

Dr. G. Kishore Kumar



Designation : Associate Professor
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Contact at : Department of Electronics and Communication Engineering,
 Velagapudi Ramakrishna Siddhartha School of Engineering,
 SIDDHARTHA ACADEMY OF HIGHER EDUCATION
 (Deemed to be University)
 Kanuru, Vijayawada, Andhra Pradesh 520007.

Education

Ph. D (Electronics and Communication Engineering)

2022, Jawaharlal Nehru Technological University, Kakinada

M.Tech (Electronics and Communication Engineering)

2008, Jawaharlal Nehru Technological University, Hyderabad

B.Tech (Electronics and Communication Engineering)

2005, Jawaharlal Nehru Technological University, Hyderabad

Experience

Period	Designation	Institution / Organization	Key Responsibilities
2025 -	Associate Professor	SIDDHARTHA ACADEMY OF HIGHER EDUCATION	Curriculum design, Ph.D./PG guidance, research publications, VLSI Lab Incharge, NBA/NAAC coordination.
2014-2025	Assistant Professor	Velagapudi Ramakrishna Siddhartha Engineering College	Teaching, Research and Administrative duties
2010-2014	Assistant Professor	Shri Vishnu Engineering College for Women	Teaching, Research and Administrative duties

Research Interests

Broad Area of Research :

VLSI Signal Processing

Honors and Awards

- **2023 – Honorarium Award, 19th IEEE Asia Pacific Conference on Circuits and Systems (APCCAS 2023), Hyderabad.** Won the **FPGA Design Contest (International level)** – first time conducted in India. Recognized for the contribution “*FPGA-based Acceleration of Arrhythmia Detection*” in ECG signals. Received prize money of **INR 16,000.**
- **2022 – Best Paper Award, ICDCS 2022 Conference, Karunya University, Coimbatore.** Paper: “*Area Efficient 2D FIR Filter Architecture for Image Processing Applications.*”
- **2020 – Best Paper Award, ICACI 2020 Conference, GSSS Institute of Engineering and Technology for Women, Mysuru.** Paper: “*Efficient Haar Wavelet Transform for Detecting Saccades and Blinks in Real-Time EOG Signal.*”

Courses Taught

S.No	Course Name	Level (UG/PG)
1	VLSI Design	UG
2	Digital system Design using PLDs	UG
3	System Verilog for Verification	PG
4	Digital Circuit Design	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=H427ZlcAAAAJ&hl=en
Scopus	https://www.scopus.com/authid/detail.uri?authorId=57343897700
ORCID	https://orcid.org/0000-0003-4909-2287
Research Gate	https://www.researchgate.net/profile/Kishore-Gundugonti?ev=hdr_xprf
LinkedIn	https://www.linkedin.com/in/dr-g-kishore-kumar-4647693b/

Recognized Research Supervisor

S.No.	Department	University
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01.	Electronics and Communication Engineering	SIDDHARTHA ACADEMY OF HIGHER EDUCATION
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Funded Research Projects

S.No.	Type	Title	Status	Funding Agency	Amount (INR)	Duration
01	EDA Tools Support	C2S Project	On-Going	MeitY	One Crore	2025 to till C2S duration

Administrative Roles

S.No.	Role	Institution	Duration	Responsibilities
1	Assistant Controller	VRSEC	2014-Present	VLSI lab incharge

Certifications/MOOC Courses Completed

S.No.	Title	Platform	Duration	Year
1.	VLSI Design and Verificatio	NPTEL	12Weeks	2023
2.	CMOS Digital VLSI Design	NPTEL	12Weeks	2020

Consultancy / Industry Projects

Completed	03
On-going	00
Applied	00

Patents

S.No	Title	Status	Application No.	Year
Nil				

Ph.D

Awarded	00
Guiding	02

Invited Talks

No. of Invited Talks	05
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Professional Service / Reviewer

- Circuits, Systems, and Signal Processing
- IEEE Transactions on Circuits and Systems
- IET Computers & Digital Techniques
- International Journal of Circuit Theory and Applications
- International Journal of Electronics
- Soft Computing
- The Imaging Science Journal
- Wireless Personal Communications.

Professional Development Activities - Participations

Faculty Development and Training Programmes (at least 5 Days)	8
International / National Level Seminars	00 / 00
International / National Level Conferences	25 / 01
Workshops	12
Instructor Led / Self-Paced Courses	00
Webinars	16

Professional Bodies Membership Details

S.No.	Membership No.	Society Name
1.	223336	IETE



