



Dr. SATYAJEET SAHOO



Designation : Associate Professor
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Contact at : EC337, Department of Electronics and Communication Engineering, Siddhartha Academy of Higher Education, Kanuru, Vijayawada, Andhra Pradesh 520007.

Education

Ph. D (Nano Solid State Memories)

2019, VIT University, Chennai

M.Tech (VLSI Design)

2014, VIT University

B.Tech (Electronics and Communication Engineering)

2005, BPUT, Odisha

Experience

Period	Designation	Institution / Organization
2026-Till Date	Associate Professor	Siddhartha Academy of Higher Education, Vijayawada
Aug'2020-June'2026	Assistant Professor (SG)	Vignan University, Guntur, A.P
Jan'2016-Jan'2018	Project Associate	DAE, Kalpakkam
Oct'2019-Aug'2020	Assistant Professor	Aditya College of Engg. And Technology, Surampalem (A.P.)
Aug'2011-May'2012	Assistant Professor	SITE, Bhubaneswar(Odisha)
Jan'2009-May'2010	Lecturer	TITE, Bhubaneswar(Odisha)
Jan'2007-Jan'2009	Lecturer	CVRCE, Bhubaneswar (Odisha)

Research Interests

Broad Area of Research :

Nano Materials, Fabrication and Testing of Memristive Devices (Memristor) , Nano Devices (Fabrication, Characterization, Testing), Neuromorphic Computing, VLSI Design.

Honors and Awards

- Received “CERTIFICATE OF EXCELLENCE” awarded in recognition of outstanding performance in executing high quality research in the field of ECE for the years 2021,2022,2023,2025 in Vignan’s Foundation for Science, Technology and Research, Guntur, India.
- Best Paper presentation award in Physics of Advanced Materials-III at UGC-DAE CSR, Indore.
- Session Chair for IEEE CIRH-2021
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Courses Taught

- VLSI Design
- Analog IC Design
- Microchip Fabrication Technology
- Analog Electronics
- Testing of VLSI Circuits
- VLSI Testing and Validation
- Network Theory
- Control System

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&view_op=&user=2yt7bGUAAAAJ
Scopus	https://www.scopus.com/authid/detail.uri?authorId=57192720455
ORCID	0000-0001-9348-6019

Recognized Research Supervisor

S.No.	Department	University
1	ECE	Vignan University, Guntur, AP

Funded Research Projects

Completed	1 (Internal Funding by VFSTR)- 1.5Cr
On-going	

Applied	
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Consultancy / Industry Projects

Completed	
On-going	
Applied	

Patents

Granted	1
Published	1
Applied	

Invited Talks

No. of Invited Talks	
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Professional Service / Reviewer

- Applied Nanoscience (Springer)
- ECS Journal of Solid-State Science and Technology (IOP Science)
- Applied Surface Science (Elsevier)
- IET Circuits, Devices & Systems (Wiley)
- International Journal of Electronics
- Contrast Media and Molecular Imaging (Hindawi)
- Personal and Ubiquitous Computing (Springer) IEEE Access
- IEEE Transactions on Electron Devices

Professional Development Activities - Participations

Faculty Development and Training Programmes (at least 5 Days)	18
International / National Level Seminars	
International / National Level Conferences	16 / 00
Workshops	2
Instructor Led / Self-Paced Courses	0
Webinars	2

(Dr. Satyajeet Sahoo)
