GEETHANJALI COLLGE OF ENGNEERING & TECHNOLOGY

Department's Monthly Report

Name of the Department: ECE Date from: **01-04-2024** to **30-04-2024**

1.Student Development Programs/Value Added Courses Conducted

S. No	Name of the program	Target Audience	Date(s)	No. of students	CO / PO attainment
			conducted	attended	
1	GS-MUN "Bringing People Together" , Fourth Edition 2024 organized by Srujanastra Club of ECE Department	All B.Tech (All Branch) Students	03-04-2024 and 04-04-2024	255 58 students from outside GCET	Faculty Coordinator M.Laxmi

2. Details of the Seminars/ Workshops /Refresher Courses / Orientation Courses/ FDPs attended by faculty

S.No.	Name of the Faculty	Nature of program attended: workshop etc	Title of the Program	Date(s) attended	Sponsored body/institute
1	AMIRINENI RAMA L PADMAJA	FDP	Cloud Computing in NPTEL-AICTE	Jan-April 2024 12 Weeks	IIT Madras
2	M ANAND	FDP	Machine Learning for Engineering and Science Applications in NPTEL-AICTE	Jan-April 2024 12 Weeks	IIT Madras
3	D.RAMYA	FDP	Machine Learning for Engineering and Science Applications in NPTEL-AICTE	Jan-April 2024 12 Weeks	IIT Madras
4	P. Chandra Prakash Reddy	FDP	Cloud Computing in NPTEL-AICTE Jan-April 12 Wee		IIT Madras
5	P. Chandra Prakash Reddy	Workshop	"Industrial Approach to Internet of Things and Its Research Challenges".	20-03-2024 to	VIT-AP University, Amaravati.

				26-03-2024	
6	S JYOTHIRMAYE	FDP	Cloud Computing in NPTEL-AICTE	Jan-April 2024 12 Weeks	IIT Madras
7	S JYOTHIRMAYE	FDP	Python for Data Science	Jan-April 2024 12 Weeks	IIT Madras
8	AMIRINENI RAMA L PADMAJA	2 nd International FDP	21st century, recent trends challenges and future roadmap in transitions in technological generations.	25-04-2024 to 30-04-2024	Yeswanth Rao Chavan College of Engineering, Nagpur
9	SAVITHRI PADMA PRIYA V	FDP	Computer Networks and Internet Protocol	Jan-April 2024 12 Weeks	IIT Madras
10	S JYOTHIRMAYE	2 nd International FDP	21st century, recent trends challenges and future roadmap in transitions in technological generations.	25-04-2024 to 30-04-2024	Yeswanth Rao Chavan College of Engineering, Nagpur
11	B.Sreelatha	FDP	The Art of Research	02-04-2024 to 06-04-2024	CBIT, Hyderabad
12	Dr.G.Sreelakshmi	Symposium	"Navigating the Opportunities in Innovation & Technology for Future Bharath"	05-04-2024	Organized by Akhil Bharthiya Rashtriya Shaikshik Mahasangh (Technical Education), Telangana State in association with JNTUH, Hyderabad.

NPTEL Certifications:

S.No	Name of The Faculty	Name of the course	Score	Date(s) attended	Sponsored body/institute
1	AMIRINENI RAMA L	Cloud Computing	73% (Elite)	Jan-April 2024	IIT Madras
	PADMAJA			12 Weeks	
2	M ANAND	Machine Learning for Engineering	56%	Jan-April 2024	IIT Madras
		and Science Applications		12 Weeks	
3	D.Ramya	Machine Learning for Engineering	71% (Elite)	Jan-April 2024	IIT Madras
		and Science Applications		12 Weeks	
4	K.Victor	Problem Solving through	55%	Jan-April 2024	IIT Madras
		Programming In C		12 Weeks	

6	K.Victor	Advanced Computer Architecture	45%	Jan-April 2024 12 Weeks	IIT Madras
7	K.Victor	Introduction to Internet of Things	82% (Elite)- Silver medal	Jan-April 2024 12 Weeks	IIT Madras
8	K.Victor	Advanced Computer Networks	56%	Jan-April 2024 12 Weeks	IIT Madras
9	L Uma Maheswari	Problem Solving through Programming In C	42%	Jan-April 2024 12 Weeks	IIT Madras
10	K.Satish Babu	Introduction to Internet of Things	75% (Elite)- Silver Medal	Jan-April 2024 12 Weeks	IIT Madras
11	P.Chandra Prakash Reddy	Cloud Computing	65%	Jan-April 2024 12 Weeks	IIT Madras
12	SAVITHRI PADMA PRIYA V	Computer Networks and Internet Protocol	75% (Elite)- Silver Medal	Jan-April 2024 12 Weeks	IIT Madras
13	S JYOTHIRMAYE	Cloud Computing	79% (Elite)- Silver Medal	Jan-April 2024 12 Weeks	IIT Madras
14	S JYOTHIRMAYE	Python for Data Science	62%	Jan-April 2024 12 Weeks	IIT Madras

Interaction with Outside World:

S. No	Name of the faculty	Designation	Date	Role	Topic	Name of the hosting
						organization
1	D. Venkata Rami Reddy	Associate	1	Judge for poster	"Vision Voyage"	Bhoj Reddy
		Professor	April	presentations	as a part of	Engineering College for
			2024		National Level	Women
					Technical festival	
					"Jijnasa 2024"	

3. Details of Research Publications.

Conference Papers:

S.	List of Authors	Title of the Paper	Conference Name	Year of	ISBN/ ISSN/	Indexing
No				Publication		
1	Dr.P Sri Hari	Linear Block Codes - A Machine Learning	3 rd International Conference on Deep Science for Computing and Communications-202 4	Participated and Presented a paper on 24-04-2024	Organized by SRM Institute of Science and Technology, Chennai	Scopus
2	Mr. K.Rama Rao	An Adaptive Deep Learning Framework for Prediction of Agricultural Yield	2024 International Conference on Integrated Circuits and Communication Systems (ICICACS)	18 April 2024	DOI: 10.1109/ICICACS60521.2024.10498465	IEEE Conference Publication (Scopus)
3	Dr.P.Sudhakar	UV LIF Lidar System for detection of biological aerosols	International Conference on Applied Mathematics and Advanced Data Analytics for Industry 5.0	Participated and Presented a paper on 25-04-2024	Organized by VNRVJIET, Hyderabad	Scopus
4	Dr.P.Sudhakar		IEEE international conference on Acoustics, speech and Signal Processing (IEEE ICASSP-2025) - Satellite Event	Participated on 02-04-2024	IEEE Signal Processing Society, Hyderabad	

4. Students Higher Education Data.

	C No	Dall Ma	Roll No. Name of the student Name of the program and University		TOEFL/ GRE/ GMAT/
	S. No	KOII NO.	Name of the student	Name of the program and University	Score, if any
	1.	20R11A0423	J.JASWANTH	MS in UK	GRE Score :331/3
	2.	20R11A04K4	G.NAGALOKESH	MS in US	IELTS Score : 6.:
	3.	20R11A04B9	Y.SATHWIKA	MS in US	IELTS Score : 6.0
	4.	19R11A04C9	NEELA MEGHANA GOVARDHANAM	MS in US	IELTS Score : 8.0 GRE Score :311/3-
Ī	5.	14R11A04L4	M.RAGHAVENDRA	MS in UK	NOT REQUIRED

5.Details of Patent/ Ongoing Projects / Consultancy

Title/ Description	Principal investigator	Duration/	Sponsoring Organization	Funding	Remarks
		time period		Amount	/ Present
					Status
Two days Seminar on Semiconductors,	Coordinator: Dr Appala Raju Uppala	Two days	Applied for AICTE-VANNI	Maximum	Under
Devices and Operational Analysis	Co- Coordinator: T.V.Chandra shekar		(Vibrant advocacy for	Funding	Review
			advancement and Nurturing	Amount	
			of Indian Languages) on	Rs 200000/-	
			16-04-2024		
"Latest Technologies in Aggrotech	Coordinator: Dr G.Sreelakshmi	Two days	Applied for AICTE-VANNI	Maximum	Under
& amp; Food Processing"	Co- Coordinator: M.Laxmi		(Vibrant advocacy for	Funding	Review
			advancement and Nurturing	Amount	
			of Indian Languages) on	Rs 200000/-	

	16 04 2024	1	i
	1 10-U4-ZUZ 4	1	
		1	
		i	

6. Details of Students Co-curricular/ Sports Achievements/ NSS Activities

i.Co-Curricular activities

S. No	Roll No. of the student	Name of the Student	Name of the Event	Organized by, specify	Date(s) of	Specify Prize(s) won, if
S. 1NO		Name of the Student		College/University	Participation	any
1		RAMAVATH EESHWAR	GATE-2024	IISc- Bengaluru	11-02-2024	Qualified GATE Score- 286 All India Rank-15734

ii. Details of NSS activities taken place (Overall Coordinator: Mr.R.Odaiah)

S. No.	Activity details	Date(s)	Organized by College/University
	Seminar on Women health issues	26-04-2024	NSS Unit in association with
1	Dr.Swathi H.V, an esteemed gynecologist, conducted a seminar on		Gurunanak CARE hospitals
	women health		
	Health camp	26-04-2024	NSS Unit in association with
	105 faculty and staff were provided with general physician		Gurunanak CARE hospitals
	consultation (fasting blood sugar, Blood Pressure) Orthopaedic (Bone Mineral Density),		
	Cardiology (ECG), ophthalmology and also Gynaecology consultations.		

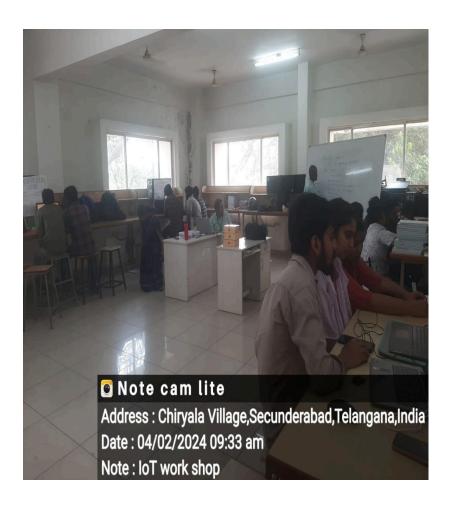
7. Action plan for new MoUs, if any: NA

8. Any other relevant/significant information:

Faculty Achievements:

- Mr. K.Victor has Received Certificate of Appreciation for being recognized as NPTEL DISCIPLINE STAR, NPTEL Enthusiasts and NPTEL Believers in CSE during JAN-APR 2024
- Dorsela Venkata Rami Reddy has been elevated to the grade of Senior Member of IEEE in this year 2024. Only 10% of more than 450,000 members have achieved this level. Dorsela Venkata Rami Reddy join the elite rank of IEEE Senior Members.

Signature of faculty member in-charge Dr. Appala Raju Uppala









GS-MUN





Gate Awarness Program

We students of ece 3 yrs have participated in project expe Azura 2k24 In CMR college of engineering and technology