GEETHANJALI COLLGE OF ENGNEERING & TECHNOLOGY

INTERNAL QUALITY ASSURANCE CELL (IQAC)

Department of Electronics and Communication Engineering

Department's Monthly Report

Name of the Department: ECE

Date from: **01-11-2025 to 30-11-2025**

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)	Course Outcomes attained
1	Dr. Dinakar Dantala	Emeritus Professor, NIT Warangal (21-11-25)	Optical innovations for Future Communications	All faculty and students	Dr.P.Sudhakar (R&D Cell)	-
2	Dr. B. N. Patnaik	Head of the Department of Electronics and Telecommunication Engineering (ETCE), NIT Raipur	Advances on Quantum Communication & Computing	All faculty (ECE and CSE)	Dr. M. Jagann Mohana Rao(R&D Cell)	-

2. 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	Remarks
1	Ms.J Mrudula	Workshop	RISC-V Edge AI Workshop	17.10.2025 to 26.10.2025	, VLSI System Design (VSD).	
2	Mr. P. Chandra Prakash Reddy	3rd Research Writing Workshop cum Faculty Development Program	A Guide to Research Writing Tools: Enhancing Productivity and Quality	01.11.2025 to 07.11.2025	Meadow agriculture	
3	Mr.Anjaneyulu Nangunuri,	ATAL FDP	V2X Beyond 5G – Trends, Technologies & Future Directions	10.11.2025 to 15.11.2025	Vidya Jyothi Institute of Technology	
4	Mrs.Savithri Padma Priya V	FDP(NPTEL)	5G Wireless Standard Design	Jul-Oct 2025	IIT Madras	
5	Mrs.S Jyothirmaye	FDP(NPTEL)	VLSI Design Flow: RTL to GDS	Jul-Oct 2025	IIT Madras	
6	Mr.R.Odaiah	FDP(NPTEL)	Computer Vision	Jul-Oct 2025	IIT Kharagpur	
7	Dr. Bonda Leelaram Prakash	FDP(NPTEL)	Computer Vision	Jul-Oct 2025	IIT Kharagpur	

8	Mr.A.Shankar	FDP(NPTEL)	Computer Vision	Jul-Oct 2025	IIT Kharagpur	
9	Mr.Vellala Amareswar	FDP(NPTEL)	Artificial Intelligence: Concepts and Techniques	Jul-Oct 2025	IISC Bangalore	
10	Mr.Dorsela Venkata Rami Reddy	FDP(NPTEL)	Operating System Fundamentals	Jul-Oct 2025	IIT Kharagpur	
11	Mrs.M Sowjanya	FDP(NPTEL)	Deep Learning - IIT Ropar	Jul-Oct 2025	IIT Madras	
12	Mrs. Laxmi Mitta	FDP(NPTEL)	Deep Learning - IIT Ropar	Jul-Oct 2025	IIT Madras	
13	Mrs. Bolisetty Sreelatha	FDP(NPTEL)	Deep Learning - IIT Ropar	Jul-Oct 2025	IIT Madras	
14	Mrs.M Sowjanya	FDP(NPTEL)	Computer Vision	Jul-Oct 2025	IIT Madras	
15	Mrs. Laxmi Mitta	FDP(NPTEL)	Computer Vision	Jul-Oct 2025	IIT Madras	
16	Mrs. Bolisetty Sreelatha	FDP(NPTEL)	Computer Vision	Jul-Oct 2025	IIT Kharagpur	
17	Mr.A.Shankar	FDP(NPTEL)	Computer Vision	Jul-Oct 2025	IIT Madras	
18	Dr.AppalaRaju Uppala	FDP(NPTEL)	Computer Vision	Jul-Oct 2025	IIT Kharagpur	
19	Mrs.J Mrudula	FDP(NPTEL)	Computer Vision	Jul-Oct 2025	IIT Kharagpur	
20	Mrs.J Mrudula	FDP(NPTEL)	Python for Data Science	Jul-Oct 2025	IIT Madras	
21	Mrs.J Mrudula	FDP(NPTEL)	Introduction to Machine Learning	Jul-Oct 2025	IIT Kharagpur	
22	Mrs. D Ramya	FDP(NPTEL)	Reinforcement Learning	Jul-Oct 2025	IIT Madras	

23	Mrs. Amirineni Rama L Padmaja	FDP(NPTEL)	Reinforcement Learning	Jul-Oct 2025	IIT Madras	
24	Mr.P.Chandra Prakash Reddy	FDP(NPTEL)	Deep Learning - IIT Ropar	Jul-Oct 2025	IIT Madras	
25	Mr.Anjaneyulu Nangunuri	FDP(NPTEL)	Cloud Computing	Jul-Oct 2025	IIT Madras	
26	Mr.K Rama Rao	FDP(NPTEL)	Introduction to Machine Learning	Jul-Oct 2025	IIT Madras	
27	Mrs. Umarani Marri,	ATAL FDP	The Future of Healthcare: AI- Infused Med-Tech Innovations	17.11.2025 to 22.11.2025	School Of Arts and Science Vinayaka Missions Research Foundation Deemed to be University	
28	Dr.P.Sudhakar	FDP(NPTEL)	The Joy of Computing using Python	Jul-Oct 2025	IIT Madras	
29	Mrs. D Ramya	FDP(NPTEL)	Cloud Computing	Jul-Oct 2025	IIT Madras	
30	Mrs. B Sumitra	FDP(NPTEL)	The Joy of Computing using Python	Jul-Oct 2025	IIT Madras	
31	Dr.Appala Raju Uppala	Conference	Real-Time Food Quality Evaluation via SIFT and Edge Detection on Embedded Platforms	31-10-25 to 01-11-2025	Manav Rachna International Institute of Research and Studies	
32	Mr.K.Satish Babu	FDP(NPTEL)	Computer Vision	Jul-Oct 2025	IIT Kharagpur	

Faculty NPTEL Certifications:

S.No.	Name of The Faculty	Name of the course	Score	Date(s) attended	Sponsored body/institute
1.	Mrs.Savithri Padma Priya V	5G Wireless Standard Design	71%	Jul-Oct 2025	IIT Madras
2	Mrs.S Jyothirmaye	VLSI Design Flow: RTL to GDS	57%	Jul-Oct 2025	IIT Madras
3	Mr.R.Odaiah	Computer Vision	51%	Jul-Oct 2025	IIT Kharagpur
4	Dr. Bonda Leelaram Prakash	Computer Vision	55%	Jul-Oct 2025	IIT Kharagpur
5	Mr.A.Shankar	Computer Vision	63%	Jul-Oct 2025	IIT Madras
6	Mr.Vellala Amareswar	Artificial Intelligence: Concepts and Techniques	63%	Jul-Oct 2025	IISC Bangalore
7	Mr.Dorsela Venkata Rami Reddy	Operating System Fundamentals	71%	Jul-Oct 2025	IIT Kharagpur
8	Mrs.M Sowjanya	Deep Learning - IIT Ropar	87%	Jul-Oct 2025	IIT Madras
9	Mrs. Laxmi Mitta	Deep Learning - IIT Ropar	88%	Jul-Oct 2025	IIT Madras
10	Mrs. Bolisetty Sreelatha	Deep Learning - IIT Ropar	86%	Jul-Oct 2025	IIT Madras
11	Mrs.M Sowjanya	Computer Vision	65%	Jul-Oct 2025	IIT Madras
12	Mrs. Laxmi Mitta	Computer Vision	69%	Jul-Oct 2025	IIT Madras
13	Mrs. Bolisetty Sreelatha	Computer Vision	71%	Jul-Oct 2025	IIT Kharagpur

14	Dr.AppalaRaju Uppala	Computer Vision	52%	Jul-Oct 2025	IIT Kharagpur
15	Mrs.J Mrudula	Computer Vision	52%	Jul-Oct 2025	IIT Kharagpur
16	Mrs.J Mrudula	Python for Data Science	72%	Jul-Oct 2025	IIT Madras
17	Mrs.J Mrudula	Introduction to Machine Learning	73%	Jul-Oct 2025	IIT Kharagpur
18	Mrs. D Ramya	Reinforcement Learning	69%	Jul-Oct 2025	IIT Madras
19	Mrs. Amirineni Rama L Padmaja	Reinforcement Learning	53%	Jul-Oct 2025	IIT Madras
20	Mr.P.Chandra Prakash Reddy	Deep Learning - IIT Ropar	58%	Jul-Oct 2025	IIT Madras
21	Mr.Anjaneyulu Nangunuri	Cloud Computing	60%	Jul-Oct 2025	IIT Madras
22	Mr.K Rama Rao	Introduction to Machine Learning	70%	Jul-Oct 2025	IIT Madras
23	Dr. P. Sudhakar	The Joy of Computing using Python	79%	Jul-Oct 2025	IIT Madras
24	Mrs. D Ramya	Cloud Computing	71%	Jul-Oct 2025	IIT Madras
25	Mrs. B Sumitra	The Joy of Computing using Python	79%	Jul-Oct 2025	IIT Madras
26	Mr.K.Satish Babu	Computer Vision	50%	Jul-Oct 2025	IIT Kharagpur

Conference Papers:

S. No	List of Authors	Title of the Paper	Conference Name	Year of Publication	ISBN/ ISSN	Indexing
1	Mrs.L. Uma Maheshwari	A Deep Learning Framework for Radar Signal Analysis with Spatio-Temporal Fusion	2025 4th International Conference on Innovative Mechanisms for Industry Applications (ICIMIA)	20.10.2025	ISBN:979-8-3315-5387-6	**Sc**opus-indexed
2	Dr. G. Vallathan	A Deep Learning Framework for Radar Signal Analysis with Spatio-Temporal Fusion	2025 4th International Conference on Innovative Mechanisms for Industry	20.10.2025	ISBN:979-8-3315-5387-6	**Sc**opus-indexed

			Applications (ICIMIA)			
3	Mr.K. Satish Babu	A Privacy and Integrity Protected Framework for Secure Telemedicine Applications	2025 4th International Conference on Innovative Mechanisms for Industry Applications (ICIMIA)	20.10.2025	ISBN:979-8-3315-5385-2	Scopus-indexed
4	Dr. G. Vallathan	A Privacy and Integrity Protected Framework for Secure Telemedicine Applications	2025 4th International Conference on Innovative Mechanisms for Industry Applications (ICIMIA)	20.10.2025	ISBN:979-8-3315-5385-2	Scopus-indexed
5	Mr.G.Venkateshwarlu	A Privacy and Integrity Protected Framework for Secure Telemedicine Applications	2025 4th International Conference on Innovative	20.10.2025	ISBN:979-8-3315-5385-2	Scopus-ind

			Mechanisms for Industry Applications (ICIMIA)			exed
6	Mr.D. Venkata Rami Reddy,	Graph Convolutional Network-Based Model for Attack Detection and Mitigation Technique in Wireless Sensor Networks	2025 3rd World Conference on Communication & Computing (WCONF)	17.11.2025	ISBN:979-8-3315-3046-4	Scopus-indexed
7	Dr. Bonda Leelaram Prakash	Integrating Quantum Feature Encoding and Classical Post-Processing to Enhance IoT Edge Intelligence using Quantum Machine Learning Models	5th International Conference on Ubiquitous Computing and Intelligent Information Systems (ICUIS-2025)	28.11.2025	ISBN: 979-8-3315-5283-1	Scopus-indexed

3. Students Higher Education Data.

S. No	Roll No.	Name of the student	Name of the program and University	TOEFL/ GRE/ GMAT/ IELTES Score, if any
1	17R11A04E3	Vilasagaram Indra	MS in US	PTE:55

2	21R11A04M1	Bhushi Anvesh	MS in UK	Not Required
3	21R11A0489	N.Vinod	MS in UK	Not Required

4. Details of Patent/ Ongoing Projects / Consultancy

S.No.	Title/ Description	Principal investigator/Author Name	Duration/ time period/Published Journal Name	Sponsoring Organization	Funding Amount	Start date/Month of Publishing	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

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

i. Details of NSS activities taken place

S. No.	Activity details	Date(s)	Organized by College/University
1	Youth SDG walk @ Neckless road-Hyderabad	01-11-2025	Govt of Telangana
2	Women Hygiene and Health Awareness session @ JJJ Ashram	12-11-2025	NSS Unit, GCET
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6. Student achievements and Certifications:

S.No.	Roll number	Name of the Student	Name of the course	Date(s) attended	Sponsored body/institute
1	23R11A04J6	V. Karunya Ganesh	Learn Programming with Java - An Interctive way	2nd October 2025	Infosys Spring Board
2	23R11A04H0	M.Venkata Sai Charan	System Design Through verilog	Jul-Sept 2025	NPTEL
3	23R11A04E4	A.Varalakshmi	Learn Programming with java-An interactive way	5th October , 2025	Infosys Spring board
4	23R11A04E6	B.Reema	Learn Programming with java- An Interactive way	5th October,2025	Infosys Spring board
5	23R11A04E7	B Dheeraj	Java in Depth	1st October,2025	Udemy
6	23R11A04E7	B Dheeraj	Java for Beginners	7th October,2025	Infosys Spring board
7	23R11A04E9	B.Pranay	learn programming with Java-An interactive way	5th October 2025	Infosys Spring Board
8	23R11A04F0	B.Charanya	Learn programming with java-an interactive way	16th October 2025	Infosys spring board
9	23R11A04F1	B. Vinod kumar	Learn Programming with Java - An Interactive Way	7th October 2025	Infosys Spring Board
10	23R11A04F3	B.krupasagar	Learning programming with java-an interactive way	25th September 2025	infosys spring board
11	23R11A04F4	Burri.Ravi	Learn programming with java-an interactive way	16th September 2025	Infosys Spring Board
12	23R11A04F6	C.Gnana Sree	Learn Programming with Java - An Interactive Way	6th October 2025	Infosys Spring board
13	23R11A04F7	D.Teja	Learn programming with java-an interactive way	16th October 2025	Infosys spring board
14	23R11A04F9	G.Mohan	Learn programming with java-an interactive way	25th October 2025	Infosys spring board
15	23R11A04G0	G Ruthik	Learn Programming with Java - An Interactive Way	24 August 2025	Infosys Spring board

16	23R11A04G1	J.Krishna Tej	Learn programming with java an interactive way	5th October 2025	Infosys spring board
17	23R11A04G2	K Pallavi	Learn programming with java-An Interactive Way	15 October 2025	Infosys Spring board
18	23R11A04G3	K.Shiva Kumar	Learn Programming with Java - An Interactive Way	29 September 2025	Infosys Spring board
19	23R11A04G4	K.Tejas	Learn Programming with java	13th October 2025	Infosys Spring board
20	23R11A04G5	K Raghavender Reddy	Learn Programming with java	07th October 2025	Infosys Spring board
21	23R11A04G6	K Varun	Cyber security	26th October 2025	Infosys Spring board
22	23R11A04G8	L.Vamshi varma	Java for Beginners	9 June 2025	Infosys spring board
23	23R11A04G9	M.Adithya	Learn programming with java -An interactive Way	4th October 2025	Infosys spring board
24	23R11A04H1	Mohammad Sakeena	Learn programming with java -An interactive Way	21st October 2025	Infosys spring board
25	23R11A04H2	N.Sathvik	Learn programming with java -An interactive Way	13th October 2025	Infosys spring board
26	23R11A04H3	P.Koushik raj	Learn programming with java -An interactive Way	5th October 2025	Infosys spring board
27	23R11A04H5	P.Mani deepak	Learn programming with java -An interactive Way	1st October 2025	Infosys spring board
28	23R11A04H6	P.Saranya	Learn Programming with Java - An Interactive Way	4th October 2025	Infosys spring board
29	23R11A04H7	R Kiran Kumar	Learn Programming with Java - An Interactive Way	15th October 2025	Infosys spring board
30	23R11A04H8	R.Sneha	Learn Programming with Java - An Interactive Way	22nd October 2025	Infosys spring board
31	23R11A04J0	S.Chetan Sharma	Java Programming Fundamentals and Java 11 Essentials	24th September 2025	Infosys Spring Board
32	23R11A04J1	S.Ishita	Learn Programming with Java - An Interactive Way	6th October 2025	Infosys spring board
33	23R11A04J2	T.Pranay Kumar	Learn Programming With Java-An Interactive Way	9th November 2025	Infosys spring board

34	23R11A04J3	T.Sadwika	Learn Programming with Java - An Interactive Way	24th October 2025	Infosys spring board
35	23R11A04J4	T.Hasmitha	Java Programming Fundamentals	7th October 2025	Infosys spring board
36	23R11A04J5	V.Manaswini	Learn Programming With Java	7th October 2025	Infosys spring board
37	23R11A04J8	Sree Charan	Learn Programming with Java - An Interactive Way	9th November 2025	Infosys spring board
38	23R11A04J9	V.Navaneetha	Learn Programming With Java	13th October 2025	Infosys spring board
39	23R11A04K0	Y.S Tarun Tej	Learn Programming with Java - An Interactive Way	9th November 2025	Infosys spring board
40	24R15A0418	P.Vaishnavi	Learn Programming With Java-An Interactive Way	15th October 2025	Infosys spring board
41	24R15A0419	S.Soumya	Learn Programming With Java-An Interactive Way	15th October 2025	Infosys spring board
42	24R15A0422	V.Jyoshna	Learn Programming with Java - An Interactive Way	13th October 2025	Infosys spring board
43	23R11A04E4	A.Varalakshmi	Java for Beginners	7th October , 2025	Infosys Spring board
44	23R11A04E6	B.Reema	Java for Beginners	7th October , 2025	Infosys Spring board
45	23R11A04H6	P.Saranya	Basics of Python	14th October 2025	Infosys spring board
46	23R11A04J1	S.Ishita	Basics of Python	9th October 2025	Infosys spring board
47	23R11A04J5	V.Manaswini	Basics of Python	11th October 2025	Infosys spring board
48	23R11A04F6	C.Gnana Sree	Introduction to Python	30th September 2025	Infosys Spring board
49	23R11A04J4	T.Hasmitha	Introduction to Python	6th October 2025	Infosys Spring board
50	23R11A04J4	T.Hasmitha	Python for data science	8th October 2025	Infosys Spring board
51	23R11A04J7	V.Akshay	Learn Programming with Java - An Interactive Way	25th September 2025	Infosys Spring board
52	23R11A04J7	V.Akshay	Basics of Python	6th October 2025	Infosys Spring board
53	23R11A04J6	V. Karunya Ganesh	Java in Depth	25th September 2025	Udemy
54	23R11A04F4	Burri.Ravi	Generative AI for All	9th October , 2025	Infosys Spring Board
55	23R11A04G8	L.Vamshi varma	Learn Programming with Java - An Interactive Way	24th August 2025	Infosys spring board
56	23R11A04H7	R Kiran Kumar	Basics of Python	26th October , 2025	Infosys spring board
57	23R11A04H2	N sathwik	Basics of Python	24th October 2025	Infosys spring board

58	23R11A04H3	P.Koushik raj	python for beginners :Data Structures	12th october 2025	Infosys spring board
59	23R11A04F3	B.krupasagar	Basics of python	22nd october 2025	Infosys spring board
60	23R11A04H5	P.Mani deepak	Basics of python	12th october 2025	Infosys spring board
61	23R11AO4G9	M.Adithya	python for beginners :Data Structures	24th October 2025	Coursera
62	23R11A04G1	J.Krishna Tej	Java fundamentals	3rd Oct 2025	Oracle academy
63	23R11A04J0	S.Chetan Sharma	Java 11 Essentials	28th September 2025	Infosys Spring Board
64	23R11A04F7	D.Teja	Introduction to python	18th October 2025	Infosys spring board
65	23R11A04F0	B.Charanya	Introduction to python	18th October 2025	Infosys spring board
66	23R11A04F9	G.Mohan	Python for beginners :Data Structures	12th October 2025	Coursera
67	23R11A04E9	B.Pranay	Python for beginners :Data Structures	12th October 2025	Coursera
68	23R11A04J9	V.Navaneetha	Programming Fundamentals using Python	8th October 2025	Infosys spring board
69	23R11A04G6	K Varun	IoT & Electronics	26th October 2025	Infosys Spring board
70	23R11A04J2	T.Pranay Kumar	Basics of Python	9th November 2025	Infosys spring board
71	23R11A04K0	Y.S Tarun Tej	Basics of Python	9th November 2025	Infosys spring board
72	23R11A04J8	Sree Charan	Basics of Python	9th November 2025	Infosys spring board

7. Details of MoUs made during the period

S No	Dept	Associated Industry, Address	Nature of the MoU	Activities conducted under MoU	Impact	Remarks
1	ECE	Pi Square Technologies India Pvt. Ltd	QNX software development	-	-	

8. Any other relevant/significant information:

Faculty Achievements:

1. Mrs.M.Laxmi,Dr.M.Anand,Mrs.S.Jyothirmayee and Mr B .Venkateshwarlu have successfully completed QNX Software Training Program at Pi Square Technologies India Pvt. Ltd from 24-11-25 to 29-11-25.

Faculty member in-charge	Overall Coordinator	Head of the Department
Mr.A.Shankar	Dr. Appala Raju Uppala	Dr.G.Sreelakshmi

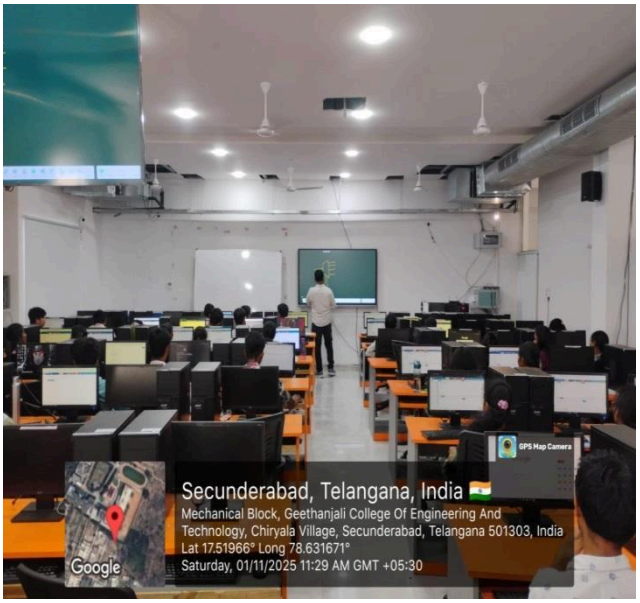


AWP Peer learning session for III ECE students addressing third year



Mr. Madhu Sai, Manager, QUEST Global,

DDVH students. Career Guidance.



Partial course delivery on Digital design by industry expert



AWP PBL done by III ECE students





Presentation by Mr.G.Rama chandra kumar and Mr.A .Shanker





PAC meeting on 17/11/2025



Talk on quantum computing by B.N patnaik, NIT Raipur on 24/11/2025





QNX training for faculty on 27/11/2025