



ANNAMACHARYA UNIVERSITY

EXCELLENCE IN EDUCATION; SERVICE TO SOCIETY
(ESTD, UNDER AP PRIVATE UNIVERSITIES (ESTABLISHMENT AND REGULATION) ACT,
2016)

Rajampet, Annamayya District, A.P – 516126, INDIA

Faculty Profile

Basic Information:

NAME : Jala Himabindhu
DESIGNATION : Assistant Professor
DEPARTMENT : ECE
DATE OF BIRTH : 09-10-1993
DATE OF JOINING : 11-06-2018
EMAIL ID : himabindhu780@gmail.com
EMPLOYEE ID : 1324



Academic Profile:

Qualification	Name of the Board/University	YEAR
Ph. D	Annamacharya University	pursuing
M.Tech	JNTUA, Anantapur	2017
B. Tech	SKUCET, Anantapur	2015

Research Details:

1. Areas of Specialization	:	VLSISD
2. No. of Publications	:	10
3. Awards Received	:	Nil
4. Research Guidance		
	No. of PhD Guided:	-
	No. of MTech. Guided:	-
	No. of B.Tech. Guided:	10
5. Details of Professional Membership:		IFERP
6. Subjects Taught	:	Microwave Engineering Optical fiber Communications Antennas and Wave Propagation Radar Engineering Wireless communications and networks Analog Electronics



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	Signals and Systems Basic Electrical and Electronics Engineering Electronic devices and Circuits Control Systems Satellite Communications
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Publication Details:

Title	Publisher	Published Year
Enhancing Remote Sensing Image Quality with Advanced ADMM-Based Stripe Noise Removal	IEEE	2025
Implementation Of High Speed DDR3 SDRAM Memory Controller by Using XILINX Software	SPRINGER	2024
Enhanced Encut with Extended RWRT for Image Segmentation	UGC	2024
Design And Implementation of An Adiabatic Logic Based Computation Subsystem with Extremely Low Power Consumption	UGC	2022
Low-Power Retentive True Single Phase Clocked (TSPC) D-Flip-Flop with Redundant Precharge Free Operation	UGC	2022
Color Image Segmentation Using Super Pixel-Based Fast FCM	SPRINGER	2021
A Novel Technique for Authentication Using ECG	UGC	2021
Liquid Rescaling for Content Aware Image Resizing	UGC	2020
Implementation Of Matrix-Vector Multiplication Method on FPGA Using Xilinx System Generator	UGC	2019



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Patent Details:

Title of Patent	Submitted/Published/Awarded
Nil	