

Dr. Gunnam Suryanarayana



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

Education

Ph. D (School of Electronics Engineering)

2016, VIT University, Vellore

M.Tech (Digital Electronics and Communication Systems)

2010, Jawaharlal Nehru Technological University, Kakinada

B.Tech (Electronics and Communications Engineering)

2008, Jawaharlal Nehru Technological University, Hyderabad

Experience

Period	Designation	Institution / Organization	Key Responsibilities
2021-Present	Associate Professor	Siddhartha Academy of Higher Education (Deemed to be University)	Teaching, Research, Consultancy, Funded Projects & Administration
2017-2021	Post Doctoral Fellow	Shanghai Jiao Tong University, China.	Research, Consultancy & Funded Projects
2016-2017	Associate Professor	K L University	Teaching & Research
2013-2016	Teaching Assistant	Vellore Institute of Technology	Research Associate and Teaching Assistant
2010-2013	Assistant Professor	Sri Prakash College of engineering	Teaching

Research Interests

Broad Area of Research:

- Super-resolution Imaging
- Data Fusion

- Hyperspectral and Multispectral Imaging
- Machine and Deep-Learning

Courses Taught

S.No	Course Name	Level (UG/PG)
1	Signals and Systems	UG
2	Advanced Linear Algebra	PG
3	Digital Image Processing and Feature Extraction	UG
4	Switching Theory and Logic Design	UG
5	Linear Control Systems	UG
6	Analog Circuit Analysis	UG
7	Data Compression	UG

Research Profile

Publications

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

Google Scholar	https://scholar.google.com/scholar?hl=en&as_sdt=0%2C5&q=suryanarayana+gunnam&btnG=
Scopus	https://www.scopus.com/authid/detail.uri?authorId=56511916500
ORCID	https://orcid.org/0000-0002-6160-1067
dblp	https://dblp.uni-trier.de/search?q=suryanarayana%20gunnam
Publons	https://publons.com/wos-op/researcher/1221079/gunnam-suryanarayana/
Research Gate	https://www.researchgate.net/profile/Gunnam-Suryanarayana
LinkedIn	https://www.linkedin.com/in/gunnam-suryanarayana-0a591b118/

Recognized Research Supervisor

S.No.	Department	University
01	Electronics and Communication Engineering	Siddhartha Academy of Higher Education (Deemed to be University), Vijayawada

Funded Research Projects

S.No.	Type	Title	Status	Funding Agency	Amount (INR)	Duration
01	Funded	Development of Compressive Sensing Techniques for SAR Image Reconstruction	On-Going	ISRO RESPOND	18,17,000	2 Years

Administrative Roles

S.No.	Role	Institution	Duration	Responsibilities
1	R&D Coordinator	SAHE	2023-Present	Encouraged faculty and student participation in research; improved research output; tracked project and funding opportunities.
2	Module Coordinator	SAHE	2022-Present	Coordinated curriculum planning and delivery for modules; ensured effective scheduling and uniformity in academic practices.
4	Incentive Coordinator	SAHE	2023-Present	Facilitated faculty awareness and submission of publication claims; streamlined incentive processing and reporting.
5	PBAS Review Committee	SAHE	2022-Present	Ensured timely collection and review of faculty appraisal forms; facilitated fair and transparent evaluation across departments.
6	Academic Audit Review Committee	SAHE	2021-2023	Reviewed academic and administrative processes; identified areas for improvement; contributed to internal quality enhancement.
7	Seed Grant Review Committee	SAHE	2021-2025	Evaluated internal seed grant proposals; ensured alignment with institutional research priorities; provided constructive feedback to improve research design and impact.

Consultancy / Industry Projects

Completed	01
On-going	00
Applied	02

Ph.D

Awarded	00
Guiding	01

Invited Talks

No. of Invited Talks	02
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Professional Service / Reviewer

- Reviewer in IEEE Transaction on Image Processing, IEEE
- Reviewer in IEEE Access, IEEE
- Reviewer in International Journal of Image and Graphics, World Scientific Publishers
- Reviewer in The Visual Computer, Springer
- Reviewer in Computers, Materials & Continua, Tech Science Press

Professional Development Activities - Participations

Faculty Development and Training Programmes (at least 5 Days)	10
International / National Level Seminars	02
International / National Level Conferences	09
Workshops	03
Webinars	05

Professional Bodies Membership Details

S.No.	Membership No.	Society Name
1.	17939	International Association of Engineers (IAENG)
2.	F-503404	The Institution of Electronics and Telecommunication Engineers (IETE)

(Dr. Gunnam Suryanarayana)
