



GEETHANJALI COLLEGE OF ENGINEERING & TECHNOLOGY

INTERNAL QUALITY ASSURANCE CELL (IQAC)

Department of Electronics and Communication Engineering

Department's Monthly Report

Name of the Department: ECE

Date from: **01-03-2025 to 31-03-2025**

1. Guest Lectures / Webinar / etc... arranged.

S. No	Name of the Resource person	Designation and Organization	Topic covered	Target Attendance	Proposed by (Name of the faculty)
1	Dr.A.Hymavathi,	Professor, S&H dept, Sreyas College of Engineering and Technology	Professional Ethics Date:01-03-2025 Mode: Online at GCET	All II B.Tech Students and Faculty of GCET	Ms. A.R.L Padmaja GCET
2	Dr.A.Hymavathi,	Professor, S&H dept, Sreyas College of Engineering and Technology	Professional Ethics Date:29-03-2025 Mode: Online at GCET	All II B.Tech Students and Faculty of GCET	Ms. A.R.L Padmaja GCET

2. Student Development Programs/Value Added Courses Conducted

S. No	Name of the program	Target Audience	Date(s) conducted	No. of students attended	CO / PO attainment	Coordinator:
1	F3 (FIND-FIT-FINISH)	2 nd and 3 rd B.Tech students	03-03-2025	138	-	Ms. M Laxmi Assoc. Professor
2	“Digital and Analog Design Flow using Cadence Tools from RTL to GDS II	4 th & 3 rd B.Tech ECE & EEE students	24 -02-2025 to 01-03-2025	20	-	Mr. G. Ramachandra Kumar, Assistant Professor Mr. M. Chathar Singh, Assistant Professor
3	Research Methodology and Paper Writing	4 th B.Tech ECE students	05-03-2025 to 06-03-2025	20	-	Dr.G.Valathan , Associate Professor
4	BBG 1.0, 48 Hours Hackathon	All B.Tech students	22-03-2025 and 23-03-2025	81	-	Mrs. S.Jyothirmaye Associate Professor Mr. Dorsela Venkata Rami Reddy Associate Professor

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

S.No	Name of the Faculty	Nature of program attended: conference/workshop/ FDP etc..	Title of the Program	Date(s) attended	Sponsored body/institute

1	Mrs M. Laxmi	FDP	Revolutionizing Data Analytics: Tableau, Power BI, AI, and Optimization Techniques.	12-03-2025 to 16-03-2025	SR University, Warangal, Telangana
2	Dr.Appalaraju Uppala	FDP	FUTURE TRENDS IN MACHINE LEARNING AND DATA SCIENCE-DRIVEN IOT APPLICATIONS (FTMLDSA-IOT-2025)	10-03-2025 to 17-03-2025	ONLINE: BUDGE BUDGE INSTITUTE OF TECHNOLOGY (BBIT), KOLKATA.
3	Dr B Ramu	FDP	Innovative Techniques for Crafting and Publishing Research Papers	10-02-2025 to 14-02-2025	Velammal Institute of Technology, Chennai - Kolkatta Highway, Panchetti, Ponneri

Conference Papers:

S. No	List of Authors	Title of the Paper	Conference Name	Year of Publication	ISBN/ ISSN	Indexing
1	Dr B Ramu	AI-powered Brain Tumor Detection Using Hypergraph Neural Network in MRI Scans	Advances in Communication Networks & Systems (COACONS 2025)	Conference dates 26-03-2025 and 27-03-2025	Presented paper	Scopus

4. Details of Patent/ Ongoing Projects / Consultancy

S.No	Title/ Description	Principal investigator	Duration/ time period	Sponsoring Organization	Funding Amount	Start date	Remarks / Present Status
1	Performance enhancement of SRM drive using Schmitt predictor and firefly optimization	Dr.M.Jagan Mohan Rao	12 Months	GCET (Seed Funding money scheme)	Rs. 2,00,000/-	December 2024	Ongoing
2	Development of a novel lidar inversion method for retrieval of mie lidar returns	Dr. P. Sudhakar	12 Months	GCET (Seed Funding money scheme)	Rs. 2,00,000/-	November 2024	Ongoing

5. 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 College/University	Date(s) of Participation	Specify Prize(s) won, if any
1	21R11A04E7	R.Hara Teja	Recognition of Voice Signals from a Noisy Environment	CBIT,Hyderabad	4th - 5th March, 2025	1 st Prize
2	23R11A0496	THODUPUNURI GIRISH	IoT Battery System, 11th National Level Startup Summit- STARTUPEDIA (Project Presentation)	E-Cell, Institute of Public Enterprise, Hyderabad	20th - 21st March, 2025	-

3	23R11A0458	DHARAVATH NAVEEN	IoT Battery System, 11th National Level Startup Summit- STARTUPEDIA (Project Presentation)	E-Cell, Institute of Public Enterprise, Hyderabad	20th - 21st March, 2025	1 st Prize
4	23R11A0496	T GIRISH KUMAR	INCUBEAT 2025, A Pitching Competition	Nalsar University of Law	5th March, 2025	1 st Prize
5	22R11A04J0	GREESHMA	EmpowerTech National Level Hackathon	Vellore Institute of Technolofy (VIT), Chennai	9th-10th March, 2025	-
6	23R15A0419	A RASOVARDHAN	EmpowerTech National Level Hackathon	Vellore Institute of Technolofy (VIT), Chennai	9th-10th March, 2025	-
7	23R15A0418	A CHANDRASEKHAR	EmpowerTech National Level Hackathon	Vellore Institute of Technolofy (VIT), Chennai	9th-10th March, 2025	-
9	22R11A04H1	NISHITHA MARUVADA	EmpowerTech National Level Hackathon	Vellore Institute of Technolofy (VIT), Chennai	9th-10th March, 2025	-
9	22R11A04K2	YASHIKA AGARWAL	EmpowerTech National Level Hackathon	Vellore Institute of Technolofy (VIT), Chennai	9th-10th March, 2025	-
10	23R15A0421	SAI KUMAR	EmpowerTech National Level Hackathon	Vellore Institute of Technolofy (VIT), Chennai	9th-10th March, 2025	-
11	22R11A04J4	POLLREDDY SREEJA	EmpowerTech National Level Hackathon	Vellore Institute of Technolofy (VIT), Chennai	9th-10th March, 2025	-
12	22R11A04H2	SHRUTHI MESHRAM	EmpowerTech National Level Hackathon	Vellore Institute of Technolofy (VIT), Chennai	9th-10th March, 2025	-

13	23R11A0474	K JISHNU	Captain Wala, 11th National Level Startup Summit-STARTUPEDIA	E-Cell, Institute of Public Enterprise, Hyderabad	20th - 21st March, 2025	-
14	23R11A0472	K VIKRAM SEERVI	Captain Wala, 11th National Level Startup Summit-STARTUPEDIA	E-Cell, Institute of Public Enterprise, Hyderabad	20th - 21st March, 2025	-

ii. Details of NSS activities taken place

S. No.	Activity details	Date(s)	Organized by College/University
1	Educational Tour	05-03-2025	NSS unit GCET in association with cheeryal govt primary school
2	Developing a model Nutrition and Lifestyle Risk Surveillance System	11-03-2025	By NSS unit in association with ICMR – National Institute of Nutrition (NIN)
3	Cardiovascular disease risk assessment	12-03-2025	By NSS unit in association with Care foundation

6. Student achievements and Certifications:

S.No.	Roll number	Name of the Student	Name of the course	Date(s) attended	Sponsored body/institute
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1	22R11A04F8	BHARATH GORIPARTI	Programming in C	05-03-2025	Infosys Spring board Collaborated with GCET
2	21R11A04F2	TARUN BOMMERLA	Programming in C	05-03-2025	Infosys Spring board Collaborated with GCET
3	21R11A04J3	M.AKSHAY KUMAR	GATE 2025	Feb 2025	conducted by IIT Kanpur All India Rank: 12924
4	22R11A0456	AJAY BODDU	GATE 2025	Feb 2025	conducted by IIT Kanpur All India Rank: 21375
5	23R15A0407	CHILLEY RAMYA	GATE 2025	Feb 2025	conducted by IIT Kanpur All India Rank: 23982
6	22R11A0429	MADARAPU FRANCIS	GATE 2025	Feb 2025	conducted by IIT Kanpur All India Rank: 11320

7.Details of Industry visits organized/planned by the departments

S No	Dept	Associated Industry, Address	Visit provided to (Year / section)	Date of visit	Faculty Coordinator	No. of students visited
1	ECE	CIA MSME EXPO – 2025 conducted by Cherlapally Industries Association (CIA)	III-B.Tech., ECE	08/03/25	Dean, of III: Prof. O.V.P.R. Siva Kumar, and Coordinator: Dr Appala Raju .U	44

8.Action plan for new MoUs, if any

9.Any other relevant/significant information:

Faculty Achievements:

- Dr. Srihari and Dr. Appala Raju Uppala were recognized as Research Supervisors for Ph.D. scholars by JNTUH, Hyderabad, effective from 10th March 2025.

□ Mr. K. Victor has qualified both GATE 2025 and NET 2025.

Faculty member in-charge
Mr.A.Shankar

Overall Coordinator
Dr. Appala Raju Uppala

Head of the Department
Dr.G.Sreelakshmi





Today's workshop on Fundamentals of Programming for Arduino and Vega Processor on 01/03/2025



R.Hara Teja received First Prize from Prof. A D Sarma Garu, Advisor, R&D, CBIT in Paper Presentation for the topic "Recognition of Voice Signals from a Noisy Environment" conducted by CBIT.





Industrial Expo visit photos @ charlapalli



The students have completed the two reviews and are now waiting for the final presentation at VIT, Chennai.



Today's QNX everywhere in education program launch event.



Visited Viven Embedded company that trains students in Embedded Linux based applications development for a career in core area



Happy to share that TEAM IOT BATTERY SYSTEMS

- 1) T.Girish Kumar ECE/2B.
- 2) D.Naveen-ECE/2B
- 3) N.Sai Chetan - DS/2C
- 4) B.Narendra Reddy -DS/2D secured I Prize in STARTUPEDIA 25 organized by e-cell, IPE



GPS Map Camera

Secunderabad, Telangan...

Cheeryal Village, Keesara Mandal,
Medchal District., Chiryala Village,
Secunderabad, Telangana 501301,
India

Lat 17.521101° Long 78.630721°

22/03/2025 02:11 PM GMT +05:30



Secunderabad, Telangan...

Cheeryal Village, Keesara Mandal,
Medchal District., Chiryala Village,
Secunderabad, Telangana 501301,
India

Lat 17.521184° Long 78.630708°

22/03/2025 02:08 PM GMT +05:30

Research seminar by Mr.G. Ramachandra Kumar



Today's workshop on Fundamentals of Programming for Arduino and VEGA Processor.

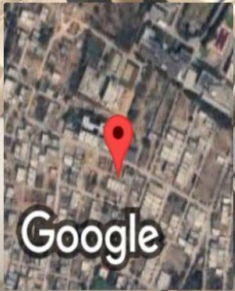


GPS Map Camera

Cheeriyal, Telangana, I...

Gj9j+f2j, Cheryaal, Secunderabad,
Cheeriyal, Telangana 501301, India

Lat 17.519049° Long 78.629813°
23/03/2025 01:13 AM GMT +05:30





Secunderabad, Telang...

Eee & Enc Block, Geethanjali College Of
Engineering And Technology, Chiryala
Village, Secunderabad, Telangana
501301, India

Lat 17.521341° Long 78.630707°

23/03/2025 01:13 AM GMT +05:30



Secunderabad, Telang...

Eee & Enc Block, Geethanjali College Of
Engineering And Technology, Chiryala
Village, Secunderabad, Telangana
501301, India

Lat 17.520985° Long 78.630561°
23/03/2025 01:17 AM GMT +05:30



BBG 1.0 - 48 hours hackathon