Artificial Intelligence.	Tech Saksham	20-02-2023 To 24-02-2023

		Machine Learning Algorithms and its Applications	GPREC	10-07-2023 To 14-07-2023
11	Smt. O. Sirisha	Machine Learning and its Applications	GPREC	0-07-2023 To 14-07-2023
		“Inculcating Universal Human Values in Technical Education”	AICTE	02-01-2023 To 06-01-2023
12	Smt. S. Shashikala	Machine Learning and its Applications	GPREC	10-07-2023 To 14-07-2023
		"Web Development"	G. Pulla Reddy Engineering College	15-04-2023 To 19-04-2023
13	Smt. G. Alekhya	Machine Learning and its Applications	GPREC	10-07-2023 To 14-07-2023
		Data Analytics using Power BI	GNITS ; EXCELR	20-03-2023 To 24-03-2023
		"Web Development"	G. Pulla Reddy Engineering College	15-04-2023 To 19-04-2023
		Data Science &; ChatGPT	KL University	15-06-2023 To 19-06-2023
		"Chat GPT and AI"	ExcelR	08-06-2023 To 26-06-2023
14	Dr. K. Ashfaq Ahmed	Machine Learning and its Applications	GPREC	10-07-2023 To 14-07-2023
15	Smt. B.Varalaksmi	Machine Learning and its Applications	GPREC	10-07-2023 To 14-07-2023
		Innovative Teaching Strategies and tools in digital age	Scroll well	20-05-2023 To 02-06-2023
		Data Analysis using R software	GPREC	27-03-2023 To 28-03-2023
		PCB Design	Pantech E learning	11-02-2023

		Driveless Smart car ADAS & RoS	Pantech E learning	11-02-2023
		Universal Human Values-1	All India Council for Technical Education(AICTE)	02-01-2023 To 06-01-2023
16	Smt. T.Chandana	Universal Human Values-1	All India Council for Technical Education(AICTE)	02-01-2023 To 06-01-2023
17	Smt. S. Shabana Begum	Machine Learning and its Applications	GPREC	10-07-2023 To 14-07-2023
		Inculcating Universal Human Values in Technical Education	AICTE	02-01-2023
		Deep Learning Application Development Tools and Research	VIIT, Pune	28-02-2023 To 03-03-2023
		Opportunities and Challenges in IT Sector	GPREC	06-03-2023 To 11-03-2023
18	Sri. M. Mahesh Kumar	Deep Learning for NLP and Computer Vision	CBIT, Hyderabad	10-07-2023 To 23-07-2023
		Data Analyst	Andhra Pradesh State Skill Development Corporation (APSSDC)	19-06-2023 To 23-06-2023
		Machine Learning Algorithms and its Applications	GPREC	10-07-2023 To 14-07-2023
19	Ms. V. Jemima Jyothi	Deep Learning for NLP and Computer Vision	CBIT, Hyderabad	10-07-2023 To 23-07-2023
		Data Analyst	Andhar Pradesh Skill Development Corporation(APSSDC)	19-06-2023 To 23-06-2023
		CHATGPT and Artificial intelligence programme	Online	08-05-2023 To 26-05-2023
		Machine Learning Algorithms and its Applications	GPREC	10-07-2023 To 14-07-2023

		Deep Learning for NLP and Computer Vision	CBIT, Hyderabad	10-07-2023 To 23-07-2023
20	Sri.P.Suresh Babu	Data Analyst	Everyday Learning	19-06-2023 To 23-06-2023
		Machine Learning Algorithms and its Applications	GPREC	10-07-2023 To 14-07-2023

3. Faculty Publications:

Journals					
S. No	Author	Title	Name of the Journal	Indexing	Month, Year
1	Dr.R.Praveen Sam	Detection of malicious bots using machine learning	journal of Computational and Theoretical Nanoscience (JCTN)	Scopus Indexed	March 2023
2	Dr. K. Govardhan Reddy	Data accumulation in WSNs using a mobile sink: A linear programming approach,	Measurement: Sensors	Scopus Indexed	March 2023
3	S. Vinay Kumar	Image and Video Caption Generator Using Deep Learning	Journal of Computational and Theoretical Nanoscience	Scopus Indexed	March 2023
4	P.Sunanda, K. AshaRani, G. Alekhya, S. Shashikala	Design and Implementation of DL Based Moving Object Detection and Tracking with Canny Edge Detection	International Journal of Advanced Computer Science and Applications (IJACSA)	Scopus Indexed	May 2023
5	Smt.K. AshaRani, Smt.P.Sunanda, Smt.B. Varalakshmi	Finding of Vitamin Deficiency and Food Recommendation System Using Multiple Classifier Algorithms	Journal of Intelligent & Fuzzy Systems	Scopus Indexed, Web of Science	June 2023
6	Smt. S. Shabana Begum	Effects on Organizational Culture and its Impacts on Employee Job Performance in IT Sector	International Journal of Advanced Computer Science and Applications (IJACSA)	Scopus Indexed	May 2023
Conferences					
S. No	Author	Title	Name of the Conference	Held at	Month, Year
1.	Sri. K. Srikanth	Data Analysis of Varied Datasets Using Descriptive and Predictive Analytics in Terms of Time and Accuracy	The First International Conference on Advances in Computational Science and Engineering (ICACSE 2020)	India	2023

Book Chapters					
S. No	Author	Title	Name of the book	Publisher	Month, Year
1	S. Shabana Begum	Universal Human Values	Universal Human Values	Academic Publishers	2023
2	B. Varalakshmi	Python for Professionals	Python for Professionals	Indian Academic Publishers	2023

4. **New faculty Recruited:**

S.No	Name of the Faculty	Designation	Qualification	Photo
1	M. Mahesh Kumar	Assistant Professor	M.Tech	
2	Ms.V. Jemima Jyothi	Assistant Professor	M.Tech	
3	P SURESH BABU	Assistant Professor	M.Tech	

1. Student Achievements:

1.M. Pavitra, of III-Sem CSM has secured First place in Dist. Level Elocution Competition held on the occasion of “Minorities Welfare Day & National Education Day” on 11 th November 2022, by the Govt. of India.



2. 2. M. Manichandana of VI-Sem CSBS achieved a Google certificate on Google Analytics Beginner and Google Analytics Advanced.
3. 3. A team of 7 students (D. Bhavani, J Praneeth, D Chenna Keshava Reddy, K. Siva Bharathi, P. Rupa, G. Sai Nikhil and M. Bilva Sai Eswar) have participated in Smart India Hackaton 2022 at Bombay.
4. 4. M. Pavitra, of IV-Sem CSM has secured First place by participating in “Speech on Nature” in a State Level College Fest organized by K.S.R.M College of Engineering, Kadapa on 13th April 2023.

Nature” in a State Level College Fest organized by K.S.R.M College of Engineering, Kadapa on 13th April 2023.



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5. 5.M.Pavitra of IV CSM has stood amongst three in National level Essay Writing Competition & received a cash prize of Rs 5,000/ and certificate from IIT Hyderabad.



DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

1. Events conducted/ organized:

1. One Week International Level Workshop (Virtual Mode) on Opportunities and Challenges in IT Sector: Software Mastery Boot camp - Unlock Your Potential organized by Dept. of EEE in association with ECS & Micro care Academy, Kurnool during 6th - 11th March 2023 Dr. Abid Nayeemuddin as a Coordinator, Dr.G.Venkata Subba Reddy & Sri K.Harish Reddy as Co- coordinators
2. A Five Day Hands on Workshop on “Embedded Design with ATMEGA AVR Micro Controllers” Organized by Dept. of EEE, GPREC Kurnool during 13th - 18th April 2023, Dr.M.Siva Satya Narayana as a Coordinator & Sri. B. Amarnath Naidu Co convener
3. A Webinar on “WEB DEVELOPMENT” organised by Department of EEE & ECS in association with NI Lab VIEW Academy of G Pulla Reddy Engineering College & Microcare Academy Kurnool on 15th April 2023 Dr. Abid Nayeemuddin as a Coordinator, Dr.G.Venkata Subba Reddy and Sri K. Harish Reddy as Co-convenors. .

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. E.Jyothirmai	Five-Day Online FDP on Empirical Data Science and its Implications	Department of CSE (Data Science), Sreenivasa Ramanujan Institute of Technology (Autonomous) Ananthapuramu	03-01-2023 to 07-01-2023
2	Dr.T.Brahmananda Reddy Dr.C.Harinatha Reddy Smt.B. Rajeswari Smt.E.Jyothirmai	one week International FDP on Research Innovations and Emerging Advances In Electrical Engineering	Department of EEE, Eswari Engineering College, Ramapuram, Chennai	05-01-2023 to 12-01-2023
3	Dr.T.Brahmananda Reddy Dr.C.Harinatha Reddy Smt.B. Rajeswari Smt.E .Jyothirmai	Five Day National Level online FDP on Advanced Power Electronic Converters for RES and EV Applications	RGM College of Engineering & Technology- Department of EEE, Nandyal. A.P	09-01-2023 to 13-01-2023
4	Dr.K.Sri Gowri Dr.T.Brahmananda Reddy Smt. E.Jyothirmai Smt.B. Rajeswari	Five-Day online National Level FDP on Recent Advancements in Sustainable Energy Storage & Conversion	Dept. of Mechanical Engineering, GPREC, Kurnool	23-01-2023 to 27-01-2023

5	Dr.T.Brahmananda Reddy	Two Day National Workshop on Emerging Trends in Power Engineering (online/offline)	Dept. of Electrical Engineering, NIT Warangal	30-01-2023 to 31-01- 2023
6	Dr.T.Brahmananda Reddy Dr.Y.V.Siva Reddy Dr.M.Siva Satya Narayana Dr.N.Ravi Sankara Reddy	A Five Day Hands on Workshop on Control of Power Electronics Converters using FPGA	Dept. of EEE, GPREC IEEE IAS Student Branch Chapter in association with IEEE Ananthapuramu	13-02-2023 to 17-02-2023
7	Dr.K Sri Gowri Dr.T.Brahmananda Reddy Dr.Y.V.Siva Reddy Dr.M.Siva Satya Narayana Dr.N.Ravi Sankara Reddy Dr.V.Anantha Lakshmi Dr.Abid Nayeemuddin Dr.G.Satheesh Dr.C.Harinatha Reddy Dr.B.Urmila Dr.G.Sreenivas Reddy Dr.G.Venkata Subba Reddy Sri. S.Anil Kumar Sri.B. Amarnath Naidu Smt.G.Haritha Sri. M.Sreenivas Reddy Sri. A.Pradeep Kumar Yadav Smt. E.Jyothirmai Smt.B.Rajeswari Sri. K Harish Reddy	A FDP on Power Electronic Converters - Simulation using MATLAB & Python	Dept. of EEE in association with IEEE PELS Chapter, GPREC, Kurnool	27-02-2023 to 03-03-2023

8	Dr.K Sri Gowri Dr.T.Brahmananda Reddy Dr.Y.V.Siva Reddy Dr.M.Siva Satya Narayana Dr.N.Ravi Sankara Reddy Dr.V.Anantha Lakshmi Dr.Abid Nayeemuddin Dr.G.Satheesh Dr.C.Harinatha Reddy Dr.M.Harshavardhan Reddy Dr.B.Urmila Dr.G.Sreenivas Reddy Dr.G.Venkata Subba Dr.V.Anantha Lakshmi Dr.Abid Nayeemuddin Dr.G.Satheesh Dr.C.Harinatha Reddy Dr.B.Urmila Dr.G.Sreenivas Reddy Dr.G.Venkata Subba Reddy Sri. S.Anil Kumar Sri.B. Amarnath Naidu Smt.G.Haritha Sri. M.Sreenivas Reddy Sri. A.Pradeep Kumar Yadav Smt. E.Jyothirmai Smt.B.Rajeswari Sri. K Harish Reddy Reddy Sri. S.Anil Kumar Sri. B. Amarnath Naidu Smt.G.Haritha Sri. M.Sreenivas Reddy Sri. A.Pradeep Kumar Yadav Dr.B.V.Arun Kumar Smt. E.Jyothirmai Smt.B.Rajeswari Sri. K Harish Reddy	One Week International Level Workshop (Virtual Mode) on Opportunities and Challenges in IT Sector: Software Mastery Boot camp - Unlock Your Potential	Dept. of EEE in association with ECS & Micro care Academy, Kurnool	06-03-2023 to 11-03-2023
9	Smt.B. Rajeswari	Five Day FDP on Deep Learning Application Development ,Tools and Research	Dept. of Artificial Intelligence and Data Science, VIIT, Pune, India	28-03-2023 to 04-04-2023

10	Dr.K Sri Gowri Dr.T.Brahmananda Reddy Dr.Y.V.Siva Reddy Dr.M.Siva Satya Narayana Dr.N.Ravi Sankara Reddy Dr.V.Anantha Lakshmi Dr.Abid Nayeemuddin Dr.G.Satheesh Dr.C.Harinatha Reddy Dr.B.Urmila Dr.G.Sreenivas Reddy Dr.G.Venkata Subba Reddy Sri. S.Anil Kumar Sri.B. Amarnath Naidu Smt.G.Haritha Sri. M.Sreenivas Reddy Sri. A.Pradeep Kumar Yadav Dr.B.V.Arun Kumar Smt. E.Jyothirmai Smt.B.Rajeswari Sri. K Harish Reddy	A Five Day Hands on Workshop on Embedded Design with ATMEGA AVR Micro Controllers	Dept. of EEE, G Pulla Reddy Engineering College, Kurnool	13-04-2023 to 18-04-2023
11	Dr.K Sri Gowri Dr.T.Brahmananda Reddy Dr.Y.V.Siva Reddy Dr.M.Siva Satya Narayana Dr.N.Ravi Sankara Reddy Dr.V.Anantha Lakshmi Dr.Abid Nayeemuddin Dr.G.Satheesh Dr.C.Harinatha Reddy Dr.B.Urmila Dr.G.Sreenivas Reddy Dr.G.Venkata Subba Reddy Sri. S.Anil Kumar Sri.B. Amarnath Naidu Smt.G.Haritha Sri. M.Sreenivas Reddy Sri. A.Pradeep Kumar Yadav Dr.B.V.Arun Kumar Smt. E.Jyothirmai Smt.B.Rajeswari Sri. K Harish Reddy	A Webinar on Web Development	Department of EEE & ECS in association with NI Lab VIEW Academy of G Pulla Reddy Engineering College & Microcare Academy Kurnool	15-04-2023

12	Sri. K Harish Reddy	One Week FDP on Recent Trends in Electrical Engineering	Dept. of EEE, Dr. Lankapalli Bullayya College of Engineering, Visakhapatnam	24-04-2023 to 28-04-2023
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3. Faculty Publications:

International Journals					
S. No	Author	Title	Name of the Journal	Indexing	Month, Year
1	Zufishan Maheen, B.Dilip Kumar Reddy, G. Haritha,	Visitor Counter Using Machine Learning	Material Science and Technology,	Scopus	March 2023
2	B.Amarnath Naidu, Shabbier Ahmed sydu, Rajiv Iyer, Pradip Atre,Jyoti Dhanke, Govind Jethi	Novel Machine Learning Approach for Fault detection in Power Electronics Circuit Boards	European Chemical Bulletin	Scopus	May 2023
3	S.Anil Kumar, Dr.M.Siva sathya Narayana, Dr.K.Jithendra Gowd	Application of a TID Controller for the LFC of a Multi Area System using HGS Algorithm	Engineering, Technology & Applied Science Research	ESCI	June 2023
Book Chapters					
S. No	Author	Title	Name of the book	Publisher	Month, Year
1	Dr.T.Brahma nanda Reddy, Dr.Y.V.Siva Reddy, Dr.E.Sanjeeva Rayudu	Wind and Solar Energy Applications – Technological Challenges and Advances	Integration of Wind, Solar and Pumped Hydro Renewable Energy Sources in Rayalaseema Region – A Case Study	CRC Press	March 2023
2	Dr.T.Bramhananda Reddy, Dr.G.Sreenivasa Reddy, Dr.Y.V.Siva Reddy	Wind and Solar Energy Applications – Technological Challenges and Advances	Performance Analysis of Rooftop Grid – Connected Solar PV System Under Net Metering System – A Case Study	CRC Press	March 2023

4. Faculty Achievements:

- Dr.T. Brahmananda Reddy, Professor of EEE Dept, of GPREC successfully supervised Sri Siva Kumar of AITS, Tirupati for obtaining Ph.D degree in Electrical Engineering from JNTUA, Anathapuramu in 2023.
- Dr.N Ravi Shankar Reddy, Associate Professor of EEE Dept, of GPREC successfully supervised Sri Nagaraju for obtaining Ph.D degree in Electrical Engineering from JNTUA, Anathapuramu in 2023.

5. Up gradation of Lab Equipment:

S.No	Names of Laboratory	Equipment Name	Cost
1	Electric circuits Lab	Rheostats wattmeter	Rs 52286/-
2.	Electric circuits Lab	Function generator	Rs 13678/-
3.	Electric circuits Lab	DMM (5 nos) LCR meter	Rs 20952/-
4.	Measurements Lab	Ammeter Voltmeters (16 nos)	Rs 29340/-
5.	Power Electronics Lab	3- ϕ controlled Rectifier Firing circuit	Rs 16000/-
6.	Power Electronics Lab	1- ϕ PWM unit	Rs 18000/-
7.	Power Electronics Lab	Current & Voltage Sensor Modules(2 nos)	Rs 63000/-
8.	Control System Lab	Lead Lag Compensation DC Position Control system ,	Rs 55012/-
9.	Machine Lab	UPF Watt Meters(4 nos)	Rs 16520/-
10.	Research Lab	Solar Modules (11 nos)	Rs 19470/-
11.	Research Lab	Fluke meter	Rs 40645/-
12.	Electrical Technology Lab	Voltmeter ,Rheostats	Rs 25920/-

6. Student Achievements:

- K. Vaishnavi (199X1A0262) and M. Poojya Yashaswini (199X1A0261) of IV EEE in APSCHE EXCELLENCE AWARDS 2023: INNOVATION Secured Top 12 in AP.
- K. Chenna Keshava Reddy(209X5A02C4) and K. Vaishnavi(199X1A0262) from IV EEE secured the Winner position In February 2023, during Idea in Kreative – 2K23.

- K. Tejaswini (209X1A02B4) of III EEE emerged as the Athletics Champion and Secured 1st place in multiple events including 100m, 200m, 400m runs, Long Jump, High Jump, and was also part of the 1st place winning 400×100m relay team during UDAAN 2023.
- K. Sreevani (229X5A02E0) of II EEE achieved 2nd place in 100m, 400m, Long Jump, and 3rd place in 200m, along with being part of the 1st place relay team during UDAAN 2023.
- Gutam Venkata Sushma (229X5A02C7) of II EEE secured 1st place in Discus Throw, while N. Gowthami (209X1A02A4) of III EEE achieved 2nd place in High Jump. Sivarathri Sudheer (209X1A02C1) of III EEE secured 2nd place in Javelin Throw.
- K. Tejaswini (209X1A02B4) of II EEE, M. Preethi (199X1A0263) of IV EEE, M. Amrutha Sai (229X1A0276) of I EEE, and K. Sreevani (229X5A02E0) of II EEE secured 1st place in 400×100m relay team.
- D. Sunil (199X1A0235) of IV EEE secured 2nd place in 200m and V. Mukkanna (199X1A02A8) of IV EEE achieved 3rd place in 400m in the men's category.
- V. Mukkanna(199X1A02A8), B. Uday Kumar(199X1A02B4), R. Sudheer Kumar(199X1A0296) of IV EEE N. Yogesh(209X5A02D4), G. Uday Kiran(209X1A0244), M. Manikanta(219X1A0284), K. Surya(219X1A0276), P. Saketh Kumar Reddy(219X1A0291), S. Janananda Bhushanam(219X1A02A7), G. Dharma Teja(219X1A0268), D. Teja Vardhan Naidu(229X1A0235) of II EEE and K. Balaji(229X1A0239) of I EEE secured the Runners-up position in Football UDAAN, GPREC.
- C. Sucharitha(209X1A0208) and B. Likitha Reddy (209X1A0201) of III EEE secured 2nd place in Dumb Charades. Y. Praveen (219X1A02B7) of II EEE won 1st place in Pencil Art. In group dance, P. Ankitha (209X1A0265) and K. Gowthami (209X1A02B5) of III EEE secured 2nd place, while T. Vasavi (199X1A0275) and M. Sireesha (199X1A0258) of IV EEE secured 3rd place in cultural events.
- B. Tanaya (219X1A0205) of II EEE secured 2nd place in Just A Minute (JAM). K. Keerthi Priya (229X1A0215) of I EEE secured 3rd place in English Elocution, and P. Sai Charan (209X1A0289) of III EEE achieved 1st place in Telugu Elocution.
- K. Chenna Kesava Reddy (209X5A02C4) and M. Kiran Reddy (209X5A02C2) of IV EEE secured 1st place in SAMSLESHANA-2K23, a National Level Technical Symposium conducted on 15-03-2023 at Annamacharya Institute of Technology & Sciences, Kadapa.

DEPARTMENT OF MECHANICAL ENGINEERING

1. Events conducted/ organized:

- ✓ Department of Mechanical Engineering, G. Pulla Reddy Engineering College has organized a One Week Hands on Training on “*Sheet Metal and Surface Modelling using CATIA V5*” in collaboration with Imperial CAD Systems, Hyderabad during 17th to 24th January 2023.
- ✓ Department of Mechanical Engineering, G. Pulla Reddy Engineering College has organized a One Week Workshop on “*CATIA V5 Mechanical Design*” in collaboration with Imperial CAD Systems, Hyderabad during 29th December 2022 to 4th January 2023.
- ✓ Department of Mechanical Engineering, G. Pulla Reddy Engineering College has organized a 5-Day Online national Level Faculty Development Program on “*Recent Advancements in Sustainable Energy Storage & Conversion*” during 23rd to 27th January 2023.

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. G. Shankaraiah	A Five Day Faculty Development Program on “Recent Advancements in Sustainable Energy Storage & Conversion”	G. Pulla Reddy Engineering College, Kurnool	23-01-23 to 27-01-23
2	Dr. P. Hari Shankar	A Five Day Faculty Development Program on “Recent Advancements in Sustainable Energy Storage & Conversion”	G. Pulla Reddy Engineering College, Kurnool	23-01-23 to 27-01-23
3	Dr. H. Raghavendra Rao	A Five Day Faculty Development Program on “Recent Advancements in Sustainable Energy Storage & Conversion”	G. Pulla Reddy Engineering College, Kurnool	23-01-23 to 27-01-23
4	M. Lava Kumar	5-Day Faculty Development Program (FDP) on “Numerical and Simulation Tools for Research in Mechanical Engineering	VIT-AP University	20-06-23 to 24-04-23

5	M. Lava Kumar	5-Day Faculty Development Program (FDP) on “Advances in Materials and Manufacturing”	Kallam Harnadha Reddy Institute of Technology” Technologies	26-06-23 to 30-06-23
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3. Faculty Publications:

Journals					
S. No	Author	Title	Name of the Journal	Indexing	Month, Year
1	Dr. Y.V. Mohan Reddy	Experimental study on the influence of turning process parameters on surface texture and material removal rate of composites by using Grey relational Taguchi technique	Materials Today Proceedings	Scopus	May, 2023
2	G. Shaikshavali	A Hybrid Ensemble Learning Model for Evaluating the Surface Roughness of AZ91 Alloy During the End Milling Operation	Surface Review & Letter	Scopus	May, 2023
3	Dr. Y.V. Mohan Reddy,	From Synthesis to Bioactivity : A Comprehensive Study of Cu-based Biocidal Tool	Indian Journal of Traditional Knowledge	Scopus	May, 2023
4	Dr. R. Meenakshi Reddy G. Venkatesh	Numerical Investigations of heat transfer characteristics using oblong fins and circular fins in a wedge channel	International Journal of Turbo & Jet-Engines	Scopus	April, 2023
5	Dr. R. Meenakshi Reddy	Nanofluids (CuO & TiO ₂) – Water as Heat Transfer Fluid in a TES System for Applications of Solar Heating – An Experimental Study	Thermal Science	Copernicus	May, 2023
6	Dr. R. Meenakshi Reddy	Exploration of Machining Parameters by using Taguchi Technique on MAAJDM	Materials Today	Scopus	May, 2023
7	Dr. Y.V. Mohan Reddy Dr. H. Raghavendra Rao	Effects of Carbon Fiber Hybridization on Mechanical, Structural, and Thermal Properties of Cordia dichotoma fiber-reinforced epoxy composite	Journal of Natural Fibers	Scopus	May, 2023
8	Dr. P. Hari Shankar	Tribological Characteristics of Aluminium Alloy Composites Manufactured By Liquid State Casting Process	Materials Today : Proceedings	Scopus	June, 2023
9	Dr. P. Hari Shankar	Experimental investigation of the mechanical behavior of jute/glass fiber composite infused with MWCNT	Materials Today : Proceedings	Scopus	May, 2023

10	Sri M. Lava Kumar, Sri G. Praveen Kumar Yadav,	Experimental Evaluation of Performance Intensification of Double Tube Heat Exchanger with FINS	European Chemical Bulletin	Chemical Abstracts	June, 2023
11	P. Hari Shankar	Study of various types of Aluminum Alloy Grade series and their effect on Mechanical Performance	Materials Today : Proceedings	Scopus	June, 2023
12	K. Devaki Devi	Impact of Compression and Bending Behavior on Fused Deposition Modeling of 3D Printed Components	Materials Today : Proceedings	Scopus	June, 2023
13	Sri G. Praveen Kumar Yadav	Exploring the Potential of Metal-Cored Filler Wire in Gas Metal Arc Welding for ASME SA387-Gr.11-CI.2 Steel Joints	Journal of Adhesion Science and Technology	Scopus	June, 2023
14	Dr. D. Mohana Krishnu Dr. R.V. Saikumar Reddy	Effect of Fiber Content and Wear Parameters on Abrasive Wear behavior of Abutilon Indicum Fiber Reinforced Epoxy Composites and its Prediction using ANFIS	Hybrid Advances	DOAJ	April, 2023
15	Dr. R. Meenakshi Reddy	Hybridization Effect of Kevlar Fiber Composite Made with Silica from Waste Banbusa Vulgaris Leaves : Mechanical and Energy Absorption Properties	International Journal of SILICON	Scopus	June, 2023
16	Dr. Y.V. Mohan Reddy,	From Synthesis to Bioactivity : A Comprehensive Study of Cu-based Biocidal Tool	Indian Journal of Traditional Knowledge	Scopus	May, 2023

4. Workshops /Conferences /seminars attended by students:

S.No	Name of the Student	Workshop/Conference /Seminar attended	Venue	Period
1	Umar	Manufacturing CNC-Foundation	GPREC, Kurnool	06-02-23 to 20-02-23
2	Jagadeesh	Manufacturing CNC-Foundation	GPREC, Kurnool	06-02-23 to 20-02-23
3	Prudvi manikanta	Manufacturing CNC-Foundation	GPREC, Kurnool	06-02-23 to 20-02-23
4	Raju	Manufacturing CNC-Foundation	GPREC, Kurnool	06-02-23 to 20-02-23
5	Devendra Manikanta	Manufacturing CNC-Foundation	GPREC, Kurnool	06-02-23 to 20-02-23
6	Khajabasha	Manufacturing CNC-Foundation	GPREC, Kurnool	06-02-23 to 20-02-23
7	Mujeebur Rahman	Manufacturing CNC-Foundation	GPREC, Kurnool	06-02-23 to 20-02-23

8	Siva Shankar	Manufacturing CNC-Foundation	GPREC, Kurnool	06-02-23 to 20-02-23
9	Mahesh Babu	Manufacturing CNC-Foundation	GPREC, Kurnool	06-02-23 to 20-02-23
10	Aryan Nanda	Manufacturing CNC-Foundation	GPREC, Kurnool	06-02-23 to 20-02-23
11	Rajavardhan Reddy	Manufacturing CNC-Foundation	GPREC, Kurnool	06-02-23 to 20-02-23
12	Mohammad shakeer	Manufacturing CNC-Foundation	GPREC, Kurnool	06-02-23 to 20-02-23
13	Mahaboob basha	Manufacturing CNC-Foundation	GPREC, Kurnool	06-02-23 to 20-02-23
14	Pavan sharma	Manufacturing CNC-Foundation	GPREC, Kurnool	06-02-23 to 20-02-23
15	Balaveeraiah	Manufacturing CNC-Foundation	GPREC, Kurnool	06-02-23 to 20-02-23
16	Saikalyan	Manufacturing CNC-Foundation	GPREC, Kurnool	06-02-23 to 20-02-23
17	Bheemanaik	Manufacturing CNC-Foundation	GPREC, Kurnool	06-02-23 to 20-02-23
18	Thrishank	Manufacturing CNC-Foundation	GPREC, Kurnool	06-02-23 to 20-02-23
19	Munna	Manufacturing CNC-Foundation	GPREC, Kurnool	06-02-23 to 20-02-23
20	Madhusudhan Reddy	Manufacturing CNC-Foundation	GPREC, Kurnool	06-02-23 to 20-02-23
21	Karimulla	Manufacturing CNC-Foundation	GPREC, Kurnool	06-02-23 to 20-02-23
22	Sahil	Manufacturing CNC-Foundation	GPREC, Kurnool	06-02-23 to 20-02-23
23	Fayaz Rahama	Manufacturing CNC-Foundation	GPREC, Kurnool	06-02-23 to 20-02-23
24	Umar	Manufacturing Welding-Foundation	GPREC, Kurnool	06-02-23 to 20-02-23
25	Jagadeesh	Manufacturing Welding	GPREC, Kurnool	06-02-23 to 20-02-23
26	Prudvi manikanta	Manufacturing Welding	GPREC, Kurnool	06-02-23 to 20-02-23
27	Raju	Manufacturing Welding	GPREC, Kurnool	06-02-23 to 20-02-23
28	Devendra Manikanta	Manufacturing Welding	GPREC, Kurnool	06-02-23 to 20-02-23
29	Khajabasha	Manufacturing Welding	GPREC, Kurnool	06-02-23 to 20-02-23
30	Mujeebur Rahman	Manufacturing Welding	GPREC, Kurnool	06-02-23 to 20-02-23
31	Siva Shankar	Manufacturing Welding	GPREC, Kurnool	06-02-23 to 20-02-23
32	Mahesh Babu	Manufacturing Welding	GPREC, Kurnool	06-02-23 to 20-02-23

33	Aryan Nanda	Manufacturing Welding	GPREC, Kurnool	06-02-23 to 20-02-23
34	Rajavardhan Reddy	Manufacturing Welding	GPREC, Kurnool	06-02-23 to 20-02-23
35	Mohammad shakeer	Manufacturing Welding	GPREC, Kurnool	06-02-23 to 20-02-23
36	Mahaboob basha	Manufacturing Welding	GPREC, Kurnool	06-02-23 to 20-02-23
37	Pavan sharma	Manufacturing Welding	GPREC, Kurnool	06-02-23 to 20-02-23
38	Balaveeraiah	Manufacturing Welding	GPREC, Kurnool	06-02-23 to 20-02-23
39	Saikalyan	Manufacturing Welding	GPREC, Kurnool	06-02-23 to 20-02-23
40	Bheemanaik	Manufacturing Welding	GPREC, Kurnool	06-02-23 to 20-02-23
41	Thrishank	Manufacturing Welding	GPREC, Kurnool	06-02-23 to 20-02-23
42	Munna	Manufacturing Welding	GPREC, Kurnool	06-02-23 to 20-02-23
43	Madhusudhan Reddy	Manufacturing Welding	GPREC, Kurnool	06-02-23 to 20-02-23
44	Karimulla	Manufacturing Welding	GPREC, Kurnool	06-02-23 to 20-02-23
45	Sahil	Manufacturing Welding	GPREC, Kurnool	06-02-23 to 20-02-23
46	Fayaz Rahama	Manufacturing Welding	GPREC, Kurnool	06-02-23 to 20-02-23
47	Umar	Manufacturing Welding	GPREC, Kurnool	06-02-23 to 20-02-23
48	Jagadeesh	Manufacturing Welding	GPREC, Kurnool	06-02-23 to 20-02-23
49	Prudvi manikanta	Manufacturing Welding	GPREC, Kurnool	06-02-23 to 20-02-23
50	Raju	Manufacturing Welding	GPREC, Kurnool	06-02-23 to 20-02-23
51	Devendra Manikanta	Manufacturing Welding	GPREC, Kurnool	06-02-23 to 20-02-23
52	Khajabasha	Manufacturing Welding	GPREC, Kurnool	06-02-23 to 20-02-23
53	Mujeebur Rahman	Manufacturing Welding	GPREC, Kurnool	06-02-23 to 20-02-23
54	Siva Shankar	Manufacturing Welding	GPREC, Kurnool	06-02-23 to 20-02-23
55	Mahesh Babu	Manufacturing Welding	GPREC, Kurnool	06-02-23 to 20-02-23
56	Aryan Nanda	Manufacturing Welding	GPREC, Kurnool	06-02-23 to 20-02-23
57	Rajavardhan Reddy	Manufacturing Welding	GPREC, Kurnool	06-02-23 to 20-02-23

58	Mohammad shakeer	Manufacturing Welding	GPREC, Kurnool	06-02-23 to 20-02-23
59	Mahaboob basha	Manufacturing Welding	GPREC, Kurnool	06-02-23 to 20-02-23
60	Pavan sharma	Manufacturing Welding	GPREC, Kurnool	06-02-23 to 20-02-23
61	Balaveeraiah	Manufacturing Welding	GPREC, Kurnool	06-02-23 to 20-02-23
62	Saikalyan	Manufacturing Welding	GPREC, Kurnool	06-02-23 to 20-02-23
63	Bheemanaik	Manufacturing Welding	GPREC, Kurnool	06-02-23 to 20-02-23

3. Student Achievements:

- ✓ M Bhanu kiran reddy Roll no: 219X5A03D1 of IV year Mechanical engineering department won 1st prize in PALS TUTR HYPERLOOP hackathon organized by PALS (an Alumni of IIT) on 11-9-2023.
- ✓ Two students of IV year Mechanical Engineering, G.Pulla Reddy Engineering College have been certified with the Microsoft certification program on “Microsoft Azure Data Engineer”.

DEPARTMENT OF HUMANITIES & BASIC SCIENCES

1. Skill Upgradation Activities:

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

S. No	Name of Faculty	Title of the Event	Host Institute	Period
1	Smt. B. Munilakshmi	Six-day Virtual International FDP on Emerging Trends & challenges in teaching language & literature	VET Institute of Arts & Science, Tamil Nadu	02-01-2023 to 07-01-2023
2	Smt. G. Pushpa Latha	Six-day Virtual International FDP on Emerging Trends & challenges in teaching language & literature	VET Institute of Arts & Science, Tamil Nadu	02-01-2023 to 07-01-2023
3	Sri K Suresh	Five-day National FDP on “Inculcating Universal Human Values in Technical Education	AICTE, New Delhi	26-02-2023 to 30-02-2023
4	Smt. E. Nirmala Devi	Five-day National FDP on “Inculcating Universal Human Values in Technical Education	AICTE, New Delhi	26-02-2023 to 30-02-2023
5	Smt. G. Pushpa Latha	Universal Human Values-II	AICTE, New Delhi	13-02-2023 to 18-02-2023
6	Dr. M. Siva Sankar Reddy	Five-day workshop on “Statistical analysis using Python	VNR Vignana Jyothi Institute of Engineering & Technology (VNRVJIET), Hyderabad	06-03-2023 to 11-03-2023
7	Dr. E. Kiran Babu	Five-day workshop on “Statistical analysis using Python	VNR Vignana Jyothi Institute of Engineering & Technology (VNRVJIET), Hyderabad	06-03-2023 to 11-03-2023
8	Dr. Nasreen Noor	Six-day National-level online workshop on “Effective filing of NAAC AQAR-Streamlining Institutional performance”	Vardhaman College of Engineering, Hyderabad	13-03-2023 to 18-03-2023
9	Dr. M. Siva Sankar Reddy	2-day Workshop on “Data Analysis Using R Software”	G. Pulla Reddy Engineering College, Kurnool	28-03-2023 to 29-03-2023
10	Dr. V. Raghavendra Prasad	2-day Workshop on “Data Analysis Using R Software”	G. Pulla Reddy Engineering College, Kurnool	28-03-2023 to 29-03-2023
11	Dr. V. Rangaveni	2-day Workshop on “Data Analysis Using R Software”	G. Pulla Reddy Engineering College, Kurnool	28-03-2023 to 29-03-2023

12	Dr. E. Kiran Babu	2-day Workshop on “Data Analysis Using R Software”	G. Pulla Reddy Engineering College, Kurnool	28-03-2023 to 29-03-2023
13	Sri K. Raghavendra	2-day Workshop on “Data Analysis Using R Software”	G. Pulla Reddy Engineering College, Kurnool	28-03-2023 to 29-03-2023
14	Dr. Nasreen Noor	3 rd International conference on management, Engineering and social science (ICMESS-2023)	Institute for Engineering Research and Publication (IFERP), Delhi, India	06-04-2023 to 07-04-2023
15	Dr. K. Subhashini	3 rd International conference on management, Engineering and social science (ICMESS-2023)	Institute for Engineering Research and Publication (IFERP), Delhi, India	06-04-2023 to 07-04-2023
16	Sri K. Viswanath	Universal Human Values-I	AICTE, New Delhi	03-04-2023 to 07-04-2023
17	Dr. S. Sailaja	Universal Human Values-I	AICTE, New Delhi	08-05-2023 to 12-05-2023
18	Dr. Nasreen Noor	Universal Human Values-II	AICTE, New Delhi	15-05-2023 to 12-05-2023
19	Ms. A. Sri Nidhi	Universal Human Values-II	AICTE, New Delhi	15-05-2023 to 12-05-2023
20	Mr. K. Nagaiah	Universal Human Values-II	AICTE, New Delhi	15-05-2023 to 12-05-2023
21	Dr. M. Siva Sankar Reddy	International Conference on “Innovations and developments in mathematical sciences and technology (ICIDMST-2023)	S.K. University, Ananthapur	28-06-2023 to 30-06-2023
22	Dr. V. Raghavendra Prasad	International Conference on “Innovations and developments in mathematical sciences and technology (ICIDMST-2023)	S.K. University, Ananthapur	28-06-2023 to 30-06-2023
23	Dr. S. Sailaja	National Conference on Challenges and opportunities for green hydrogen in India	IITDM, Kurnool	28-06-2023 to 29-06-2023
24	Smt. E. Nirmala Devi	National Conference on Challenges and opportunities for green hydrogen in India	IITDM, Kurnool	28-06-2023 to 29-06-2023
25	Dr. E. Kiran Babu	International Conference on “Innovations and developments in mathematical sciences and technology (ICIDMST-2023)	S.K. University, Ananthapur	28-06-2023 to 30-06-2023

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 G. Venkata Rami Reddy	Introduction to Fluid Mechanics	12 weeks	Jan-Apr 2023
2	Ms. A. Sri Nidhi	Literature, Culture and Media during	12 weeks	Jan-Apr 2023
3	Ms. A. Sri Nidhi	Modern Indian Writing in Translation	12 weeks	Jan-Apr 2023
4	Sri G. Venkata Rami Reddy	Introduction on Intellectual property to Engineers and technologists	8 weeks	Feb-Apr 2023

2. Faculty Publications:

Journals					
S. No	Author	Title	Name of the Journal	Indexing	Month, Year
1	Sri Y. V. Siva Kumar	Decolonizing English studies in India: Examining the learning environment and resources	Journal of the Department of English, Vidyasagar University	UGC Care	Jan, 2023
2	Dr A. Vijaya Kumar	Aerobic exercise and yogic practice impact on selected motor ability components of colleges	High Technology Letters	UGC Care	Jan, 2023
3	Dr A. Vijaya Kumar	Impact of centre coaching on selected skill performance variables among women basketball players from Andhra Pradesh, India Students	High Technology Letters	UGC Care	Jan, 2023
4	Dr. T. Satya	A review on Photovoltaic Technologies, Design, and it's efficiency	The Review of Contemporary Scientific and Academic Studies	-	April 2023
5	Dr. S. Sailaja	Optical analysis of RE ³⁺ (Sm or Dy): B ₂ O ₃ -P ₂ O ₅ -CaF ₂ -ZnO-(Li ₂ O-/Na ₂ O/K ₂ O) glasses	Ferroelectrics	SCIE	April 2023

Patent					
S. No	Author	Title of the Innovation	The patent Journal No.	Application No.	Month, Year
1.	Dr. T. Satya	Ppm-level hydrogen gas sensor based on nanostructured thin films	01/2023	20224107617 1A	Jan, 2023
Book					
S. No	Author	Title	Name of the book	Publisher	Month, Year
1.	Dr. Nasreen Noor	The Depiction of Marginalized in the select novels of Mahaswetha Devi	The Depiction of Marginalized in the select novels of Mahaswetha Devi	Walnut Publication.	June, 2023

EXTRA ACADEMIC ACTIVITIES

Bhuvanavijayam

S.No.	Name of the Event	Held on	No. of students Participated
1	Recital of Bhakti Yoga from Bhagavad Geetha	07-01-2023	95
2	UDAAN-2023 Literary and Cultural Competitions	21-01-2023 to 01-02-2023	500
2.1	Dumb Charades Prelims	21-01-2023	120
2.2	Pencil Art	23-01-2023	49
2.3	Essay writing English	25-01-2023	63
2.4	Essay writing Telugu	25-01-2023	28
2.5	Dumb Charades Finals	27-01-2023	30
2.6	Skit/Mime	28-01-2023	21
2.7	Singing: Solo Vocal Male	29-01-2023	9
2.8	Singing: Solo Vocal Female	29-01-2023	12
2.9	Instrumental Music	29-01-2023	6
2.10	Dance: Classical dance	29-01-2023	5
2.11	Dance: Solo Male	29-01-2023	18
2.12	Dance: Solo Female	29-01-2023	28
2.13	Dance: Group Male	29-01-2023	28
2.14	Dance: Group Female	29-01-2023	33
2.15	Just A Minute (JAM)	30-01-2023	11
2.16	Bull's Eye	31-01-2023	48
2.17	Elocution English	01-02-2023	22
2.18	Elocution Telugu	01-02-2023	9
3	Close the Care Gap: Seminar, World Cancer Day	04-02-2023	200
4	Selection of Anchors for UDAAN-2023 day & College Annual Day	11-02-2023	14
5	Flash mob	21-02-2023	45
6	UDAAN-2023 Sports and Cultural Fest	21-02-2023	550
7	College Annual Day Celebrations	22-02-2023	3700
8	NAAC Peer Team Visit	14-03-2023	200
9	Yuva Utsav	25.03.2023	450
10	Prize distribution of UDAAN-2023	15-04-2023	55
11	Fun Galata, Fun Quiz program	29-04-2023	65
12	Group Discussion	06-05-2023	55
13	Random Things	13-05-2023	65

14	Release of Private Video Song by students	20-05-2023	200
15	Word Play	17-06-2023	55

Centre for Awareness and Discussions (CAD)

S. No.	Name of the Event	Held on	No. of students participated
1	Group Discussion	04-01-2023	27
2	Story Hunt	11-01-2023	42
3	Technigo	18-01-2023	23
4	Interactive session on Cyber Security & Entrepreneurship	25-01-2023	400
5	The CAD TIMES	29-4-2023	42
6	Technical Picto fun	06-5-2023	55
7	Group Discussion	13-5-2023	65

EXTENSION ACTIVITY CELL

S.No	Name of the Event	Held on	No. of students participated
1	26 th National Youth Festival along with Nehru Yuva Kendra, Kurnool	12-01-2023	400
2	Awareness Program on Career Development & Future Plans	21-01-2023	75
3	Pencil Art Competition as part of UDAAN-2023 Sports and Cultural Festival	23-01-2023	33
4	Literary and Cultural Competitions as part of UDAAN-2023	28-01-2023	12
5	World Cancer Day	04-02-2023	200
6	Group Discussion	06-05-2023	55

Vivekananda Study Circle (VSC)

S. No.	Name of the Event	Held on	No. of students participated
1	A guest lecture on 'Emotional Quotient and Personality Development' BY Sri B. Sreenivasa Resddy, Deputy Commandant, Indo Tibetan Border Police	12-01-2023	200
2	Bhaktha Jana Sammelanam, organized by Ramakrishna Mission at Sri Venkateswara Temple in Kurnool	20-01-2023 to 22-01-2023	85
3	A guest lecture on 'Personality Development' on 21-01-2023 with Swamy Sannivasananda Maharaj from Ramakrishna Mission-Kadapa, as speaker	21-01-2023	150
4	Interactive session with Sri Devu Sinh Chauhan, Minister of State for Communication	23-01-2023	450
5	A seminar on cancer awareness with the theme "Close the Care Gap" on account of 'World Cancer Day' Speaker: Dr. Vasu Reddy, Oncologist	04-02-2023	200
6	Seva camp at Jagannatha Gattu	18-02-2023	70
7	Service activity at bollavaram and nagalooti,	14-03-2023 to 19-03-2023	75
8	Cultural Competitions as part of "Yuva Utsav" in association with Nehru Yuva Kendra Sanghatan. GOI. Guests: Smt. Vijaya Rao, Director, NYK, Sri Ramana, CEO, SETKUR Sri Rahul Giri Reddy, Dist. Youth officer, NYK	25-03-2023	150
9	Blood donation camp	12-04-2023	93
10	Debate on 'SINGLE GENDER COLLEGES ARE BETTER FOR STUDENTS	13-05-2023	25
11	TECHNICAL QUIZ	06-05-2023	34
12. *On the occasion of World Blood Donors' Day (14 th June), G Pulla Reddy Engineering College received appreciation certificate for the appreciable voluntary blood donations of students during the year 2022-23.			

WOMEN'S CELL

Sl. No	Event	Date	Participants
1.	An awareness session was conducted on 'Career Opportunities, Schemes and Scholarships for Girl Students'	24-01-2023	39
2.	An awareness session on 'Close the Care Gap'	04-02-2023	350
3.	"International Women's Day Celebrations"	07-03-2023	60
4.	The competition on "Photoshop Design Competition".	07-03-2023	60
5.	Resume Building and Management Skills.	28-03-2023	60
6.	Community Connect	21-04-2023	200

Games & Sports

S. No.	Name of the Event	Held on	No. of students participated
1	UDAAN–Intramural Competitions - 2023	23-01-23 to 21-02-23	600

Participation of Students in Tournaments:

S. No.	Name of the Event	Held on	No. of students participated
1	KSNR Trophy in KSRM College, Kadapa. (Basket Ball)	11-04-23 to 14-04-23	10
2	KSNR Trophy in KSRM College, Kadapa. (Cricket)	07-04-23 to 14-04-23	16
3	KSNR Trophy in KSRM College, Kadapa (Kabbadi)	11-04-23 to 14-04-23	10
4	KSNR Trophy in KSRM College, Kadapa (Volley Ball)	11-04-23 to 14-04-23	11
5	Andhra Pradesh 8 th Junior Inter District Basketball Championship-2023	29-06-23 to 02-07-23	01 (Roll No.229X1A0431)

University Participation:

S.No.	Name of the Student	Year	Branch	RollNo.	Event
1.	Mr. B. Vinod	IV	ME	199X1A0334	Football(M)
2.	Ms. R. Likitha Sai	II	CSBS	219X1A2929	Volleyball(W)
3.	Ms. Sushma Kumari	II	CSE	219X1A0591	TableTennis(W)
4.	Mr. C. Mahesh Babu	IV	ME	199X1A0339	Kabaddi (M)
5.	Mr. Mohammed Affan Asees	IV	ME	199X1A0398	Basketball(M)
6.	Ms.N. Maneesha	III	CSE	209X1A0583	Basketball(W)
7.	Mr. Kanugunda Kishore Reddy	III	ECE	209X1A04K3	Badminton(M)
8.	Mr. Ambati Pranay	I	ECE	229X1A0432	Badminton(M)
9.	Mr. G.Mohammad Samad Hafeez	I	CSM	209X1A04K3	Badminton(M)
10.	Mr. Uppar Pavan Kumar	IV	ME	209X5A03L9	Ball Badminton(M)
11.	Mr. K.Arun Kumar	IV	CSE	199X1A0565	Cricket(M)
12.	Ms. N. Maneesha	III	CSE	209X1A0583	Ball Badminton(M)

Achievements of Students:

G. Meghana of II B.Tech of ECE branch bagged gold medal in Race Walk, National Athletic Competition, organized at Acharya Nagarjuna University, Guntur, held on 05 May 2023.

Center for Innovation and Entrepreneurship (CIE)

S. No.	Name of the activity	Held on (Date)	No. of Participants
1.	Idea Hunt	04-01-2023	86
2.	Entrepreneurship skill, attitude & behaviour	18-01-2023	62
3.	Innovation & Entrepreneurship Outreach Program	25-01-2023	58

ENGLISH CLUB

S. No.	Name of the activity	Held on (Date)	No. of Participants
1.	Mosaic	04-01-2023	116
2.	Past Mime	11-01-2023	137
3.	Tasty Tales	18-01-2023	45
4	Countdown	25-01-2023	100

CODERS CLUB

S. No.	Name of the activity	Held on (Date)	No. of Participants
1.	KICK-OFF: Learn Together, Grow Together	04-01-2023	124
2.	PREZI-QUIZ 1	11-01-2023	105
3.	PREZI-QUIZ 2	18-01-2023	61
4.	Cyber Security & Entrepreneurship	25-01-2023	
5.	Introduction to HTML	01-02-2023	27
6.	Application Presentation	04-02-2023	10
7.	Introduction to CSS	08-02-2023	25
8.	Final round of KREATIVE 2K23	20-02-2023	100
9.	Introduction to Java Script	15-03-2023	21

COMPUTER SOCIETY OF INDIA (CSI)

S. No.	Name of the activity	Held on (Date)	No. of Participants
1.	Technovanza	04.01.2023	48
2.	Techfiesta	11.01.2023	20
3.	Brain Blitz	18.01.2023	36
4.	Mindscape Ego	25.01.2023	30
5.	Introduction to HTML	01.02.2023	56
6.	Seminar on CSS	07.02.2023	26
7.	Seminar on JAVA SCRIPT	15.02.2023	22

INDIAN SOCIETY FOR TECHNICAL EDUCATION (ISTE)

S. No.	Name of the activity	Held on (Date)	No. of Participants
1	Team of Tangents	04.01.2023	24
2	Essay writing competition on “India and its Bilateral Relations - New Foreign Policy”	11.01.2023	10
3	Brain Waves	18.01.2023	23
4	Logo Design, Best Procedure and Caption Contest for “Kaun Banega Technopathy”	25.01.2023	24
5	Pictocular	15.03.2023	17
6	Guest Lecture on Endogenous Brain Switch by Mr. C. Sivananda Reddy, Research Scholar, IIT, Madras, Sr. Assistant Professor, Manipal University (KA), Karnataka	29.04.2023	76



On **21 June 2023**, G. Pulla Reddy Engineering College organized the GPREC Alumni Reunion in the United States of America, held during 16–18 June 2023. The reunion brought together alumni from different graduating batches, providing a platform to reconnect, strengthen professional networks, and reaffirm their enduring association with the institution.

Student Editorial and Design Team

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K.Bharathi, II Semester, ECE

M. Harshavardhan, VII Semester, CSBS (ECS)

M Vijaya Lakshmi, VII Semester, EEE

A Jhansi, V sem Semester, ME



On **1 April 2023**, the Department of Mechanical Engineering, in association with the Institution of Engineers (India) [IE(I)], organized a Design Challenge titled "Model Mania". The event provided students with an opportunity to showcase their creativity, design skills, and innovative problem-solving abilities through the development of engineering models.



On **15 April 2023**, G. Pulla Reddy Engineering College organized its first TEDxGPREC event with the theme "Unboxing the New Reality." The event featured five distinguished speakers from diverse fields who shared inspiring ideas, personal experiences, and innovative perspectives. Along with engaging talks, cultural performances and interactive sessions made the event a memorable platform for learning, inspiration, and intellectual exchange.