

GEETHANJALI COLLEGE OF ENGINEERING & TECHNOLOGY

Department's Monthly Report: August-2023

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

S. No	Name of the Resource person	Designation and Organization	Topic covered	Target Attendance	Proposed by (Name of the faculty)
1	G.Praveen Kumar-CSE	Department of CSE, GCET	Workshop on "3D Printing"	3 rd Year B.Tech (CSE and ECE)	G.Praveen Kumar-CSE (Overall Co-ordinator) M.Anand (Co-ordinator)
2	M.Anand	Department of ECE, GCET	Workshop on "Business Start-up"	3 rd Year B.Tech (ECE)	M.Anand (Co-ordinator)

2.Details of the Seminars/ Workshops /Refresher Courses / Orientation Courses/ FDPs/ Webinar 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.Appala Raju. U	Workshop	VLSI to System Design: Silicon to End Application Approach	31-07-2023 to 4-08-2023	AICTE, Arm Education and STMicroelectronics
2	Dr.Appala Raju. U	National level FDP	Cloud Infrastructure (AWS)	21-08-2023 to 25-08-2023	Brain o vision solutions India Pvt Ltd and AICTE.
3	Dr.G.Sreelakshmi	Internship	Xilinx SoC Design Flow	17-07-2023 to 17-08-2023	Sandeepani School of Embedded System Design, Bangalore

4	Dr.G.Sreelakshmi	Webinar	Designing with Versal Adaptive SoC: Architecture and Methodology	21-08-2023	in association with CoreEL Technologies and AMD-Xilinx
5	Dr.G.Sreelakshmi	Workshop	VLSI to System Design: Silicon to End Application Approach	31-07-2023 to 4-08-2023	AICTE, Arm Education and STMicronics
6	Mrs.M.Laxmi	Webinar	Designing Course Outcomes and Outcomes-focused questions	04-08-2023	Inpods Ed-tech.
7	Mrs. D.Madhavi Latha	Workshop	VLSI to System Design: Silicon to End Application Approach	31-07-2023 to 4-08-2023	AICTE, Arm Education and STMicronics
8	Mrs.V S Padma Priya	FDP	Green Communications in 5G Use cases	21-08-2023 to 25-08-2023	CVR College of Engineering, Hyderabad
9	Mr.G. Rama Chandra Kumar	Workshop	VLSI to System Design: Silicon to End Application Approach	31-07-2023 to 4-08-2023	AICTE, Arm Education and STMicronics
10	Prof. O.V.P.R.Siva Kumar	Workshop	VLSI to System Design: Silicon to End Application Approach	31-07-2023 to 4-08-2023	AICTE, Arm Education and STMicronics
11	Mrs. Y.Nagalakshmi	National level FDP	Cloud Infrastructure (AWS)	21-08-2023 to 25-08-2023	Brain o vision solutions India Pvt Ltd and AICTE.
12	Mrs.S.Jyothirmayee	FDP	Recent Trends in the Industrial Internet of Things (IIOT) in a 5G Environment	21-08-2023 to 25-08-2023	SERB- DST At Gurunanak Institutions Technical Campus, Hyderabad,

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	Mrs.A. R L Padmaja	IOT BASED AUTOMATIC MANHOLE COVER CONTROLLING MECHANISM FOR SMART CITIES	Industrial Engineering Journal	Volume : 52, Issue 8, August : 2023	ISSN: 0970-2555	UGC Care

Conference Papers:

S. No	List of Authors	Title of the Paper	Conference Name	Year of Publication	ISBN/ ISSN/	Indexing
1	Dr.G.Vallathan	An Analysis and study of Brain Cancer with RNN algorithm based AI Techniques	2 nd IEEE International conference on Augmented Intelligence and Sustainable Systems (ICAISS-2023)	Presented paper (23-25, August, 2023)	-----	Scopus
2	Mr.K.Rama Rao	Time Series Crypto currency Forecasting using Ensemble Deep Learning	International Conference on Circuit Power and Computing Technologies (ICCPCT-2023)	Presented paper (10-11, August, 2023)	-----	Scopus
3	Mrs.Y.Nagalakshmi	On the Potential of AlGa _N /Ga _N HFET for Extreme Environment Electronics	<i>AIP Conf. Proc.</i> 2800, 020100 (2023)	Research Article September 08 2023	https://doi.org/10.1063/5.0163508	----

4.Faculty Interaction with Outside world:

S. No	Name of the faculty	Designation	Date	Role	Topic	Name of the hosting organization
1	Dr. G.Sreelakshmi	Associate Professor	01-08-2023 to 31-08-2023	Resource Person	Online Workshop conducted in Association with RBG's Buds Engineering Academy on AI ML for Internet of Things	IETE, Pune Center
2	Dr. G.Sreelakshmi	Associate Professor	18-09-2023	Reviewer	Archives of Current Research International-2023	
3	Dr. G.Sreelakshmi	Associate Professor	21-09-2023	Member	Indian Society For VLSI Education, Ranchi	Organized by ISVE at Advanced Regional Telecom Training Centre, BSNL, Ranchi.

Certifications:

S. No	Name of the faculty	Designation	Date	Organized by	Name of the Course	Remarks
1	Mrs. D.Madhavi Latha	Assistant Professor	11-09-2023	MSME-TDC , EFC-New Delhi	VLSI Design [From 24.07.2023 to 24.08.2023 (96 hrs.)]	Completed

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.	19R11A04N0	L. Lokesh Goud	Ms in USA	Duolingo Score : 130
2.	19R11A0454	B. Ramu	Ms in USA	GRE Score :321.5/346 TOEFL IBT Sore :91/120
3.	19R11A04P2	V.Samhitha	Ms in USA	IELTS Score :7.5
4.	15R11A0469	Ch. Neeraj Paul	Ms in Canada	Duolingo Score : 130 GRE Score : 297.5/346
5.	19R11A04B6	K. Lahari	Ms in USA	IELTS Score : 8.0 GRE Score : 319/346
6.	19R11A04H9	P. Sruthi	Ms in USA	IELTS Score : 6.0
7.	19R11A04F0	Ch. Akshitha	Ms in USA	IELTS Score : 6.0
8.	19R11A0404	B. Kalyan Varma	Ms in USA	GRE Score : 322/346

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

S. No.	Activity details	Date(s)	Organized by College/University
1	Haritha Haram Program	01-08-2023	GCET

7. Any other relevant/significant information:

The following faculty members of ECE visited CVEST (Center of Excellence in VLSI and Embedded System Technology) in IIIT Hyderabad on 24th August, 2023. They met Dr.Zia Abbas, Assistant Professor at IIIT Hyderabad, and discussed the ongoing research project and kits like Zynq Ultrascale Boards.

Prof. O.V.P.R.Sivakumar, Dr.G.Vallathan, Dr.G.Sreelakshmi, Mr.Anand and Mr.Ramachandrakumar

The Following projects are Short listed for ARM Inventors Challenge 2023

S.No.	Idea of the Project	Name of the Faculty Mentor
1	Smart Traffic Pollution Control System	Mrs.M.Laxmi
2.	Smart Bogie Waste Management System and Platform Extension System	Dr.G.Sreelakshmi and mr. G.Rama Chandra Kumar

- Prof. B.Hari Kumar, Dean School of Electrical and Communication Engineering address the First year students along with In- charges of professional bodies and department professors on 1st August, 2023.

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

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



INSTITUTION'S INNOVATION COUNCIL
 (Ministry of Education, Government of India)

Geethanjali College of Engineering and Technology
 (UGC Autonomous Institution Accredited by NBA & NAAC,
 Permanently Affiliated to JNTUH, ISO 9001:2015 certified)
 Cheeriyal (V), Keesara (M), Medchal, Dist. 501301

Venue:
 Robotics Club,
 Block 5
 3rd Aug 2023

**Robotics Club in association with
 Institutions' Innovation Council of GCET
 a Workshop on Prototyping with 3D printing**

Mr. Vinay Kumar Samudrala
 3D Print Engineer, Niltech R&D Pvt Ltd

Faculty Coordinators:
 Mr. Praveen Kumar
 IIC Member - GCET,
 Asst. Prof - CSE Dept.
 Mr. Anand
 IIC Member - GCET,
 Asst. Prof - ECE Dept.

Student Coordinators:
 K. Koushik - CSE
 Ph: 8008608060
 P. Sahithi Chandra - CSE-43
 Ph: 8247350941
 B. Reethika - CSE- AIML
 Ph: 6302080359
 L. Praneeth Reddy - CSE
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 K. Ashish - ECE
 Ph: 8121072701

Patron:
 Prof. Dr. Uday Kumar Susarla, Principal

Chief Patron:
 Mr. G.R. Ravinder Reddy, Chairman





