GEETHANJALI COLLGE OF ENGNEERING & TECHNOLOGY

Department's Monthly Report: February-2023

1. Guest Lectures. Furnish the list of guest lecturers arranged.

S. No	Name of the Resource person	Designation and Organization	Topic covered	Target Attendance	Date of the event	Proposed by (Name of the faculty)	Course Outcomes attained
1	Mrs.S.Jyothirnaye, Associate professor, Mr.M.Anand, Assistant professor Mr.P.Chandra Prakash Reddy, Asst.professor, Mrs.P.N.Swetha, Assistant professor	GCET	In-House Professional Development Program on "**NODE MCU for IoT Applications**"	Faculty	23rd - 28th February 2023	Mr.P.Chandra Prakash Reddy Assistant. Professor	To improve instructional effectiveness of the faculty in the concepts related to NODE MCU for IoT Applications.
2	Prof.O.V.P.R.Siva Kumar Mrs.B.Sreelatha **Associate professor** and Mr.K.Satish Babu **Associate professor**	GCET	In House FDP on Linear Integrated Circuits	Faculty	28-02-2023 to 04-03-2023	Mrs.B.Sreelatha	To improve the faculty in the concepts related to LIC Lab and its Applications.
3	Mrs. B Sreelatha, Associate Professor Mrs. M.Uma Rani, Assistant Professor Mrs. Y. Nagalakshmi, Assistant Professor Mrs. B Sumithra, Assistant Professor	GCET	Digital Design Remedial Classes	Second Year ECE Students of 2021 Batch	9th 17th 18th 19th ,20th 23rd, 24th 25th and 30th JAN 2023	Mrs.B.Sreelatha	Course outcomes of Digital design course

4	Bernard	CANAM consultancy	Studies in Abroad and future Job opportunities	Third Year ECE Students	05-01-2023	Md.Furkanuddin and G.Venkateswarulu	The students were provided information regarding studies in abroad and how to get scholarship for studying in abroad

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	Remarks
1	Final exam conducted for "Advanced Data structures"	2nd Year students	04-02-2023	116	----	Department of ECE
2	Front End VLSI Design for Digital Circuits	3rd Year students	(Five Week Course) 28-02-2023 to 07-04-2023	31	----	Under Center of Excellence in VLSI Design, Department of ECE

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 etc..	Title of the Program	Date(s) attended	Sponsored body/institute	Remarks
1	B.Ramu	One Week Faculty Development Program	Applications of Computer Vision using Deep Learning	20-25 February 2023	Seshadri Rao Gudlavalleru Engineering College	
2	B.Ramu	One Week Workshop	Industrial Approach to Internet of Things and Its Research Challenges	8th February 2023 to 14th February 2023	VIT-AP University	
3	M.Anand	One Week Workshop	Industrial Approach to Internet of Things and Its Research Challenges	8th February 2023 to 14th February 2023	VIT-AP University	
4	N.Anjaneyulu	In-House FDP	LIC Lab	28-02-2023 to 04-03-2023	GCET	
5	V.S.Padma Priya					
6	Dr.G.Vallathan					
7	M.Umarani					

4. **Interaction With outside world:**

S.No.	Name of the faculty	Designation	Date	Role	Topic	Name of the hosting organization
1	Dr.B.L.Prakash	Professor	20^{th} – 25^{th} February 2023	Resource Person	One week national faculty Development Programme on EMTL	MVSR Engineering College Hyderabad.

5.Faculty Achievements:

Dr. P.Srihari has successfully completed all the tasks and projects assigned in the course duration Exploratory Data Analysis using Python Libraries. He has completed on 27-01-2023 at Innomatics Reseach Labs, Kukatpally, Hyderabad.

6. Students Higher Education Data.

S. No	Roll No.	Name of the student	Name of the program and University /Country	TOEFL/ GRE/ GMAT/ IELTES Score, if any
1	18R11A0414	G.Charith	MS in USA	IELTS Score : 7.0 GRE Score : 315/346
2	18R15A0417	Ch. Pavan Kumar	MS in USA	Duolingo Score : 110
3	19R11A04E1	T. Sahaja	MS in USA	Duolingo Score : 120
4	15R11A0450	Sai Vyshnavi Kona	MS in USA	GRE Score : 321/346
5	15R11A0418	K. Divya Bhanu	MS in USA	GRE Score : 318.5/346
6	19R11A04M8	K.Anil Kumar	MS in USA	IELTS Score: 5.5
7	18R11A04D2	M.Sai Bhaskar Nikhil Chakravarthy	MS in USA	IELTS Score: 6.5
8	15R11A0483	K.S Veerendernath	MS in USA	IELTS Score: 7.0

9	19R11A04M4	K. Anju	MS in USA	GRE Score : 326/346
10	19R11A04P5	S. Ranjith	MS in USA	Duolingo Score:110
11	17R11A0436	N.Swetha	MS in USA	Duolingo Score:110
12	15R11A04H4	V. Prasanna Tarun Teja	MS in USA	IELTS Score: 7.0
13	19R11A0430	Nimmaluri Vasreya	MS in USA	IELTS Score : 6.0

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

i) Co-Curricular activities

S. No	Roll No. of the student	Name of the Student	Title of the project	Organized by, specify College/University	Date(s) of Participation	Specify Prize(s) won, if any
Name of the Event : Two-week Student Development Program on "VLSI Design Flow using Cadence Tools under CENTER OF EXCELLENCE IN VLSI DESIGN projects were exhibited and presented in "PBL-EXPO" which was conducted on February 16, 2023						
	Analog Domain:					
1	21R15A0402	Mr. NALLA KISHORE	Design and Implementation of Differentiator using VDTA	GCET	16-02-2023	First Prize
2	21R15A0412	Mr. THOTA HRUTHWIK				

3	20R11A0490	KOTIYA CHETNA GOUD	Design and Implementation of Operation Transconductance Amplifier(OTA) Design and Implementation of Triangular Wave Generator using OP-AMP			Second Prize
4	21R15A0406	Mr. BUGGA BALAMALLESH				
5	20R11A0487	KASIBHOTLA SAI PRANEETH				Third Prize
6	20R11A0494	MAGANTI SHANMUKHA SRI DATTA				
	Digital Domain:					
7	21R15A0421	Mr. BALABOINA PRASHANTH	Design and Implementation of Traffic Light Controller	GCET	16-02-2023	First Prize
8	20R11A04E6	KOTA LAXMIKANTH				
9	20R11A0405	ASIFA ANJUM SHAIK	Design and Implementation of16-bit RISC Processor			Second Prize
10	20R11A0403	ARCHAKAM VENU GOPAL				
11	20R11A0402	ALLI RAMYA	Design and Implementation of FIFO **mindzone-3.2 quiz** (89 students participated)	conducted by Srujanastra Club in association with ISTE, GCET	18-02-2023 and 19-02-2023	Third Prize
12	20R11A0407	BOMMIDI CHAKRIKA				
13	21R11A04B7	G.Sai Srikar(ECE-2C)				First Prize
14	21R11A04Q9	Manju Sri Pulabala (ECE-2E)				Second Prize
15	21R11A04K8	R.Krishna Veni (ECE-2D)				Third Prize

ii. Details of NSS activities taken place

S. No.	Activity details	Date(s)	Organized by College/University
1	NSS unit of the Institution has applied for National Institutional Sustainability Rankings 2022-23	23-02-2023	Geethanjali College of Engineering and Technology In collaboration with Mahatma Gandhi National Council of Rural Education.

8.Details of Peer Learning:

S No	Roll No. of student	Year and Section	Student Name (Talk By)	Topic	Course	Date	Duration
1	21R11A04E2	II-ECE-C	Ponaganti Sekhar Pooja Sree	Verification of Switching Function is Symmetric or not. If Symmetric determination of the "a" numbers and variables of symmetry.	Digital Design	9th Feb, 2023	
2	22R15A0413	II-ECE-C	MADARAPU DEEKSHITHA	Verification of Switching Function is Symmetric or not using Shannon Expansion Theorem. If Symmetric determination of the "a" numbers and variables of symmetry.	Digital Design	9th Feb, 2023	

3	21R11A04C9	II-ECE-C	KOMURAVELLY ASHISH	Synthesis of Single Level Threshold Logic	Digital Design	9th Feb, 2023	

9.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	Remarks
1	ECE	The India Meteorological Department (IMD)	B.Tech 4th Year students	15-02-2023	Coordinator: Ms. B. Suneetha Professor In charge: Prof. OVPR Siva Kumar	Students-45 and faculty-2	---

10.Any other relevant/significant information:

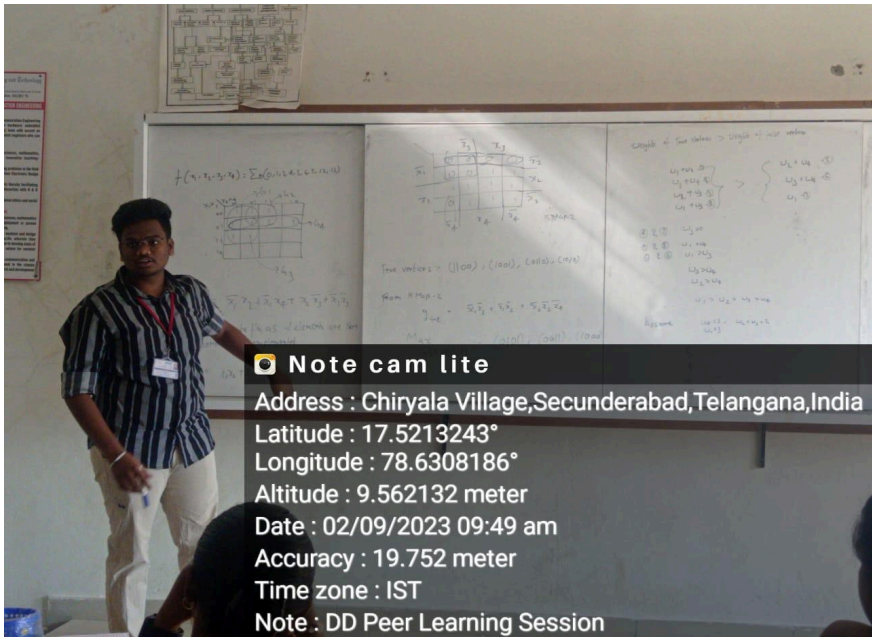
- Ms.G.Sreelakshmi awarded Doctor of Philosophy in the field of VLSI Design, Department of ECE from JNTU, Hyderabad.

Dr.Appala Raju Uppala
Faculty member in-charge

Dr.M.A.Khadar Baba
Head of the Department


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Date : 02/07/2023 10:10 am
Note : ECE Department meeting


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Note : ECE Department meeting


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Note : DD Peer Learning Session


Identification of Symmetric Function
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Note : DD Peer Learning Session

Geethanjali College of Engineering and Technology

Department of ECE

Center of Excellence in VLSI Design

INVITATION

You are Cordially invited to visit "PBL-EXPO"

on 16th February, 2023

1:00 PM to 3:30 PM

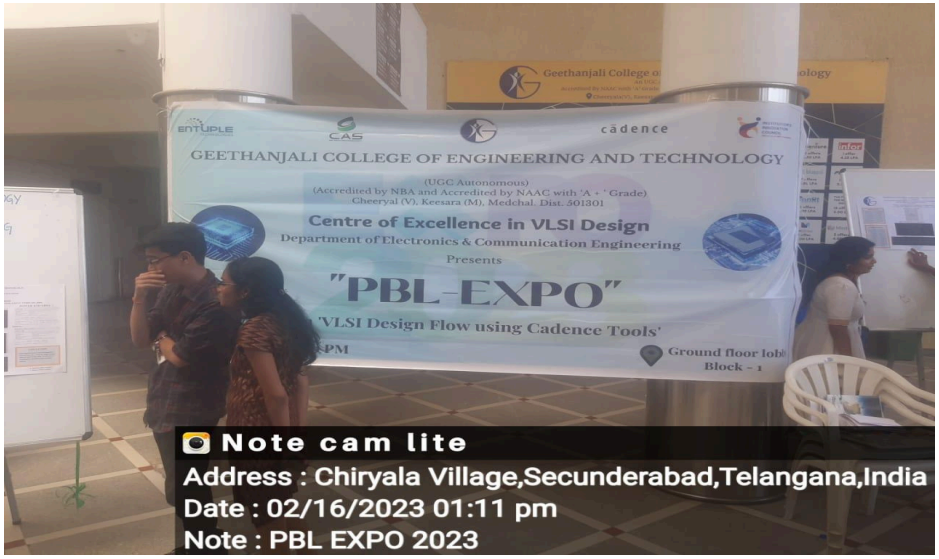
Venue: Block I, Ground Floor(Lobby)

Organizers: G.Sreelakshmi, Coordinator,CoE

Prof.O.V.P.R.Siva Kumar, Faculty Advisor, CoE

Dr.M.A.Khadar Baba, HOD, ECE

Prof.-B.Hari Kumar, Professor, Dean SE &CE







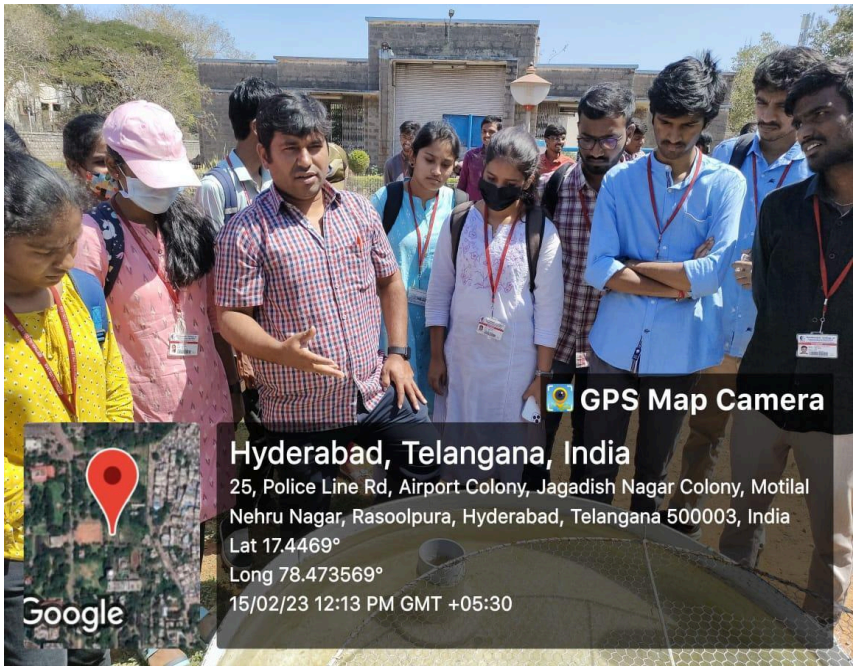

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BUSINESS
NATION WIDE


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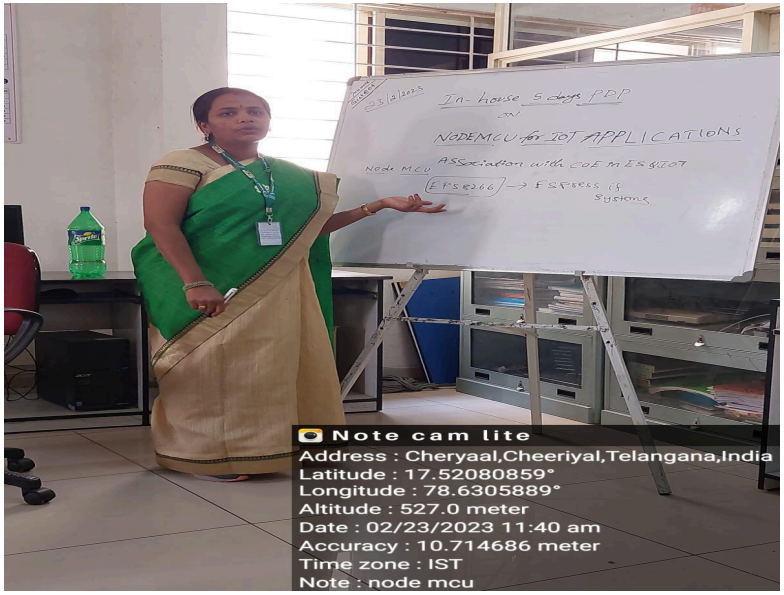

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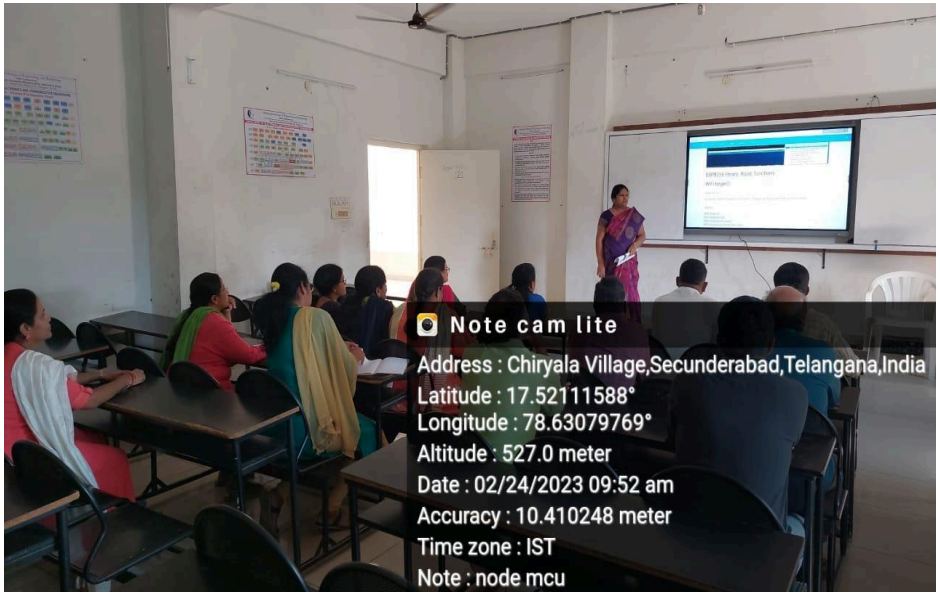

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Note : CANAM consultancy Interac
ion with 3rdECE Student

IMD-Industrial visit




GPS Map Camera
Hyderabad, Telangana, India
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Lat 17.4469°
Long 78.473569°
15/02/23 12:11 PM GMT +05:30
Google


In-house 5 days FDP
on
NODEMCU for IOT APPLICATIONS
Association with COE MES&IOT
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Note : node mcu


GPS Map Camera
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Cheeryal Village, Keesara Mandal, Medchal District.,
Chiryala Village, Secunderabad, Telangana 501301, India
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Long 78.630792°
28/02/23 11:23 AM GMT +05:30
Google


GPS Map Camera
Secunderabad, Telangana, India
Cheeryal Village, Keesara Mandal, Medchal District.,
Chiryala Village, Secunderabad, Telangana 501301, India
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Long 78.630792°
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Google


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