

Dr.Gummadi Srinivasarao



Designation : Founder of Pranayuv Technologies Pvt. Ltd.
Associate Professor, Convener of Institution Innovation Council, MSME Coordinator

✉ **E-Mail** : vasu1in@vrsiddhartha.ac.in

Contact at : EE 220, EEE Dept., Siddhartha Academy of Higher Education (Deemed to be University), Velagapudi Ramakrishna Siddhartha School of Engineering, Department of Electrical and Electronics Engineering, Kanuru, Vijayawada, Andhra Pradesh 520007

Education

Ph. D (Electrical and Electronics Engineering)

2015, Jawaharlal Nehru Technological University, Hyderabad

M.Tech (Electrical Power Systems)

2004, Jawaharlal Nehru Technological University, Anantapur

B.E (Electrical and Electronics Engineering)

2000, University of Madras, Chennai

Experience

Period	Designation	Institution / Organization	Key Responsibilities
2011-Till date	Associate Professor	Siddhartha Academy of Higher Education, Deemed to be University	IIC Convener, MSME Coordinator, NIRF Innovation Coordinator, Curriculum design, Ph.D. /PG guidance, research publications, NBA/NAAC coordination.
2009-2011	Associate Professor and I/C HoD	Vishnu Institute of Technology, Bhimavaram	I/C HoD
2008-2009	Associate Professor and I/C HoD	V.K.R & V.N.B. Engineering College, Gudivada	I/C HoD
2004-2008	Assistant Professor	P.V.P. Siddhartha Institute of Technology, Vijayawada	Internal examinations, ISO
2001-2004	Lecturer and I/C HoD	V.K.R&V.N.B.POLYTECHNIC, Gudivada	I/C HoD
2000-2001	Lecturer	Sri Muthukumaran Institute of Technology, Chennai	

Research Interests

Broad Area of Research:

Deregulated Power Systems, Green Hydrogen, Power Quality

Honors and Awards

- Stood First in Intermediate Mathematics, SERM Jr. College, Gudlavalleru

Courses Taught

S.No	Course Name	Level (UG/PG)
1	Deregulated Power System	PG
2	Electrical Distribution System	UG
3	Design Thinking and Innovation	UG
4	Power Quality	UG and PG

Research Profile

Publications

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

Google Scholar	https://scholar.google.co.in/citations?user=pg7CUm8AAAAJ&hl=en
Scopus	https://www.scopus.com/authid/detail.uri?authorId=56428360700
ORCID	https://orcid.org/0000-0002-5082-2470
Publons	https://publons.com/researcher/3712115/gummadi-srinivasarao/
Research Gate	https://www.researchgate.net/profile/Gummadi_Srinivasarao
LinkedIn	linkedin.com/in/gummadi-srinivasarao-796507108

Recognized Research Supervisor

S.No.	Department	University
01.	Electrical and Electronics Engineering	Jawaharlal Nehru Technological University, Kakinada
02.	Electrical and Electronics Engineering	SAHE, Deemed to be University

Funded Research Projects

S.No.	Title	Status	Funding Agency	Amount (INR)	Duration
01.	NIDHI-iTBI program for Women Entrepreneurs,	Applied	DST	5 Crores	3 Years

Administrative Roles

S.No.	Role	Institution	Duration	Responsibilities
1	Convener-IIC	SAHE	2018-Present	Coordinate the planning and implementation of all IIC activities as per Ministry of Education (MoE) guidelines, Organize IIC quarterly meetings, prepare agendas, and ensure proper documentation of minutes and Track and evaluate progress of IIC activities to improve institutional performance in innovation rankings.
2	NIRF-Innovation Coordinator	SAHE	2019-Present	Collect and compile data related to innovation, incubation, entrepreneurship, and start-up activities from all departments, Work closely with departmental coordinators, IIC, and incubation centers to gather accurate and updated information and timely submission
3	MSME Idea Hackathon Coordinator	SAHE	2021-Present	Coordinate the overall planning, scheduling, and smooth execution of the hackathon, and Serve as the point of contact between the institution and MSME for guidelines, approvals, and updates
4	Institute Start up support seed fund (SSS) coordinator	SAHE	2020-Present	Facilitate the call for proposals, collect applications, and maintain proper records of submissions and Organize expert panels/committees for evaluating start-up proposals and ensure transparency in the selection process

Certifications/MOOC Courses Completed

S.No.	Title	Platform	Duration	Year	Recognition
1.	Recent Advances in Transmission Insulators	NPTEL	4 Weeks	Aug-Sep 2018	71%
2.	Design Thinking – A primer	NPTEL	4 Weeks	Sep-Oct 2020	93%
3.	The Joy of Computing using Python	NPTEL	12 Weeks	Jan-April 2022	83%
4	Introduction to Internet of Things	NPTEL	12 Weeks	July-Oct 2022	82%, Topper 5%
5	The Cloud Computing	NPTEL	12 Weeks	Jul-Oct 2023	80%, Topper 5%
6	Software Testing	NPTEL	4 Weeks	Jan-Feb 2024	58%
7	Design Thinking and Innovation	NPTEL	16 Weeks	Jul-Oct 2024	A total of 317 candidates were certified out of 17,616 registered nationwide
8	Industrial training	Siemens Centre of Excellence	3 weeks	20-09-2021 to 08-10-2021	--

Consultancy / Industry Projects

Completed	--
On-going	--
Applied	--

Patents

S.No	Title	Status	Application No.	Year
1.	A Device For Protection Against Paedophiles	Granted	496889	10/01/2024
2.	Hybrid Convertible Smart Bed	Under examination	202341045434	01/09/2023
3.	Photovoltaic Solar Power Generation with Maximum Power Point Tracking	Published	202241067475	02/12/2022

Ph.D

Awarded	--
Guiding	02

Invited Talks

No. of Invited Talks	12
----------------------	----

Professional Service / Reviewer

- Reviewer in Institution Engineers, Springer series B
- Reviewer in Transactions on Consumer Electronics

Professional Development Activities - Participations

Faculty Development and Training Programmes (at least 5 Days)	05
International / National Level Seminars	06
International / National Level Conferences	02 / 00
Workshops	10
Instructor Led / Self-Paced Courses	14
Webinars	15

Professional Bodies Membership Details

S.No.	Membership No.	Society Name
1.	M-150402-3	MIE
2.	LM71389	LMISTE

(Dr.Gummadi Srinivasarao)
