

Hema Kumar Goru



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 Department of Electronics & Communication Engineering,
 Velagapudi Ramakrishna Siddhartha Engineering College,
 Kanuru, Vijayawada, Andhra Pradesh 520007.

Education

Ph. D, Pursuing (Electronics and Communication Engineering)

SRM Institute of Science & Technology, Chennai

M.Tech (Digital Systems & Computer Electronics)

2007, Jawaharlal Nehru Technological University, Hyderabad

B.Tech (Electronics & Communication Engineering)

2002, Andhra University, Visakhapatnam

Experience

Period	Designation	Institution / Organization
2009 to Till Date	Sr. Assistant Professor	Velagapudi Ramakrishna Siddhartha Engineering College
2002-2008	Assistant Professor	Velagapudi Ramakrishna Siddhartha Engineering College

Research Interests

Broad Area of Research:

- Signal Processing

Courses Taught

S. No.	Course Name	Level (UG/PG)
1.	Optimization techniques	PG
2.	Signals & Systems	UG
3.	Digital Image Processing	UG
4.	Digital Signal Processing	UG

5.	Probability Theory and Random Processes	UG
6.	Linear Integrated Circuits & Applications	UG
7.	Pulse and Switching Circuits	UG
8.	Network Theory	UG
9.	Electronic Circuits - I	UG
10.	Electronic Circuits - II	UG
11.	Transmission Lines & Wave Guides	UG
12.	Digital Electronics	UG
13.	Electro Magnetic Field Theory	UG
14.	Digital Communications	UG

Research Profile

Publications

The recent publications and research contributions can be viewed from the following URLs

Google Scholar	https://scholar.google.com/scholar?hl=en&as_sdt=0%2C5&q=hema+kumar+goru&btnG=
Scopus	https://www.scopus.com/authid/detail.uri?authorId=57195314893
ORCID	https://orcid.org/0000-0002-8816-3407
dblp	https://dblp.uni-trier.de/pers/hd/g/Goru:Hema_Kumar
Research Gate	https://www.researchgate.net/publication/340893413
LinkedIn	

Invited Talks

No. of Invited Talks	01
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Administrative Roles

S.No.	Role	Institution	Responsibilities
1.	Attendance coordinator for UG	VRSEC	In-charge
2.	Internal Marks coordinator	VRSEC	In-charge
3.	Analog Electronics & Circuits Lab	VRSEC	In-charge
4.	B. Tech Admissions Committee	VRSEC	Dept. Coordinator
5.	MoUs Department Coordinator	VRSEC	Dept. Coordinator
6.	NBA, NAAC & ISO	VRSEC	member
7.	Anti-Ragging committee	VRSEC	member
8.	Grievance Redressal Committee	VRSEC	member
9.	Academic Audit Committee	VRSEC	member

Certifications/MOOC Courses Completed

S. No.	Title	Platform	Duration	Year
1.	Design Thinking – A Primer	NPTEL	04 Weeks	2024
2.	Introduction to Machine Learning	NPTEL	12 Weeks	2022

3.	Deep Learning	NPTEL	12 Weeks	2022
4.	Biomedical Signal Processing	NPTEL	12 Weeks	2020
5.	AI For Everyone	Coursera		2020
6.	Programming for Everybody (Getting Started with Python)	Coursera		2020
7.	Introduction to Programming with MATLAB	Coursera		2020
8.	Python Basics	Coursera		2020
9.	Using Databases with Python	Coursera		2020

Invited Talks

No. of Invited Talks	02
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Professional Development Activities - Participations

Faculty Development and Training Programmes (at least 5 Days)	25
International / National Level Seminars	23
International / National Level Conferences	20
Workshops	19

Professional Bodies Membership Details

M - 224670	Institution of Electronics and Communication Engineers (IETE)
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(Hema Kumar Goru)
