GEETHANJALI COLLGE OF ENGNEERING & TECHNOLOGY

Department's Monthly Report

Name of the Department: ECE

Date from: **01-02-2024 to 29-02-2024**

1.Guest Lectures / Symposium: Furnish the list of guest lecturers/ Symposium arranged.

S. No	Name of the Resource person	Designation and Organization	Topic covered	Target Attendance	Proposed by (Name of the faculty)	Course Outcomes attained
1	**Two Days National Symposium on 5G Communications and Beyond** (02-02-2024 and 03-02-2024)					
	Dr.K.Vasudevan	*Professor,IIT-Kanpur*	Massive MIMO and Millimetre wave MIMO	Faculty (No. of participants-48)	Coordinator: Dr. P. Srihari Dean R&D Convener: Dr.M.Jagan Mohana Rao Associate Professor	
	Dr. Ratnakar Dash	*Associate Professor, NIT-Rourkela*	Application of ML in 5G and beyond			
	Dr. Sanjaya Kumar Panda	*Assistant Professor, NIT-Warngal*	Role of Fog Computing in 5G Networks			
	Dr.B.N.Patnaik	*Associate Professor, NIT-Raipur*	5G Use cases and scenarios			
	Dr. Srinivasarao.C	*Assistant Professor, NIT-Calicut*	Evolution from 2G to 5G and technical challenges, Technology drivers for 5G NR			
			6G waveforms			
2	Mr. M. Anand Mr.P.Chandra Prakash Reddy Ms. B Sreelatha	*Assistant Professor,* *Associate Professor*	5 Days In-house Faculty Development Program on "Project Oriented Lab" *6th -10th February, 2024*	Faculty (No. of participants-09)	Coordinator: B.Sreelatha	

3	Dr A.Hymavathi	Professor, Department of Humanities and Sciences, Shreyas Institute of Engineering and Technology (SIET), Hyderabad.	Introduction to Professional Ethics Date: 17-02-2024	II year B.Tech II semester students	Ms.ARL Padmaja, Assistant Professor	1. Students would be able to understand the importance of ethics and morals. 2. Students will learn the importance of the profession, professionalism, professional success and their importance in their personal lives. 3. Students will learn different life skills, value education, and dimensions of ethics.

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	Dr. G.Sreelakshmi	TWO day National Symposium	5G Communications and Beyond	02-02-2024 and 03-02-2024	GCET (UGC Autonomous)
2	Dr. B.L.Prakash				
3	Dr. P.Sudhakar				
4	Dr.Appala Raju Uppala				
5	Dr. G.Vallathan				
6	R.Odaiah				
7	D.Venkata Rami Reddy				
8	Y.Nagalakshmi				
9	M.Laxmi				

10	G.Ramachandra Kumar				
11	K.Rama Rao				
12	B.Ramu				
13	I.Rajani Kumari				
14	B.Sumithra				
15	K.Mamatha				
16	N.Nagalakshmma				
17	L.Umamaheswari				
18	S.Jyothirmayee				
19	B. Sreelatha				
20	N. Anjaneyulu				
21	M. Sowjanya				
22	M. Chathar Singh				
23	V.Savithri Padma Priya				
24	Prof. O.V.P.R.Siva Kumar	Workshop	RISC-VOLUTION: Navigating NoC, Caches, and Architectures for Tomorrow's Tech	03-02-2024	Organized by Department of EEE, BITS-Pilani Hyderabad Campus
25	Dr.Appala Raju Uppala	TWO Day FDP	Advances in 5G Technology and Beyond	08-02-2024 and 09-02-2024	Organized by GITAM (Deemed to be University), Hyderabad.
26	M.Anand	Workshop	Incubator Capacity Building Program	10-02-2024	Organized by Directorate of Entrepreneurship Innovation and Start-ups, JNTUH in association with ALEAP WE-HUB

3. Details of Research Publications.

Journal Papers:

S. No	List of Authors	Title of the Paper	Journal Name	Year of Publication	ISBN/ ISSN/	Scopus Index / SCI
1	Dr. Appala Raju Uppala	Optimized Spectrum Handoff Mechanism using Squirrel Search Algorithm in Cognitive Radio Networks'	International Journal of Mobile Network Design and Innovation Publisher: Inderscience Publishers	Submitted on 25-02-2024 Manuscript submission code is: IJMNDI-196546 Under Review	1744-2850	Scopus
2	Dr. Appala Raju Uppala	Higher Order and Optimized Symmetric 2D FIR Filter Design and Hardware Architecture Implementation using CSD-CSE	International Journal of Circuit Theory and Applications Publisher: Wiley-Blackwell	Submitted on 19-02-2024 manuscript ID is : CTA-24-0237 Under Review	0098-9886	Scopus

Conference Papers:

S. No	List of Authors	Title of the Paper	Conference Name	Year of Publication	ISBN/ ISSN/	Indexing
1	A R L Padmaja S Jyothirmayee G.Vallathan	Modified-Distributed Energy-Efficient Clustering (M-DEEC) for Heterogeneous	2023 International Conference on Emerging Research in Computational Science (ICERCS)	21-02-2024	**DOI:** 10.1109/ICERCS57948.2023.10434231	Scopus IEEE xplore

		Wireless Sensor Network				
2	S Jyothirmayee A R L Padmaja	Enhanced Network Lifetime and Efficiency in Wireless Sensor Networks through Modified Multi-Chain PEGASIS with Mobile Sink Mobility	2023 International Conference on Emerging Research in Computational Science (ICERCS)	21-02-2024	**DOI:** 10.1109/ICERCS57948.2023.10434260	Scopus IEEE xplore
3	S Jyothirmayee	TNU Net: Water Body Segmentation based on the Transformer Network with U-Net model	6th International Conference on Recent Trends in Advanced Computing Theme: Cutting Edge Technologies in Computing - SDG(ICRTAC 2023)	2023	**Awarded as the best paper** Organized by School of Computer Science and Engineering (SCOPE), Vellore Institute of Technology, Chennai Dates: 15-12-2023 and 16-12-2023	Scopus
4	Y.Nagalakshmi	Improvised Ensemble Model for Fast Prediction of DoS/DDoS Attacks in Various Networks	*2023 1st International* Conference on Cognitive Computing and Engineering Education (ICCCEE) MIT ADT University Pune, India. Apr 27-29, 2023	06-03-25024	https://orcid.org/0000-0003-1814-5913 1	Scopus IEEE xplore

9. Students Higher Education Data.

S. No	Roll No.	Name of the student	Name of the program and University	TOEFL/ GRE/ GMAT/ IELTS Score, if any
1.	20R11A04G4	Surnilla Vaishnavi	MS in US	Duolingo Score : 135
2.	20R11A04C8	Challa Lahari	MS in US	GRE Score :321/346
3.	18R11A04M 7	Katkoju Vidya Bharathi	MS in US	GRE Score :323/346
4.	20R11A04B0	S.Shiva Teja	MS in US	IELTS Score : 6.5
5.	20R11A0428	Kotte Venkata Phaninder Reddy	MS in US	TOEFL Ibt:87/120
6.	20R11A0489	Kotikalapudi Bhavya Sri Lakshmi	MS in US	Duolingo Score : 110
7.	19R11A0433	Peddaboina Vaishnavi	MS in US	IELTS Score : 6.5
8.	20R11A0493	Macha Saketh Reddy	MS in US	GRE Score :318/346
9.	20R11A0462	Andem Sai Tejaswini	MS in US	GRE Score :311/346
10.	19R11A04L9	G.S.Mohit	MS in US	IELTS Score : 7.0

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

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

S. No.	Activity details	Date(s)	Organized by College/University
1	Survey program for vocational training and placement programme for unemployed villagers The survey conducted in 10 villages	19-02-2024 to 26-02-2024	Proposed by Blue Collared Job Openings-Chauwk Plotform in association with NSS unit GCET.

17. Any other relevant/significant information:

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

Signature of Head of the Department
Dr.G.Sreelakshmi



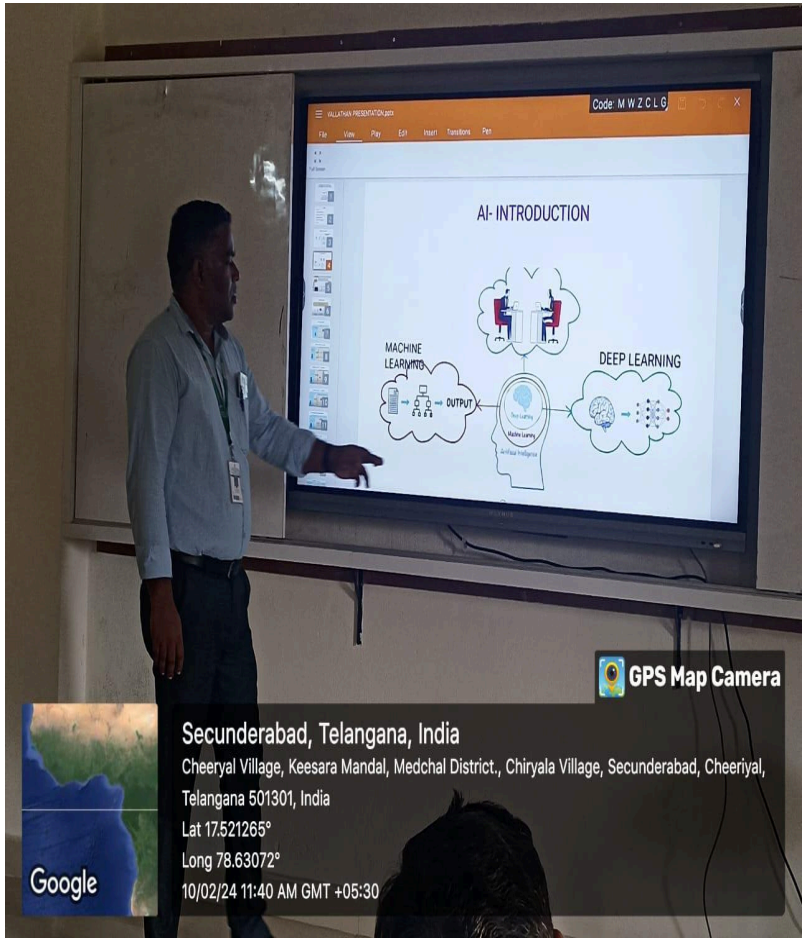
FDP on LIC lab

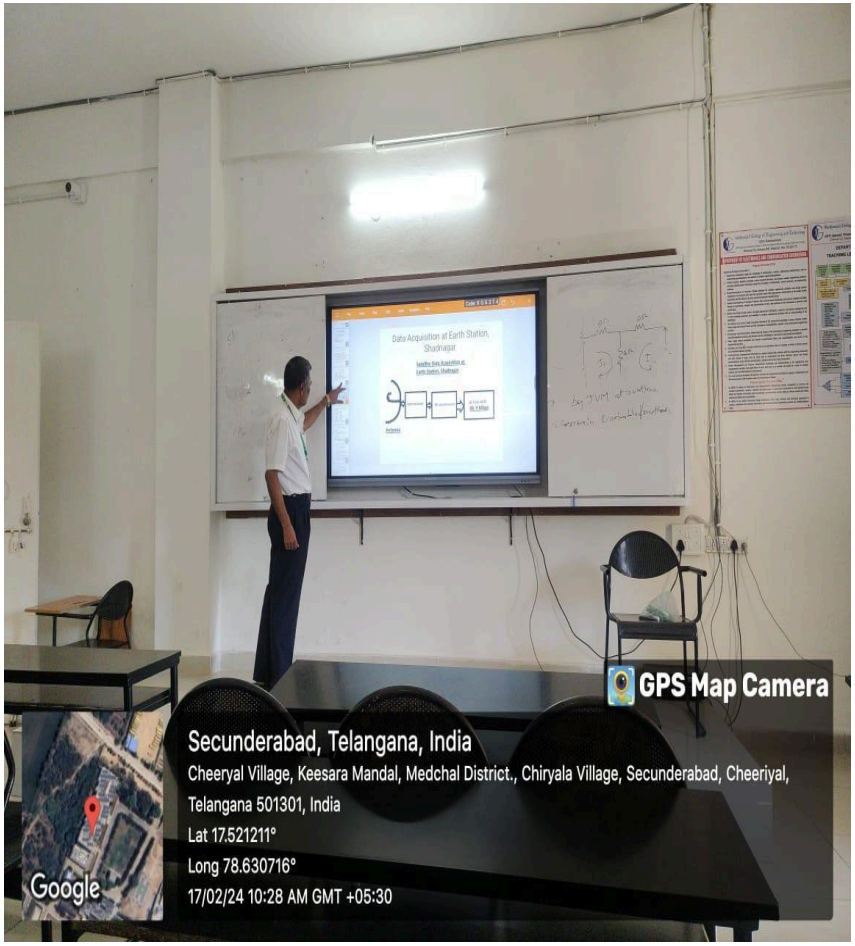


FDP on PO lab



FDP on DSP lab





Faculty Presentations


GPS Map Camera
Hyderabad, Telangana, India
PHARMACY BLOCK, GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY, Chiryala Village, Hyderabad, Secunderabad, Telangana 501301, India
Lat 17.519886°
Long 78.629144°
16/02/24 11:05 AM GMT +05:30
Google



Entrepreneurship training program

Indian Startup Ecosystem