

Dr. Gavini Narasimha Swamy



Designation : Dean Student Affairs and Admissions, HOD, EIE
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Contact at : EI447, Dept. of Electronics & Instrumentation Engineering,
 Velagapudi Ramakrishna Siddhartha Engineering College,
 Kanuru, Vijayawada, Andhra Pradesh-520007.

Education

Ph.D (Signal Processing)

2006, Andhra University, Visakhapatnam

M.Tech (Micro-Wave Engineering)

1993, Institute of Technology Banaras Hindu University, Varanasi

B.Tech (Electronics and Communication Engineering)

1991, V.R.Siddhartha Engineering College, Vijayawada

Experience

Period	Designation	Institution / Organization	Key Responsibilities
2014- Till Date	Professor & HOD	Velagapudi Ramakrishna Siddhartha Engineering College	Dean Student Affairs and Admissions, Head of the Department, Ph.D. guidance, research publications, academic leadership, NBA/NAAC coordination.
2011- 2014	Professor	Velagapudi Ramakrishna Siddhartha Engineering College	Teaching, Helping Administration, Publishing Papers, Guiding Projects for both UG & PG, Organizing workshops, seminars and conferences
2006- 2011	Professor	Gudlalleru Engineering College	Teaching, Helping Administration, Publishing Papers, Guiding Projects, Organizing workshops, seminars and conferences
2001- 2006	Assistant Professor	Velagapudi Ramakrishna Siddhartha Engineering College	Teaching, Helping Administration, Guiding Projects

Research Interests

Broad Area of Research:

Signal Processing, Microwave Engineering

Honors and Awards

- Nominated as a member of Board of Studies in the department of Instrument Technology, Andhra University for a period of 3 years with effect from 04-12-2020 to 03-12-2023.
- Nominated as BOS member in Andhra Loyola Institute of Engineering and Technology, Vijayawada and VVIT, Namburu.
- Acting as Academic Council Member in KLU, Vijayawada.
- Received "Jai Upadhyaya Puraskar" in 2017 by Lions Club, Vijayawada.

Courses Taught

S.No	Course Name	Level (UG/PG)
1.	Electronic Devices & Circuits	UG
2.	Electronic Circuit Analysis & Design	UG
3.	Pulse & Digital Circuits	UG
4.	Linear IC Applications	UG
5.	Electromagnetic Field Theory	UG
6.	Digital Electronics	UG
7.	Digital Signal Processing	UG
8.	Microwave Solid State Devices and Circuits	PG
9.	Microwave Measurements	PG
10.	Detection & Estimation of Signals	PG
11.	Coding Theory & Techniques	PG
12.	Analog and digital IC Design	PG

Research Profile

Publications

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

Google Scholar	https://scholar.google.com/citations?hl=en&user=6GZyxKMAAAAJ
Scopus	https://www.scopus.com/authid/detail.uri?authorId=56426894700
ORCID	https://orcid.org/0000-0002-9447-114X
LinkedIn	linkedin.com/in/gavini-narasimha-swamy-881b55227

Recognized Research Supervisor

S.No.	Department	University
01.	Electronics and Communication Engineering	JNTUK, JNTUA, SAHE Deemed to be University

Funded Research Projects & Grants

S.No.	Type	Title	Status	Funding Agency	Amount (INR)	Duration
1.	Funded	Development of denoising algorithms for cardiac ultrasound images to detect carotid plaque for the assessment of risk of stroke	Completed	UGC	4.5 Lakhs	2 Years
2.	Funded	Seminar on "Recent Trends and Developments in the field of Computer Vision"	Completed	AICTE	2 Lakhs	20 th to 21 st December, 2013
3.	Funded	Workshop on "Application aspects of Instrumentation, Automation, Control and Communication"	Completed	SERB	1 Lakh	18 th to 19 th January, 2016
4	Funded	FDP on "Technical Trends and Recent Advances in Industrial Robotics & Applications"	Completed	AICTE-ISTE	92,000	24 th to 30 th January, 2022

Administrative Roles

S.No.	Role	Institution	Duration	Responsibilities
1	Dean Student Affairs and Admissions	V R Siddhartha School of Engineering	2024-Till date	Managing the entire admissions process, including outreach, counselling, and compliance with regulatory guidelines, overseeing student welfare and discipline, ensuring a supportive campus environment
2	Head of the Department, EIE	V R Siddhartha School of Engineering	2014-Till date	Responsible for academic leadership, faculty coordination, and overall departmental administration
3	Boys Hostel Warden	V R Siddhartha School of Engineering	2023-Till date	Responsible for hostel administration, student welfare, and maintaining discipline in the hostel

Consultancy / Industry Projects

Completed	04
On-going	
Applied	

Patents

S.No	Title	Status	Application No.	Year
1.	Smart Glove	Published	201741002856	2017
2.	YOUPEP – Method and System for Building Network Between Users	Published	201741005388	2017

Ph.D

Awarded	03
Guiding	04

Invited Talks

No. of Invited Talks	10
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Professional Service / Reviewer

- Reviewer for IET Image Processing

Professional Development Activities - Participations

Faculty Development and Training Programmes (at least 5 Days)	20
International / National Level Seminars	01 / 03
International / National Level Conferences	25 / 12
Workshops	10

Professional Bodies Membership Details

S.No.	Membership No.	Society Name
1.	LM14612	Member of Indian Society for technical Education (MISTE)
2.	F116439	Fellow of the Institution of Electronics and Telecommunication Engineering (FIETE)
3.	F121563-5	Fellow of the Institution of Engineers

(Dr.G.N.Swamy)
