

FACULTY PROFILE

Jyothirmai Garapati

Department: Electronics and Communication Engineering
College: Gudlavalleru Engineering College
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Address for Communication:

W/o K. Uday Kiran,
Flat No: 103, DP Apartment,
Opposite to Gudlavalleru Engineering College,
Gudlavalleru, Krishna District, Andhra Pradesh,
521356.

Academic Qualifications

S. No	Name of the Degree	University	Percentage of Marks/Grade	Specialization	Year of Pass
1	M.Tech	Acharya Nagarjuna University	76%	Communications & Signal Processing	2008
2	B.Tech	JNTU, Hyderabad	57%	E.C.E	2004
3	Intermediate	Board of Intermediate Education	75.4%	M.P.C	2000
4	SSC	Board of Secondary Education	83.4%	-	1998

Professional Experience

S. No.	Designation	Institution Name	Working Period	
			From	To
1.	Assistant Professor	Gudlalleru Engineering College	18-11-2019	Till Date
2.	Senior Research Fellow	Tezpur University, Assam	19-06-2016	05-07-2019
3.	Assistant Professor	Regional Institute of Science & Technology, Meghalaya	01-08-2010	18-06-2016
4.	Assistant Professor	Andhra Loyola Institute of Technology & Science, Vijayawada	01-08-2008	10-05-2009

Workshops Organized No. : 01

Acted as co-coordinator for “One Day Workshop on “Foundation of Fuzzy Set and Fuzzy logic” held on 07-02-2015 at University of Science & Technology, Meghalaya And Regional Institute of Science & Technology, Meghalaya.

Workshops /Conferences /Seminars Attended No. : 04

- 1) Attended 2nd National Level Workshop cum Summer Internship on Embedded Systems and Related Applications in Department of Electronics and Communication Engineering and RESONICS - Society for Promotion of Education and Research in Electronics and Related Areas Gawahati University, Guwahati-781014, Assam, India in association with Brigosha Technologies Pvt. Ltd. During 17th – 24th July, 2013.
- 2) Attended TEZPUR UNIVERSITY Hands on Training (Level-1) Programme on ‘Basic MEMS Fabrication Techniques’ during 11.06.2015 to 16.06.2015
- 3) Attended North East Principal Meeting for ‘e-Yantra Lab Setup Initiative in the North Eastern Region of India’, April 5th, 2016, Tezpur University.
- 4) Attended a professional Enrichment program ‘Don Bosco’s System and the Challenges of Higher Education program’ during 04-08-2009 to 07-08-2009.

FDPs/Webinars/Training Programs Attended: (06)

- 1) Participated in One Week Online Faculty Development Program on "Advanced Antenna Design Using HFSS" Organized by Department of ECE , Santhiram Engineering College , Nandyal in collaboration with Vardhaman College of Engineering ,Hyderabad from **12-05-2020 to 17-05-2020**.
- 2) Participated in One Week Online Faculty Development Program on Speech Processing Applications & Challenges Organized by Department of ECE, SANTHIRAM ENGINEERING COLLEGE, Nandyal in collaboration with International Institute of Information Technology, Hyderabad from **20-05-2020 to 25-05-2020**.
- 3) Attended Two Week Faculty Development Program on "Matlab tools and their applications in Engineering" from **25-05-2020 to 07-06-2020** conducted by Data Tech Labs.
- 4) Participated in webinar on "Impact of Covid-19 in Engineering Education & Way Forward" organized by Indian Society of Technical Education (ISTE), chapter, Gudlavalleru Engineering College, Gudlavalleru on **09-06-2020**.
- 5) Attended online internship training program in TOPICS LabVIEW Introduction - Modelling of physical system - Time Analysis - Frequency Analysis - Machine to Machine Communication - Cloud Computation CYBER-PHYSICAL SYSTEMS AND ITS APPLICATION USING NI LabVIEW from **01.06.2020 to 19.06.2020** by OPTITHOUGHT[NI-SAP], Chennai.
- 6) Participated in A National Level Webinar on "Intellectual Property Rights & Patents - A View" organized by IQAC, Gudlavalleru Engineering College, Gudlavalleru held during **10 - 12 August 2020**.

Subjects Handled: 13

Under Graduation

- Digital Signal Processing
- Digital Image Processing
- Signals & Systems
- Control Systems
- Digital Communication
- Analog Communication
- Electronic Devices & Circuits
- Analog Electronic Circuits
- Electric Network Theory
- Mobile Communications
- Satellite Communications
- Fundamentals of Communications

Labs Handled: (UG) 06

- Electronic Devices and Circuits/ Semiconductor Devices and Circuits
- Digital Communications
- Analog Communications
- Electronic Devices & Circuits
- DSP using MATLAB
- Analog Electronics Laboratory

Other Responsibilities**Department Level**

1. In charge of the department for Three years.
2. Student Counselor (Women's Cell).
3. Class in-charge.
4. Mini-Project Coordinator.

Projects Guided**Under Graduation: 03**

S. No.	Name of the project	Year
1.	Black Box Detection for Vehicles using GSM	2012-13
2.	Mobile controlled Automatic Water Level Controlling System	2013-14
3.	Design of Touch Screen Based E-menu for Digital Restaurants using Android Smart Phone	2019-20

Post Graduation: NIL**Guiding Ph. D Students: NIL****Books Published No. : NIL****R&D and Consultancy: NIL****Curriculum Design and Development: NIL Academic****Rewards / Achievements: NIL****Extra Curricular Activities: NIL**

Declaration

I hereby declare that all the above-furnished information is correct to the best of my knowledge.

Date: 20-08-2020

Signature

Place: Gudlalleru

(G. Jyothirmai)