

Prasanti Korapati



Designation : Assistant Professor
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Engineering, Velagapudi Ramakrishna Siddhartha
Engineering College, Kanuru, Vijayawada, Andhra Pradesh
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Education

Ph. D (Nano Gas Sensors, Department of Instrument Technology)

2025, Andhra University, Visakhapatnam

M.E (Electronics and Communication Engineering)

2009, Andhra University, Visakhapatnam

B. Tech (Electronics and Instrumentation Engineering)

2005, Jawaharlal Nehru Technological University, Hyderabad

Experience

Period	Designation	Institution / Organization	Key Responsibilities
2009- Till Date	Assistant Professor	Velagapudi Ramakrishna Siddhartha Engineering College	Curriculum design for UG, UG guidance, research publications, academic leadership, NBA/NAAC coordination. IIC coordinator

Research Interests

Broad Area of Research :

Nano Sensors, Embedded Systems

Honors and Awards

- NIL

Courses Taught

S.No	Course Name	Level (UG/PG)
1	Electronic Devices and Circuits	UG
2	Analog Electronics	UG
3	Electronic Circuit Analysis	UG
4	Pulse Circuits	UG
5	Electronic Measurement and Instrumentation	UG
6	Analytical Instrumentation	UG
7	Measurement and control in Food Processing	UG
8	Instrumentation and Control in Paper Industry	UG
9	Industrial Instrumentation	UG
10	Professional Ethics	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=nnyyY3YAAAAJ&hl=en
Scopus	https://www.scopus.com/authid/detail.uri?authorId=57202981836
ORCID	https://orcid.org/0000-0001-7522-340X
Publons	https://publons.com/researcher/HKD-9089-2023
Research Gate	https://www.researchgate.net/profile/Prasanti_Korapati
LinkedIn	https://www.linkedin.com/in/prasanti-korapati-3a21201b0/

Recognized Research Supervisor

S.No.	Department	University
01.	NIL	

Funded Research Projects

S.No.	Type	Title	Status	Funding Agency	Amount (INR)	Duration
01.	NIL					

Administrative Roles

S.No.	Role	Institution	Duration	Responsibilities
	NIL			

Certifications/MOOC Courses Completed

S.No.	Title	Platform	Duration	Year
1.	Digital Circuits	NPTEL	12 Weeks	2018
2.	Fabrication Techniques For Mems-Based Sensors _ Clinical Perspective	NPTEL	12 Weeks	2023

Consultancy / Industry Projects

Completed	NIL
On-going	NIL
Applied	NIL

Patents

S.No	Title	Status	Application No.	Year
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1.	Molybdenum Disulphide (MoS ₂) Films of Various Thicknesses Used to Detect Nitric Oxide (No) Gases	Published	2024410354 13	2024
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Ph.D

Awarded	NIL
Guiding	NIL

Invited Talks

No. of Invited Talks	02
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Professional Service / Reviewer

- Reviewer in Journal of Applied Physics A, Springer

Professional Development Activities - Participations

Faculty Development and Training Programmes (at least 5 Days)	15
International / National Level Seminars	04/ 03
International / National Level Conferences	08 / 00
Workshops	12
Instructor Led / Self-Paced Courses	10
Webinars	22

Professional Bodies Membership Details

S.No.	Membership No.	Society Name
1.	2649	ISOI
2.	150325	IAENG

(Dr. Prasanti Korapati)
