

Dr.Paruchuri Srinivas



Designation : Associate Professor
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Contact at : Department of Electronics & Instrumentation Engineering,
 Velagapudi Ramakrishna Siddhartha Engineering College,
 Kanuru, Vijayawada, Andhra Pradesh 520007.

Education

Ph. D (Instrument Technology)

2022, Andhra University, Visakhapatnam

M.Tech (Electronic Instrumentation)

1992, NITW, Warangal

B.Tech (Computer Science and Engineering)

1990, Nagarjuna University, Nagarjuna Nagar

Experience

Period	Designation	Institution / Organization	Key Responsibilities
2001-2025	Associate Professor	Velagapudi Ramakrishna Siddhartha Engineering College	Asst. Controller of Examinations, Program Coordinator, Curriculum design, Ph.D./PG guidance, research publications, academic leadership, NBA/NAAC coordination.
1993-2000	Assistant Professor	Velagapudi Ramakrishna Siddhartha Engineering College	

Research Interests

Broad Area of Research :

Solar photovoltaic systems, Control Systems

Honors and Awards

NIL

Courses Taught

S.No	Course Name	Level (UG/PG)
1	Computer control of Processes	UG
2	Digital Signal Processing	UG
3	Control Systems	UG
4	Drives and Control for Industrial Automation	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=NgqwQpAAAAAJ&hl=en
Scopus	https://www.scopus.com/authid/detail.uri?authorId=57192202181
ORCID	https://orcid.org/0000-0002-6472-6383
Publons	https://publons.com/researcher/3699469

Recognized Research Supervisor

S.No.	Department	University
01.	Electronics & Instrumentation Engineering	Siddhartha Academy of Higher Education

Funded Research Projects

S.No	Type	Title	Status	Funding Agency	Amount (INR)	Duration
01.	Funded	Analysis and Implementation of Energy Harvesting Techniques to power GPS	Completed	DRDO ANURAG	9,80,000	2 Years

02	Funded	Development of Denoising Algorithms for Cardiac Ultrasound Images to Detect Carotid Plaque for the Assessment of Risk of Stroke	Completed	UGC	4,50,000	2 years
02.		Development of on-line Condition Monitoring System for traction motors of 3-phase Electric Locomotives	Applied	Railways	1,00,00,000	2 Years
03.		Development, operation and generation of reports in the supply of water to villages from the water treatment plant through PLC, SCADA and wireless devices- Prototype	On-Going	Microsys Automation	2,00,000	2 Years

Administrative Roles

S.No.	Role	Institution	Duration	Responsibilities
1	Assistant Controller of Examinations	VRSEC	2023-Present	Examination Section Management
2	Program Coordinator	VRSEC	2014-Present	<ul style="list-style-type: none"> Coordinate all the academic activities in the department. Tracks attainment of Program Outcomes (POs), Program Specific Outcomes (PSOs), and Course Outcomes (COs).

Certifications/MOOC Courses Completed

S.No.	Title	Platform	Duration	Year
1.	Industrial Automation and Control	NPTEL	12 Weeks	2016
2	Energy X:Sustainable Energy: Design a Renewable Future	EdX	12 Weeks	2016
3	Design of Photovoltaic Systems	NPTEL	12 Weeks	2017
4	Non Conventional Energy Resources	NPTEL	12 Weeks	2018
5	Introduction to Internet of Things	NPTEL	12 Weeks	2019
6	AI for everyone	coursera	4 weeks	2020
7	Design of Internet of Things	NPTEL	12 Weeks	2021
8	Introduction of Industry 4.0 and Industrial Internet of Things	NPTEL	12 Weeks	2022
9	Machine Learning and Deep Learning - Fundamentals and Applications	NPTEL	12 Weeks	2023
10	Automatic Control	NPTEL	8Weeks	2025

Consultancy / Industry Projects

Completed	02
On-going	00
Applied	00

Patents

S.No	Title	Status	Application No.	Year
1.	Smart Glove	Published	201741002856	2018
2.	A wireless networking of medical equipment's on mobile application for paperless clinic	Granted	2020103799	2021
3.	Method for implementing satin bowerbird optimization (SBO) algorithm for maximum power point tracking in solar photovoltaic (PV) system	Published	202141052148 A	2021
4.	Method and system for developing portable power station for charging solar based electric vehicles	Published	202241040632 A	2022
5.	Design of plus shape patch antenna for wireless communication and inter net of things application	Published	202441044592 A	2024
6.	Analysis of a Low-Profile Penta band BPF Using Ring Resonator For Multiband Applications	Published	202441091343	2024

Ph.D

Awarded	00
Guiding	00

Invited Talks

No. of Invited Talks	00
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Professional Service / Reviewer

- Reviewed one paper in Inverse problems in Science and Engineering journal (Taylor & Francis group)
- Reviewed two papers in Automatika: Journal for Control, Measurement, Electronics, Computing and Communications
- Reviewed three papers in the Journal of Supercomputing
- Reviewed 15 papers in SCI indexed various MDPI journals

Professional Development Activities - Participations

Faculty Development and Training Programmes (at least 5 Days)	30
International / National Level Seminars	00 / 04
International / National Level Conferences	21 / 00
Workshops	20
Instructor Led / Self-Paced Courses	12
Webinars	14

Professional Bodies Membership Details

S.No.	Membership No.	Society Name
1.	101232234	IEEE
2.	LM 2183	Instrumentation Society Of India(ISOI)
3	LM1071	Bio-Medical Engineering Society Of India(BMESI)
4	LM25174	Indian Society for Technical Education (ISTE)

(Paruchuri Srinivas)

P. Srinivas

09.09.2025

(Your Name & Signature with Date)
