FACULTY PROFILE

Name of the Faculty:	**Yarlagadda Sruthi**
Designation:	**Assistant Professor**
Department:	**Electronics and Communication Engineering**
Date of Birth:	**30-03-1990**

AICTE – ID:	**1-2323653339**

Education	• B. Tech in ECE from JNTUK, Chirala Engineering College in 2011. • M. Tech in VLSI & ES Specialization from JNTUK, Chirala Engineering College 2013. • PhD (ECE-VLSI & IoT) pursuing from Puducherry Technological University, Puducherry

Experience	Teaching: 8 Years	Industry: ____Years	**Total: 8 Years**
	Research: ____Years	Others: ____Years	

Research Specialization	VLSI DESIGN

Courses taught	1. Microprocessor & Microcontroller 2. Verilog HDL 3. VLSI Design 4. Embedded System 5. Digital Electronics

Research contributions

International/national peer reviewed journals

S. No.	Title of paper	Journal	Year	Volume	pages	Google scholar
1	Implementation of 8x8 Vedic Multiplier using CMOS Technology	IJAEM	2021	10	01-05	
2	Touch Controlled Home Appliances Based on Arm and Zigbee	IJETT	2013	6	7	
3	IOT AND LORA BASED MINING WORKER SAFETY SECURITY SYSTEM	JNAO	2024	15	7	
4	Integrated vehicle monitoring and control system with remote interaction	JNAO	2024	15	7	

Books published

S. No.	Title of the book	Publisher	year
1			

Book chapters Published

S.No.	Title of the Chapter	Book title	Publisher	year
1				

Details of Patents (Filed & Granted)				
S. No.	Applications number	Title of the patent	Date of filing/publishing	Published/granted
1	202341087939A	Low-Cost Edge Device for sensing fuel fraud at POS using IOT	22/12/2023	Published on 12/01/2024

Details of Conferences/FDPs/STTPs/webinars/Workshops Organized

S.No.	Name of the event	Role	Dates
1	Seminar on Importance of Engineering Education for Women in INDIA	Coordinator	24/6/2021-25/6/2021
2	Workshop on Custom IC Design using Mentor EDA Tools	Coordinator	16/4/2018 to 17/4/2018

Details of Conferences/FDPs/STTPs/webinars/Workshops Participated

S.No.	Name of the event	Organized by	Dates
1	FDP cum workshop on Digital Design Prototyping using FPGA	Sastra University, Thanjavur	3/6/2024 to 8/6/2024
2	International Conference on Research Trends in Computing and Communication Engineering	SIMATS School of Engineering, Chennai	23/3/2024
3	FDP on Cloud Infrastructure (AWS)	KG REDDY COLLEGE OF ENGINEERING & TECHNOLOGY	21-8-2023 to 25/8/2023
4	FDP on Data Science and Its Applications	Bapatla Engineering College	7/8/2023 to 9/8/2023
5	FDP on Outcome based Curriculum Design	NITTTR, Chandigarh	5/9/2022 to 9/9/2022
6	Nano sensors & amp; Devices, NITTR	NITTTR, Chandigarh	22-8-2022 to 26-8-22
7	Applications of DL Techniques to 5G and Beyond 5G Wireless Communication Technologies	Bapatla Engineering College	19-9-2022 to 21-9-22
8	Machine Learning and IOT Hardware Integration Using MATLAB	VR Siddhartha Engineering College, Vijayawada,	29 - 30 March 2021
9	EMBEDDEDSYSTEMS ANDIOT	LBRC, Vijayawada	11/02/2019 to 15/02/2019
10	One day Workshop on SCILAB BY IIT Bombay	RVRJC, Guntur	4/5/2019
11	AIML	VIT, AP	22/6/19to 23/06/19
12	Sensor Networks, Internet of Things and Internet of Everything	St. Martins Engineering College, Secunderbad	17th May 2021 to 22nd May 2021.

Awards/recognitions/achievements

S.No.	Name of the Award	Awarding body/Society/Organization	Year
1			

Details of project proposals submitted/sanctioned/completed

S.No.	Title of the Project	Funding body	Submitted/ Sanctioned/ Completed	Amount	Year/ duration

Consultancy contribution

S.No.	Year	Amount	Details
1			

Student Project/research guidance

S.No	Level	Total number	
1	UG	Completed: 16	Ongoing:
2	PG	Completed:	Ongoing:
3	PhD	Completed:	Ongoing:

Administrative experience

S.No.	Role	Duration (From – to)
1	NAAC Criteria-3 Member	2022-2023
2	Department Library In charge	2019-2022
3	NSS Program Officer	2021-2023
4	NBA Criteria-3 Member	2023-24

Research credentials

Index/database	ID/Link
Google Scholar	
SCOPUS	
Web of Science	
Vidwan ID	

Any other relevant information

Y. Sruthi

15-07-24