

Dr. N. Vamsi Krishna



Designation : Assistant Professor (Selection Grade)
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Contact at : Department of Electrical and Electronics Engineering,
 SAHE, Deemed to be University,
 Kanuru, Vijayawada, Andhra Pradesh 520007.

Education

Ph. D (Electrical Engineering)

2019, Andhra University, Visakhapatnam

M.Tech (Control Systems Engineering)

2008, Andhra University, Visakhapatnam

B.Tech (Electrical and Electronics Engineering)

2005, Jawaharlal Nehru Technological University, Hyderabad

Experience

Period	Designation	Institution / Organization	Key Responsibilities
Sep 2025- Till date	Assistant Professor (Selection Grade)	Siddhartha Academy of Higher Education	EMS cell member, In charge admissions at university level, Member library purchase committee, Member Stall committee for SUPRAGNA, Incharge IoT lab, In charge Computer Center III, NBA criteria incharge Class teacher, counsellor
July 2020 To Aug 2025	Sr. Assistant Professor	Velagapudi Ramakrishna Siddhartha Engineering College	In charge admissions at university level, Member library purchase committee, Member Stall committee for

			SUPRAGNA, Incharge IoT lab, In charge Computer Center III, NBA criteria incharge Class teacher, counsellor
Jan 2009 To May 2020	Assistant professor	Velagapudi Ramakrishna Siddhartha Engineering College	Project Coordinator, Epics Coordinator, Mini Project Coordinator, Control Systems Lab In-Charge, Coordinator for Project Expo, Coordinator for product development team, NBA criteria incgarge, Class teacher, counsellor
Sep 2008 To Jan 2009	Assistant Professor	Raghu Institute of Technology	Class teacher for II/IV B.Tech Students, Student Counsellor
July 2005 To March 2006	Assistant Professor	Akula Gopayya College of Engineering	Control Systems lab in- charge,

Research Interests

Broad Area of Research :

Modelling of large scale systems, Artificial intelligence, Machine learning, embedded systems, Iot

Honors and Awards

- All India Gate Rank: 1704.
- IIITH Certified Mentor for Certification in Information technology.
- Best Paper award in IEEE International Conferenceon Intelligent Sustainable Systems (ICISS 2017), Palladam, TamilNadu, India, 7th -8th December 2017, pp. 572-575.
- NPTEL Discipline Star in Computer Science.
- Completed AICTE QIP PG certification program in Artificial Intelligence and Data Science conducted during Jun-2025 to Dec-2025 at IIIT Kottayam.

Courses Taught

S.No	Course Name	Level (UG/PG)
1.	• Microcontrollers	UG
2.	• Python Programming	UG
3.	• Machine Learning using Python	UG
4.	• Basic Electrical Engineering	UG

5.	• DC Machines	UG
6.	• Linear Control Systems	UG
7.	• Advanced Control Systems	UG
8.	• Electrical Measurements	UG
9.	• Network analysis-II	UG
10.	• Circuit theory	UG
11.	• Technology & Society	UG
12.	• Electrical Technology	UG
13.	• Design Thinking	UG
14.	• Modern Control theory	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=kW3bLMMAAAAJ&hl=en
Scopus	https://www.scopus.com/authid/detail.uri?authorId=56939028400
ORCID	https://orcid.org/0000-0003-1842-5018
Research Gate	https://www.researchgate.net/profile/Vamsi-Nuka
LinkedIn	https://www.linkedin.com/in/vamsi-krishna-94819719

Recognized Research Supervisor

S.No.	Department	University
01.	Electrical and Electronics Engineering	Siddhartha Academy of Higher Education Deemed to be University

Administrative Roles

S.No.	Role	Institution	Duration	Responsibilities
1	In charge Admissions	SAHE, Deemed to be university	2025-Present	Counselling the parents and assisting the Dean of Admissions in the process of the University Counselling procedure

Certifications/MOOC Courses Completed

S.No.	Title	Platform	Duration	Year
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1.	Problem solving using programming in C.	NPTEL	12 week	2025
2.	Python for Data science	NPTEL	4 week	2024
3.	Introduction to the Internet of Things	NPTEL	12 week	2024
4.	Data Science for Engineers	NPTEL	8 week	2024
5.	Joy of Computing using Python	NPTEL	12 week	2023
6.	Machine Learning for all	COURSERA	20 Hours	2021
7.	AI For Every One	COURSERA	6 Hours	2020
8.	Introduction to HTML	COURSERA	2 Hours	2020
9.	Python Programming: A Concise Introduction	COURSERA	18 Hours	2020
10.	Programming for Everybody	COURSERA	18 Hours	2020
11.	Build a Simple App in Android Studio with Java an online non-credit project authorized by Deprecated Guided Projects	COURSERA	1 hour	2020

Patents

S.No	Title	Status	Application No.	Year
1.	Streetlight Controller	Published	366947001	2022
2.	IoT Based Inauguration Curtain System and Method Employed Thereof	Published	202341030002	2023

Invited Talks

No. of Invited Talks	02
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Professional Development Activities - Participations

Faculty Development and Training Programmes (at least 5 Days)	17
International / National Level Seminars	4/0
International / National Level Conferences	02 / 13
Workshops	10

Instructor Led / Self-Paced Courses	05
Webinars	5

Professional Bodies Membership Details

S.No.	Membership No.	Society Name
1.	M-1817374	Institute of Engineers India

(Your Name & Signature with Date)
