**ANNAMACHARYA UNIVERSITY FACULTY DETAILS FOR WEBSITE**

**About Profile**

NAME: Mrs. JALA HIMABINDHU



PHOTO

DATE OF BIRTH: 09-10-1993

DESIGNATION: ASSISTANT PROFESSOR

DEPARTMENT: ECE

EMAIL ID: himabindhu780@gmail.com

DATE OF JOINING:11-06-2018

EMPLOYEE ID: AITS041045

## Academic Profile

| **Qualification** | **Name of the Board/University** | **YEAR** |
| --- | --- | --- |
| **Ph.D** | **Annamacharya University** | **Pursuing** |
| **M.Tech(VLSISD)** | **Annamacharya Institute of**  **Technology and Sciences, Kadapa (affiliated to JTNUA)** | **2017** |
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## Research Details

1. Areas of Specialization: **VLSISD**
2. List of Publications: **9**
3. Awards Received :
4. Research Guidance:
5. No. of PhD Guided:
6. No. of M.Tech Guided:
7. No. of B.Tech Guided:**10**
8. Details of Professional Membership:**IFERP**
9. Subjects Taught:

**Optical Fibre Communications**

**Analog Circuits**

**Antennas and Wave Propagation**

**Wireless Communications & Networks**

**Microwave Engineering**

**Radar Engineering**

**Basic Electrical and Electronics Engineering**

**Electronic Devices and Circuits**

**Signals and Systems**

**Control Systems**

**Hardware description Language**

## 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 |

## Patent Details

| **Sno.** | **Title of Patent** | **Submitted/Published/Awarded** |
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