

**GEETHANJALI COLLEGE OF ENGINEERING & TECHNOLOGY**

## Department's Monthly Report: January-2023

1. Guest Lectures / FDP/ SDP: Furnish the list of guest lecturers / FDPs/ SDP arranged (Organized).

| 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     | Dr.N.Balaji                                 | IQAC, Director and HoD-ECE                                                 | DSP-Processor Architecture and Applications                                                                                                               | 3 <sup>rd</sup> B.Tech Students             | 29-01-2023               | Dr.Appala Raju. Uppala and M.Jagan Mohan Rao   | Outcomes of DSP Subject                                                                                                                                                                                            |
| 2     | Dr.A.G.Krishnakanth and Mr.Syed Akbar Pasha | Vice Chair, IEE, CAS Chapter, Hyderabad and Senior Account Manager Cadence | Two week Student Development Programme on VLSI Design Flow using Cadence tools and Promotion of Innovation and Entrepreneurship in Semiconductor Industry | 3 <sup>rd</sup> B.Tech Students             | 23-01-2023 to 04-02-2023 | Prof. O.V.P.R.Siva Kumar and Dr.G.Sreelakshmi  | Outcomes of VLSI Subject                                                                                                                                                                                           |
| 3     | Mr.Raman Teja Venigalla                     | Managing Director, Physitech Consultancy services Pvt Ltd, Secunderabad    | National Level FDP on Emerging Trends in IOT and Their Applications                                                                                       | 32 faculty members from ECE were registered | 20-01-2023 to 24-01-2023 | Dr.G.Vallathan                                 | <b><i>Develop ability to</i></b><br>Understand the basics of Python<br><br>Design implementation of Advanced IoT System with python<br><br>Understand the IoT architecture<br>Develop smart city Applications<br>- |
| 4     | Mr. P.Ramesh                                | Faculty, ACE Engineering Academy, Hyderabad                                | Career opportunities after Engineering                                                                                                                    | 3 <sup>rd</sup> B.Tech Students             | 18-01-2023               | M.UmaRani                                      | The importance of career building for higher education and placements of engineering students with specific examples                                                                                               |
| 5     | Mr.Mallesha Annamaina                       | Psychologist and motivational speaker, Director of AIM, Hyderabad          | National Youth Day on Felicitation of student Entrepreneurs of A.Y. 2021-2022                                                                             | ALL Engineering Students                    | 11-01-2023               | Dr.Anil Kumar Puppala and prof.OVPR Siva Kumar | --                                                                                                                                                                                                                 |
| 6     | Ch. Revanth Reddy (2013 Batch student)      | Cognizant Pvt. Limited -Associate Engineering                              | Motivation Talk on core carrier opportunities                                                                                                             | All 2 <sup>nd</sup> year students           | 20-01-2023               | Dr.G.Sreelakshmi                               | ---                                                                                                                                                                                                                |

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     | Advanced Data Structures | 2 <sup>nd</sup> Year Students | 07-01-2023 and 21-01-2023. | 153                      | 3 Assignments were given to students and evaluation is in progress | -       |

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     | Prof. OVPR Siva kumar | International Conference                              | VLSI Design ( VLSID2023 )                                   | 08-01-2023                | GCET                                      | Management encouraged by sponsoring 50% of registration fee |
| 2     | Dr.G.Sreelakshmi      | International Conference                              | VLSI Design ( VLSID2023 )                                   | 08-01-2023                | GCET                                      |                                                             |
| 3     | Ms.J.Mrudula          | International Conference                              | VLSI Design ( VLSID2023 )                                   | 08-01-2023                | GCET                                      |                                                             |
| 4     | Prof. OVPR Siva kumar | Two Day International Workshop                        | Recent Trends in Energy Harvesting and Storage Technologies | 19-01-2023 and 20-01-2023 | KLU                                       |                                                             |
| 5     | Prof. OVPR Siva kumar | Online Workshop                                       | Nanofabrication Technologies                                | 23-01-2023 to 25-01-2023  | IIT Bombay                                |                                                             |
| 6     | Dr.G.Sreelakshmi      | One Week FDP                                          | Silicon Photonics for High Speed Communication              | 23-01-2023 to 28-01-2023  | Annant Gyan Knowledge and Skills Pvt.Ltd. |                                                             |
| 7     | Ms.J.Mrudula          | One Week FDP                                          | Silicon Photonics for High Speed Communication              | 23-01-2023 to 28-01-2023  | Annant Gyan Knowledge and Skills Pvt.Ltd  |                                                             |

Faculty Interaction with outside world:

| S.No. | Name of the faculty | Designation         | Date       | Role                        | Topic                      | Name of the hosting organization |
|-------|---------------------|---------------------|------------|-----------------------------|----------------------------|----------------------------------|
| 1     | Dr.V.Satya Srinivas | Associate Professor | 31-01-2023 | JUDGE in paper Presentation | Technical fest SUDHEE-2023 | CBIT, Hyderabad                  |
|       |                     |                     |            |                             |                            |                                  |

4.Students Higher Education Data.

| S. No | Roll No.   | Name of the student             | Name of the program and University /Country | TOEFL/ GRE/ GMAT/ IELTS Score, if any |
|-------|------------|---------------------------------|---------------------------------------------|---------------------------------------|
| 1     | 16R11A0432 | Shreedha Subbagari              | MS in USA                                   | IELTS Score : 6.5                     |
| 2     | 19R15A0411 | Sudha Kavya                     | MS in USA                                   | GRE Score : 320.5/346                 |
| 3     | 16R11A04L3 | Gurumanchi Sai Kalyan           | MS in USA                                   | Duolingo Score :110                   |
| 4     | 17R11A0409 | Ch. Satya Sravya                | MS in USA                                   | GRE Score : 320.5/346                 |
| 5     | 18R11A04C7 | Regalla Divya                   | MS in USA                                   | IELTS Score : 6.5                     |
| 6     | 18R11A04B7 | Kosaraju Venkata Naga Sai Karan | MS in USA                                   | IELTS Score : 6.5                     |
| 7     | 18R15A0410 | Palepu Gopi                     | MS in USA                                   | GRE Score :322 /346                   |

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

- 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     | 19R11A04M0              | Mr.Abhinav Gorthy   | International Conference on VLSI Design ( VLSID2023 ) | Management encouraged by sponsoring 100% of registration fee | 08-01-2023               | Participated                 |
| 2     | 19R11A0463              | Ms.G.Srividya       | International Conference on VLSI Design ( VLSID2023 ) |                                                              | 08-01-2023               | Participated                 |
|       |                         |                     |                                                       |                                                              |                          |                              |

ii.Details of NSS activities taken place

| S. No. | Activity details                                                                                       | Date(s)                   | Organized by College/University                                                                                                                               |
|--------|--------------------------------------------------------------------------------------------------------|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1      | One month Skill Development Program on Computer Fundamentals and MS-OFFICE Applications                | 19-12-2022 and 19-01-2023 | The <b>Coordinators</b> for the SDP were <b>Mrs. S.Radha</b> , Assistant Professor, CSE Department, <b>Mr. Y. Siva</b> , Assistant Professor, CSE Department. |
| 2      | Name of the event: Eye Screening Program<br>Number of participants 300 ( Students, staff and faculty ) | 28-01-2023 and 30-01-2023 | GCET in Association with WIN VISION Eye Hospital, Hyderabad.                                                                                                  |
|        |                                                                                                        |                           |                                                                                                                                                               |

6. Details peer learning session

| S No | Roll No. of student | Year and Section | Student Name (Talk By) | Topic                                             | Course | Date       | Duration   |
|------|---------------------|------------------|------------------------|---------------------------------------------------|--------|------------|------------|
| 1    | 21R11A04D4          | II-ECE-C         | C.MONICA               | Types of Sampling                                 | S&S    | 03-02-2023 | 30 Minutes |
| 2    | 21R11A04E3          | II-ECE-C         | S.BHAVYA               | Analysis of Amplifiers using Hybrid - $\pi$ Model | ECAD   | 06-02-2023 | 25 Minutes |
| 3    | 21R11A04E7          | II-ECE-C         | T.S. HARATEJA          | Briefing on Oscillators                           | ECAD   | 06-02-2023 | 25 Minutes |

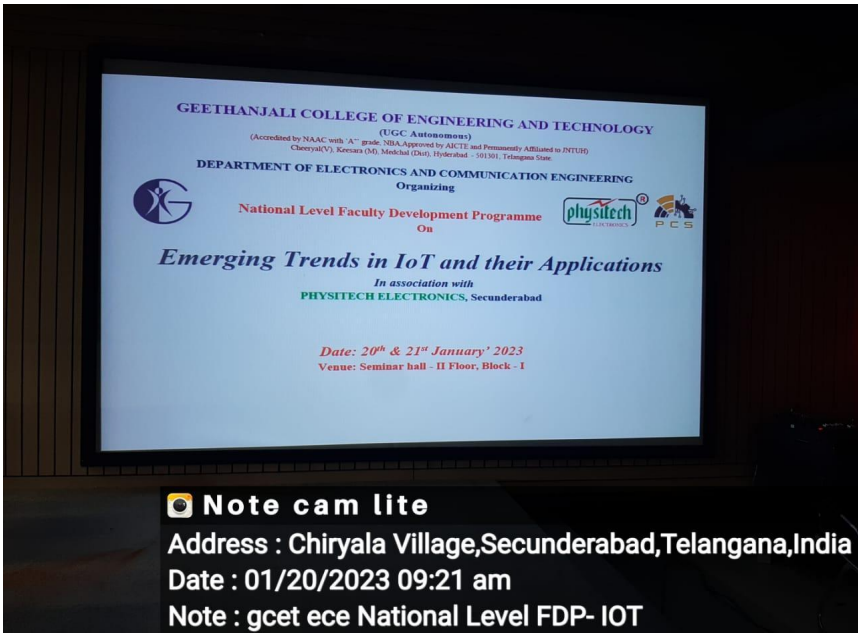
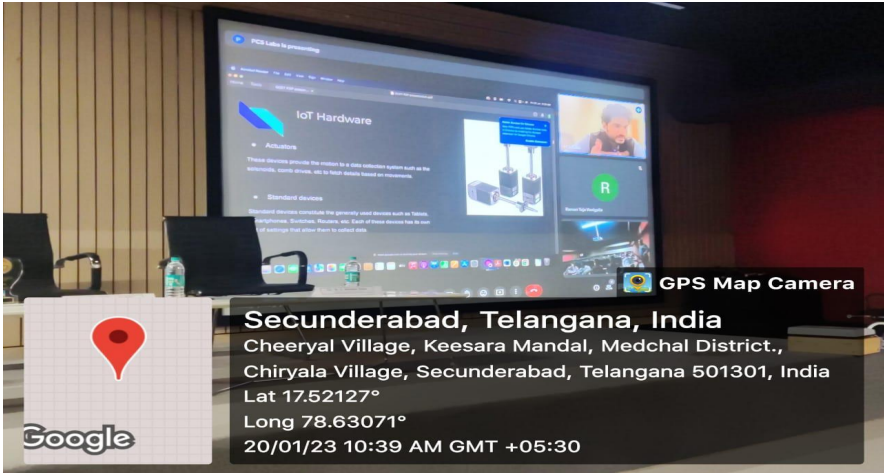
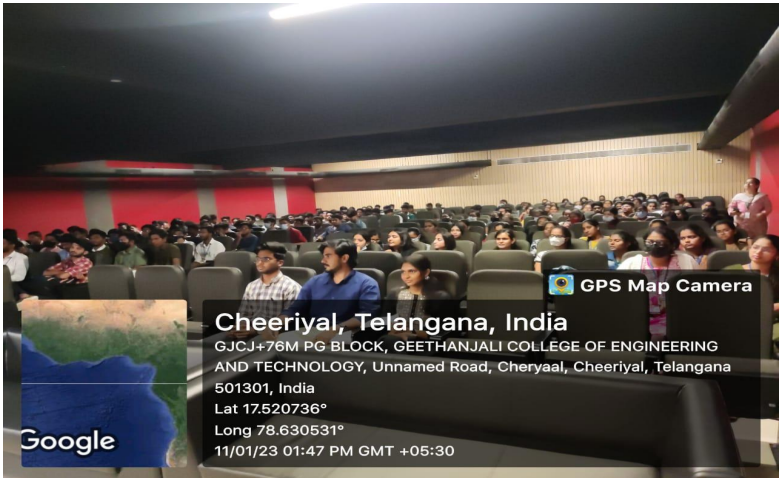
7.Any other relevant/significant information:

- Department conducted Parent-Teacher meeting on 28-01-2023

Signature of faculty member in-charge

Signature of Head of the Department





GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY  
(UGC AUTONOMOUS, NAAC "A+" ACCREDITED, APPROVED BY AICTE AND PERMANENTLY AFFILIATED TO JNTUH)



DEPARTMENT OF ECE UNDER IETE AND SIGNAL  
PROCESSING AND CONTROL SYSTEM GROUP PRESENTS



GUEST LECTURE ON  
DSP PROCESSOR -ARCHITECTURE AND APPLICATIONS

RESOURCE PERSON

Dr.N.Balaji ,Director IQAC ,  
HOD-ECE, JNTUK,  
Kakinada



for all III year ECE students

29-01-2023

9 AM-10:30 AM

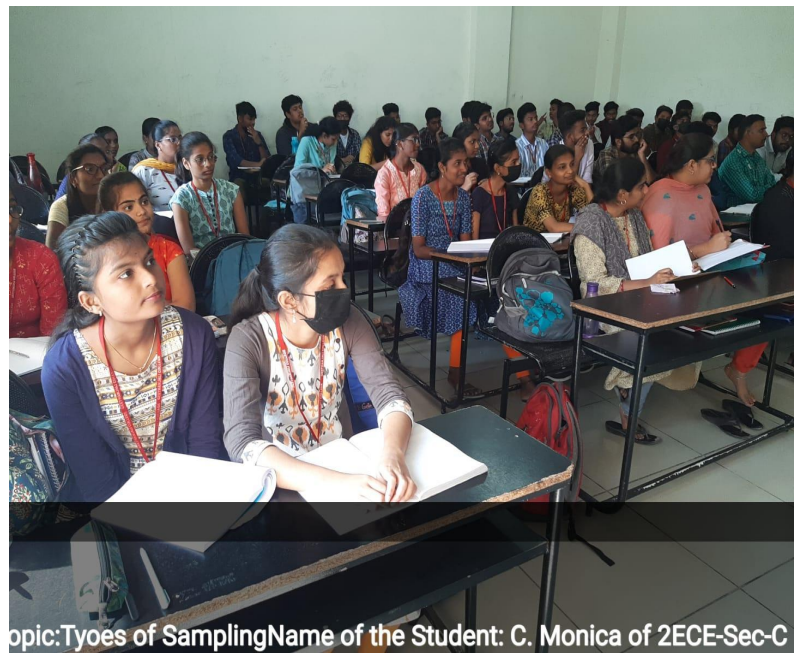
Mode of Conduction :Online

Faculty coordinators:

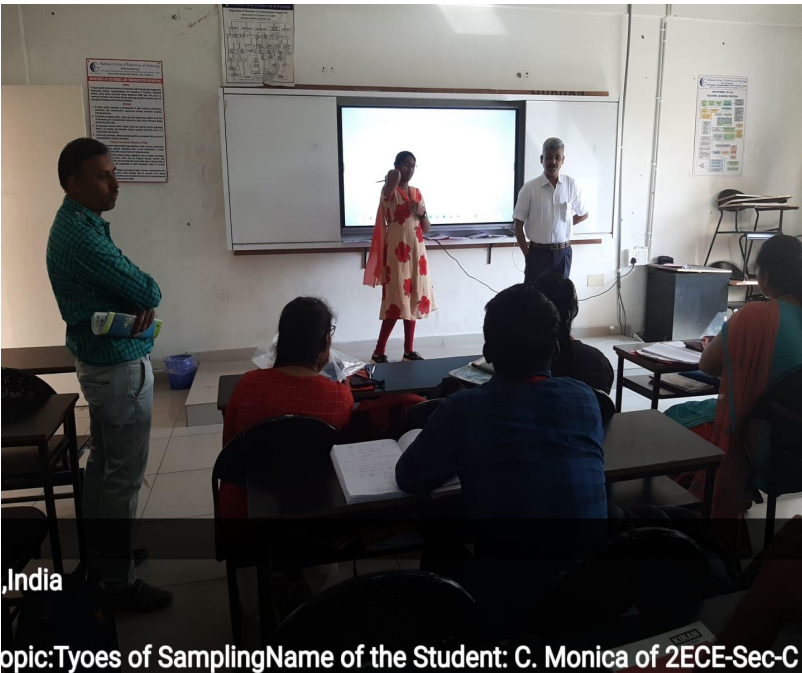
Dr.Appala Raju Uppala, Associate Professor,ISF Coordinator,  
Dept. of ECE  
Mr.M Jagan Mohan Rao, Assistant Professor, Dept. of ECE

Student coordinators:

Akhilesh Patnala(20R11A04F4) (ECE-3D)  
Pranay Kumar (20R11A04H6) (ECE-3D)



Topic: Types of Sampling  
Name of the Student: C. Monica of 2ECE-Sec-C



,India

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Name of the Student: C. Monica of 2ECE-Sec-C



derabad,Telangana,India

ent developmnet programme on VLSI Design flow using Cadence Tools

