

V B K L ARUNA



Designation : Assistant 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) (VLSI Signal Processing)

SRM Institute of Science and Technology, Chennai

M.Tech (Digital Electronics and Communication Systems)

2012, GMR Institute of Science and Technology, Jawaharlal Nehru Technological University, Kakinada

B.Tech (Electronics and Communications Engineering)

2008, Shri Vishnu Engineering College for Women, Jawaharlal Nehru Technological University, Hyderabad

Experience

Period	Designation	Institution / Organization	Key Responsibilities
2012-Present	Assistant Professor	Siddhartha Academy of Higher Education (Deemed to be University)	Teaching, Administration & Research
2010-2012	Assistant Professor	Vijaya Institute of Technology	Teaching & Research
2008-2010	Assistant Professor	GMR Institute of Science and Technology, Rajam	Teaching, Administration & Research
2008	Content Developer	SIS Infotech	Research

Research Interests

Broad Area of Research:

- VLSI Signal Processing
- Machine and Deep-Learning

Courses Taught

S.No	Course Name	Level (UG/PG)
1	VLSI Technology	UG
2	Data Communication	PG
3	Digital Integrated Circuits	UG
4	Switching Theory and Logic Design	UG
5	Analog Electronics	UG
6	Adhoc Networks	UG
7	Telecommunication Switching Systems	UG
8	Programming in C	UG
9	Problem Solving Using Python	UG
10	Parallel Processing	PG

Research Profile

Publications

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

Google Scholar	V B K L ARUNA - Google Scholar
Scopus	Aruna, Viswanadham Baby Koti Lakshmi - Author details - Scopus Preview
ORCID	Viswanadham B K L Aruna (0000-0001-7132-1643) - My ORCID
Research Gate	https://www.researchgate.net/search.Search.html?query=V+B+K+L+ARUNA&type=publication
LinkedIn	www.linkedin.com/in/aruna-viswanadham-bbb34736/

Administrative Roles

S.No.	Role	Institution	Duration	Responsibilities
1	Time Table Coordinator	SAHE	2015-2025	Alloting timetables, Program Electives and Open Electives
2	NPTEL Coordinator	SAHE	2013-Present	Coordinated with students to register in NPTEL /MOOCS courses according to curriculum planning
4	CMS/CampX Incharge	SAHE	2016-Present	Responsible for managing deparment's CMS portal, handling updates and ensuring proper functionality
5	MINOR/HO NOR Incharge	SAHE	2021-Present	Coordinate the students to register MINOR/HONOR course as per the regulations.
6	NBA/NAAC	SAHE	2013-Present	Co-ordinator for Faculty Development Programmes Participated by Faculty in Various Institutions
7	Women Grievance Cell	SAHE	2013-Present	Taking responsibility about complaints given by the girl students in the department and come u with solution

Professional Service / Reviewer

- Reviewer in Springer International Journal

Professional Development Activities - Participations

Faculty Development and Training Programmes (at least 5 Days)	15
International / National Level Seminars	05
International / National Level Conferences	20
Workshops	20

Professional Bodies Membership Details

S.No.	Membership No.	Society Name
1.	LM 71224	ISTE-Indian Society for Technical Education

(V B K L ARUNA)
