

Dr. Srinivas Maganti



Designation : Assistant Professor & Assistant HOD
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: EI 440, Department of Electronics and Instrumentation
Engg.,
Velagapudi Ramakrishna Siddhartha Engineering College,
Kanuru, Vijayawada, Andhra Pradesh 520007.

Education

Ph.D. (Instrumentation Technology)

2024, AU, Visakhapatnam

M.Tech (Embedded Systems)

2005, SRMIST, Chennai

B.Tech (Electronics and Instrumentation Engineering)

2002, JNTU, Hyderabad

Experience

Period	Designation	Institution / Organization
2014-2020	Assistant Professor	Velagapudi Ramakrishna Siddhartha Engineering College
2010-2014	Associate Professor	M.V.R. College of Engineering and Technology, Paritala
2005-2010	Assistant Professor	Velagapudi Ramakrishna Siddhartha Engineering College

Research Interests

Broad Area of Research :

Wireless Sensor Networks

Honors and Awards

Courses Taught

S.No	Course Name	Level (UG/PG)
1	Electronic Devices and Circuits	UG
2	Analog Electronic Circuits	UG
3	Industrial Instrumentation	UG
4	Microprocessors and Microcontrollers	UG
5	Embedded Systems	UG
6	Industrial Communication Networks	UG
7	PC based Instrumentation	UG
8	VLSI design	UG
9	Power Plant Instrumentation	UG
10	Computer Networks	UG

Research Profile

Publications

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

Google Scholar	https://scholar.google.com/citations?user=9xjBKIAAAAAJ&hl=en
Scopus	https://www.scopus.com/authid/detail.uri?authorId=57202996585
ORCID	https://orcid.org/0000-0003-3820-0561

Recognized Research Supervisor

S.No.	Department	University

Funded Research Projects

S.No.	Type	Title	Status	Funding Agency	Amount (INR)	Duration
01.	Funded	Data-Driven Cascade Control with ANN Optimization for Robust Biomass-to-Hydrogen Production.	Applied	MNRE NGHM	1.5 Cr	3Years
02.	Funded	Non-Invasive Blood Glucose Monitoring Using Near-Infrared Spectroscopy for Affordable Diabetes Management in Indian Populations	Applied	Sree PVF Ramakrishna Paramahansa Research Grant	46 L	2 years
03.	Funded	Development of a Low-Cost Cantilever-Based MEMS Hydrogen Leak Detection Device with Integrated Local Safety Alert System.	Applied	MNRE NGHM	42 L	3Years

Administrative Roles

S.No.	Role	Institution	Duration	Responsibilities
1	Assistant HOD, EIE Dept.	V.R.School of Engg.	2025 - Present	Day to Day Activities

Certifications/MOOC Courses Completed

S.No.	Title	Platform	Duration	Year
1.	Introduction to Research	NPTEL	8 Weeks	2018
2.	Qualitative Research Methods and Research Writing	NPTEL	12 Weeks	2020
3.	Python- Programming for Everybody	Course - Era	12 Weeks	2020
4.	Artificial Intelligence	Course - Era	12 Weeks	2020

Consultancy / Industry Projects

Completed	01
On-going	00
Applied	00

Patents

S.No	Title	Status	Application No.	Year
1.	System and Method for Automated Recognition of Routing Protocol	Published	202241038270	2022
2.	Hitech Multi Functional Smart Bluetooth Speaker	Granted	148063	2023

Ph.D

Awarded	00
Guiding	00

Invited Talks

No. of Invited Talks	--
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Professional Development Activities - Participations

Faculty Development and Training Programmes (at least 5 Days)	15
International / National Level Seminars	00/ 02
International / National Level Conferences	13 / 04
Workshops	08
Instructor Led / Self-Paced Courses	02
Webinars	06

Professional Bodies Membership Details

S.No.	Membership No.	Society Name

(Your Name & Signature with Date)
