

GEETHANJALI COLLEGE OF ENGINEERING & TECHNOLOGY

Department's Monthly Report:May-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	Date of the Event	Proposed by (Name of the faculty)
1	Dr.G.Prasad	Scientist "SG",NRSC,ISRO	Advances and utilization of digital design in satellite ground station	2nd year ECE students	05-05-2023	V V S V S Ramachandram

2. Student Development Programs/Value Added Courses Conducted

S. No	Name of the program	Target Audience	Date(s) conducted	No. of students attended
1	Python for Data Analytics	II Year	06-05-2023	45

3.Details of the Seminars/ Workshops /Refresher Courses / Orientation Courses/ FDPs 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	M. Laxmi	NPTEL FDP	Introduction to Industry 4.0 and Industrial Internet of Things	12 Weeks Jan-April 2022	IIT, Kharagpur (Funded by the MoE)
2	M. Sowjanya	NPTEL FDP	Introduction to Industry 4.0 and Industrial Internet of Things		
3	D. Ramya	NPTEL FDP	Computer Networks and Internet Protocol		

4	A.Sowjanya	NPTEL FDP	The Joy of Computing using Python		IIT, Madras (Funded by the MoE)
5	M.Anand	NPTEL FDP	The Joy of Computing using Python		
6	K.Victor	NPTEL FDP	Data Analytics with Python		IIT, Roorkee (Funded by the MoE)
7	S. Savithri Padma Priya	Professional development Programme	Foundations of Cryptography	15-5-2023 to 19-05-2023	National Institute of Technical Teachers training and research, Chennai

Details of NPTEL / SWAYAM Courses:

S.No	Name of the faculty	Name of the Course	Secured Score	Award of certificate	Duration of the course	Month & year
1	M. Laxmi	Introduction to Industry 4.0 and Industrial Internet of Things	86%	Elite Silver medal	12 Weeks	Jan-April, 2023
2	M. Sowjanya	Introduction to Industry 4.0 and Industrial Internet of Things	78%	Elite		
3	D.Ramya	Computer Networks and Internet Protocol	72%	Elite		
4	A.Sowjanya	The Joy of Computing using Python	62%	Elite		
5	M.Anand	The Joy of Computing using Python	66%	Elite		
6	K.Victor	Data Analytics with Python	75%	Elite		
7	K.Victor	Programming in Python	93%	Swayam Online certification	12 Weeks	Jan-April, 2023

4.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.	11R11A0449	Shaik Zahid Fazal	MS in UK	Score card not required for UK
2.	18R11A0415	G. Sai Lahari	MS in USA	GRE Score : 319.5/346
3.	18R11A04P9	M. Tanuja	MS in USA	Duolingo Score : 120 GRE Score : 278/346

5. Books/Chapters published by faculty as single author/ one of the authors or as editor

S. No:	Faculty Name	Title of the Book, or Chapter	Date of Publication	ISBN/ ISSN
1	Dr.G.Vallathan	Implementation of 64-bit Parallel Subtractor using Xilinx IP Cores for Fast Computing	May 2023	e-ISBN: 9788770228299 doi: https://doi.org/10.13052/rp-9788770228299
2	Dr.G.Vallathan	Spatiotemporal Data Analytics and Modelling: Techniques and Applications as Chapter 12: Future Perspectives of Spatiotemporal Data Analytics and Modeling	June 2023	Accepted by Springer Nature Publication.

6. Details of Patent/ Ongoing Projects / Consultancy

Title/ Description	Principal investigator	Duration/ time period	Sponsoring Organization	Funding Amount	Remarks / Present Status
Systematic Techniques to Study the impact of Novel Approaches in Brain Tumor Therapy	Dr. G. VALLATHAN	Publication date: 19.05.2023 Patent Application no: 202331033540A	Self	---	Published

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	Name of the Event	Organized by, specify College/University	Date(s) of Participation	Specify Prize(s) won, if any
1	21R11A04B7	G.SAI SRIKAR	NPTEL Online Certification Sub: The Joy of Computing Using Python	IIT, Madras	Jan-Apr 2023 (12 week course)	Elite (60%)
2	21R11A04B2	CH RAMU	NPTEL Online Certification Sub: The Joy of Computing Using Python	IIT, Madras	Jan-Apr 2023 (12 week course)	Elite (72%)

8.Details of Industry visits organized/planned by the departments

S No	Dept	Associated Industry, Address	Visit provided to (Year / section)	Date of visit	Faculty / Student Coordinator	No. of students visited	Remarks
1	ECE	MEMS, Microfluidics and Nanoelectronics (MMNE) lab of BITS-Pilani Hyderabad Campus	ECE Students	27 th April, 2023	1. O.V.P.R Siva Kumar Professor of ECE, GCET Advisor IEEE NTC GCET SBC 2. Ms. Anusha Samala: Student of ECE, GCET Chairperson IEEE NTC GCET SBC	2 - faculty 6- students	Organized by IEEE NTC GCET SBC Student Branch Chapter (SBC05 841E)

9.Any other relevant/significant information:

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

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

