'GEETHANJALI COLLGE OF ENGNEERING & TECHNOLOGY

Department's Monthly Report : February - 2022

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 (Na of the faculty)
1	Dr.S.Vallisree,	Associate Professor, Department of ECE, GCET	Introduction to Technology Enabled Learning and Ted-Ed	Faculty	Department of E
2	Mr.P.Chandra Prakash Reddy Mr. Ch.Sandeep	Assistant Professor, Department of ECE, GCET	SMART SENSORS AND INSTRUMENTATION LABORATORY	ECE Faculty	Ms. S.Shravani Asst. Professor ECE Dept
3	Dr Chakravattula Kiran,	Associate Professor, Dept. of Electronics and Instrumentation Engineering, VNRVJIET, Hyderabad.	**Professional Ethics and Norms:** Basic Concepts, governing Ethics, personal & professional Ethics, Ethical Dilemmas. Value Education, Ethics and Profession, Moral Developments, Moral issues, Moral Autonomy Moral Absolution, Professions and Norms of Professional conduct.	II year B.Tech II semester students	Ms.ARL Padmaja Mr. Chathar Singl

2.Details of the Seminars/ Conferences / Workshops /Refresher Courses / Orientation Courses/ FDPs attended by faculty

Name of the Faculty	Nature of program attended: conference/workshop etc..	Title of the Program	Date(s) attended
Dr.R.Santosh, Nageswar Rao Uppala, Jagan Mohan Rao Malla,	International Conference	2nd International Conference On Micro/Nano electronics Devices, Circuits, and Systems (MNDCS-2022) Paper title: "The Anisotropy and Birefringence of Monolayer WS2 Semiconductor".	29-31 Jan 2022

3.Details of Research Publications.

S. No	List of Authors	Title of the Paper	Journal Name	Year of Publication
1	Dr. S.Vallisree	Modeling and Simulation of CZTS Thin-Film Solar Cell for Efficiency Enhancement	*Journal* of Electronic Materials	21-02-2022
2	Dr.R.Santosh	Thermo-photodynamic perspective of the simultaneous S-Scheme ternary heterostructure through Ag_3VO_4 shuttle for the increased photo-redox ability	Applied Materials Today	28th Februar 2022

4. Students Higher Education Data.

S. No	Roll No.	Name of the student	Name of the program and University
1	17R11A04J8	T. Namruth Goud	MS in USA
2	10R11A0406	B.Swetha	MS in USA
3	18R11A04B8	K.Sri Vaishnavi	MS in USA
4	18R11A04L4	B.Eshanth Reddy	MS in USA
5	17R11A0429	M.Srinidhi	MS in UK
6	18R11A04K6	A.Deepthi	MS in USA
7	17R11A04D9	P.T. Raghavendra Sai	MS in USA
8	18R11A0443	V.Sreeja	MS in USA
9	18R11A0409	Ch.Sushma	MS in USA
10	14R11A04G3	R.Sailesh	MBA in UK
11	17R11A04J1	P. Sravani	MS in USA
12	17R11A0475	K.Desik	MS in Germany

13	15R11A04K4	Jaswanth Kumar	MS in USA
14	18R11A0457	D. Chandrika Reddy	MS in USA

5.Details of Patent/ Ongoing Projects / Consultancy

Title/ Description	Principal investigator	Duration/ time period	Sponsoring Organizatio
DEVELOPMENT OF SMART AND USER FRIENDLY IOT DEVICE FOR WOMEN SAFETY	Dr Vallisree Sivathanu, Dr Saladi Saritha, Dr Spandana Paramkusham	Application No.202141058688 A Publication Date: 04/02/2022	Geethanjali College Engineering and Techn
INDEX MODULATION TECHNIQUES FOR 5G WIRELESS NETWORKS	Mrs G.Aparna	Application No.202241001137 A Publication Date : 04/02/2022	------

6.Any other relevant/significant information:

i. The IEEE SB GCET has inaugurated its new society chapter Geosciences and Remote sensing society (GRSS) Student Branch Chapter on 04-03-22.

ii. An annual general meeting (AGM) is the yearly gathering of a committee consisting of IEEE Student branch Counselor, Advisors of Various student Chapters and the IEEE Student members to discuss the previous year statistics and the plans for upcoming year on 4th March, 2022.

Signature of faculty member in-charge

Signature of Head of the Department