

Department's Monthly Report

January-2024

1. Guest Lectures / Workshops: Furnish the list of guest lecturers/workshops 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. G Sree Lakshmi Prof O.V.P.R Siva kumar, Mr. M Krishna, K Shiva Prasad, Mr.G RamChandra Kumar, Mr.M. Chathar sing,	HoD-ECE Faculty Advisor IEEE NTC Assistant Professor, ECE Chief executive, Entuple Technologies Assistant Professor, ECE Assistant Professor, ECE	Short Term Skill Development Program on Analog Circuit Design & Layout Using Cadence EDA Software	Students of the polytechnic colleges across Telangana.	Faculty Coordinators: Mrs. L Uma Maheshwari, Mr. G RamChandra Kumar.	Organised by CoE in VLSI Design In association with IEEE Nano Technology Council Student Branch Chapter & Entuple Technologies Pvt Ltd. from 28 th December 2023 to 3 rd January 2024
2	--	--	workshop on “Transferring of Knowledge Through Peer Learning”	To make Third Year students aware of technologies used in building a project	Faculty Coordinators: Dr.G.Vallathan, Associate Professor Ms. L Uma Maheshwari, Assistant Professor,	Organised by Department of ECE January 2, 2024
3	Mr. Y Srivastva	Junior Software developer from XEINIE SOFT and	How to improve the Technical skills to crack the interviews”	III- ECE students	Coordinators: Ms M.UmaRani, Mr P. Chandra Prakash reddy	Organised by Department of ECE on 6 th January-2024

		Alumni of GCET-ECE				
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2. Measures taken to improve the quality of weak students in all the years.

S. No	Year	No of weak students identified	Courses identified	Measures taken or implemented	Remarks
1	II	II-ECE-A: 22 II-ECE-B: 26 II-ECE-C: 27 II-ECE-D: 28	DIGITAL DESIGN (DD) Resource Persons: 1. Mrs. B Sreelatha, Associate Professor, ECE Department, GCET. 2. Mrs. M.Uma Rani, Assistant Professor, ECE Department, GCET. 3. Mrs. Y. Nagalakshmi, Assistant Professor, ECE Department, GCET.	Mid-2 marks improved	--

3.Details of the Seminars/ Workshops /Refresher Courses / Orientation Courses/ FDPs/Conference 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	Remarks
1	G. Rama Chandra Kumar	Conference	VLSI meets AI & Quantum for Cyber-Physical Systems	6-10, January 2024.	GCET	--

4. 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
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1	Motkuri Krishna	DTMOS based four-quadrant multiplier/divider with voltage difference transconductance amplifier	Journal of Analog Integrated Circuits and Signal Processing	17 TH January 2024	https://doi.org/10.1007/s10470-023-02235-y	SCI
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Conference Papers:

S. No	List of Authors	Title of the Paper	Conference Name	Year of Publication	ISBN/ ISSN/	Indexing
1	B.Sumithra and Dr. G.Vallathan	Deep Learning for Accurate Chest Disease Classification: A CNN-Based Approach for Lung Cancer Sub types and Normal Cells	IEEE International Conference on Systems, Computation, Automation and Networking (ICSCAN 2023)	2023	ISBN 979-8-3503-1512-7	Scopus
2	Dr. G.Vallathan, M.Sowjanya, M.Laxmi and B.Sreelatha	Automatic Detection of Irregular Contraction and Relaxation of Cardiac Muscle using Alexnet	IEEE International Conference on Systems, Computation, Automation and Networking (ICSCAN 2023)	2023	ISBN 979-8-3503-1512-7	Scopus
3	G. Rama Chandra Kumar D Ramya	A Compact Monopole Antenna With Ring Slot for UWB Applications	14 th International Conference on Computer Communication and Informatics (ICCCI)	2024	Presented paper on 29 th January 2024.	Scopus

5. 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.	19R11A04F1	Chenna Surya Vamshi	MS in US	IELTS Score : 7.5
2.	18R11A04C8	R.Harshith Reddy	MS in US	IELTS Score : 6.5
3.	19R11A0428	M.Varun Kumar	MS in US	Duolingo Score : 160
4.	16R11A04H0	Nanduri Sai Swetha	MS in US	GRE Score 325/346

5.	19R11A04K0	Vadloju Naman	MS in US	GRE Score 309/346
6.	14R11A0417	G.Venkatesh Yadav	MS in UK	Not requerd

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

i) Co-Curricular activities

S	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	21R11A04K6	PVRaviKalyan	MEMS-CMOS INTEGRATION	VASAVI COLLEGE OF ENGINEERING	14th–20th DECEMBER,2023	Attended
2	22R15A0422	T. Arun Kumar	TRAINING PROGRAM — A			
3	21R11A04K7	TejaswiRavipati	blended Training Programme endorsed by ISSS using Intellisuite and Cadence Design Flow			

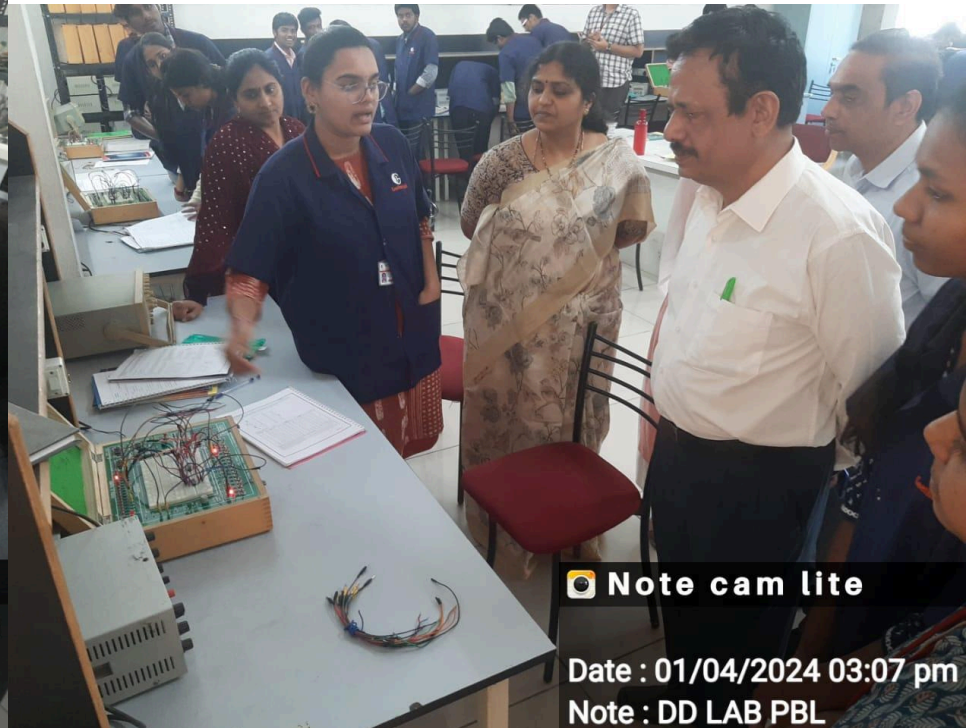
ii) Details of NSS activities taken place (Overall Coordinator : Mr.R.Odaiah)

S. No.	Activity details	Date(s)	Organized by College/University
1	Amrit kaal Vimarsh Vikasit Bharath@2047 (150 students and 6 faculty participated)	09/01/2024	NSS UNIT, GCET

7.Any other relevant/significant information:

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

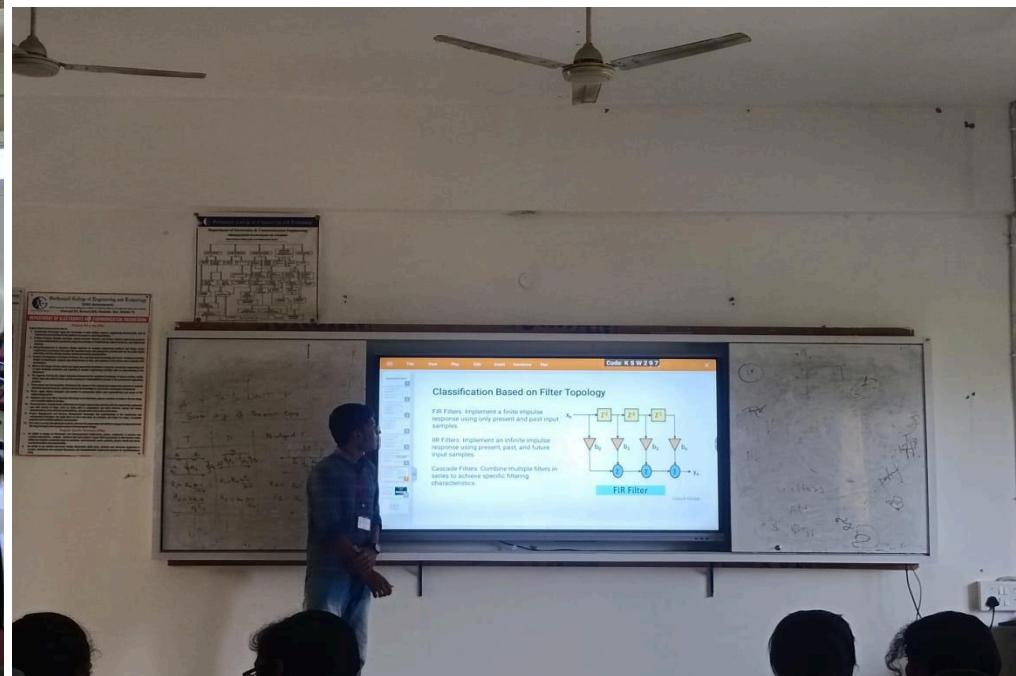
Signature of Head of the Department
Dr.G.Sreelakshmi



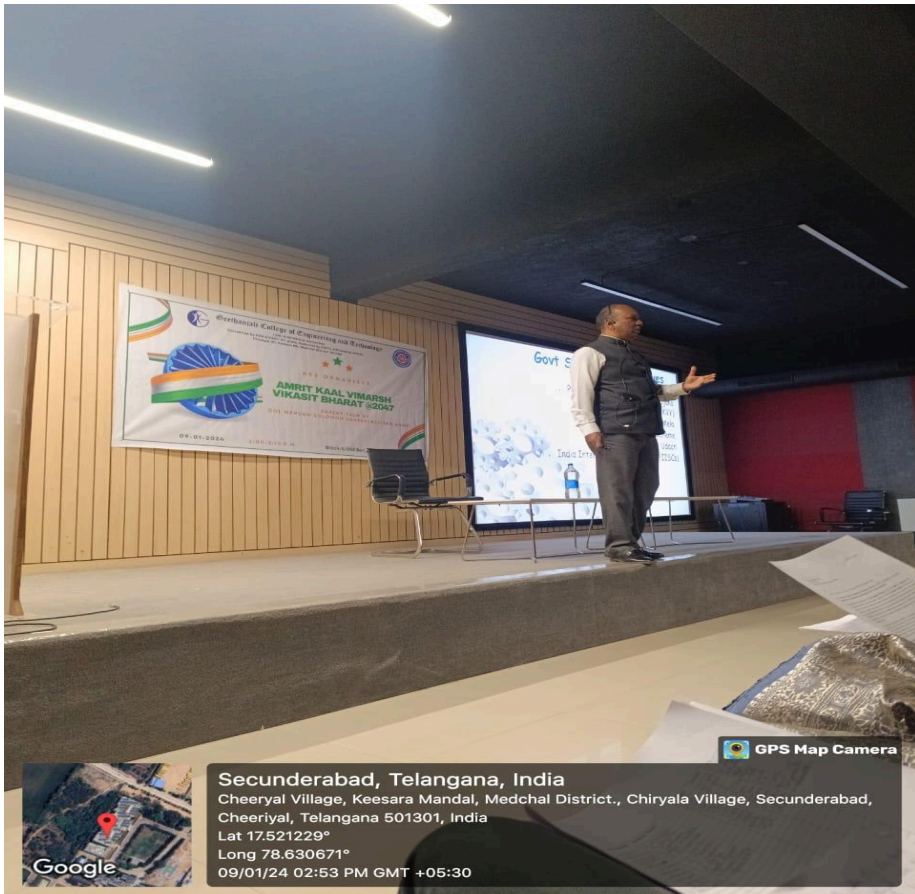




VAC exam conducted in SS Lab / ES IoT lab



Circuit Theory Presentations





Mr.Soloman Saneev (retired Army) on Amrith Vikas Bharath Program

Internal Audit on 20-01-2024



ప్రదర్శనను ఆసక్తిగా తిలకిస్తున్న విద్యార్థినులు

ఆకట్టుకున్న సాంకేతిక ప్రదర్శన

కీసర, న్యూస్ టుడే: చీర్యాలలోని గీతాంజలి ఇంజనీరింగ్ కళాశాలలో శని వారం ఎలక్ట్రానిక్స్ అండ్ కమ్యూనికేషన్ ఇంజనీరింగ్ డిపార్ట్మెంట్ ఆధ్వర్యంలో 'సవరిత్ ప్రాజెక్ట్ ప్రదర్శన-2024' నిర్వహించారు. మాతృశ్రీ, ఇఎల్ స్కూల్, ఎస్ ఆర్ జూనియర్ కళాశాల, చీర్యాలలోని ప్రభుత్వ పాఠశాల నుంచి వెళ్లిన విద్యార్థులు ప్రదర్శనను ఆసక్తిగా తిలకించారు. ప్రాజెక్టుల పనితీరును ఇంజనీరింగ్ విద్యార్థులు వివరించారు. ఇందులో కళాశాల ఫైర్మన్ రవీందర్ రెడ్డి, ప్రిన్సిపల్ ఉదయ్ కుమార్, డీన్ హరిప్రసాద్, హెచ్ ఓడి శ్రీలక్ష్మి పాల్గొన్నారు.

