ANNAMACHARYA UNIVERSITY

About Profile

NAME: **P. HARI OBULESU**

DATE OF BIRTH: **15-05-1991**

DESIGNATION: **Associate Professor**

DEPARTMENT: **ECE**

EMAIL ID: p.hariobulesu@gmail.com,

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DATE OF JOINING: **12-07-2023**

EMPLOYEE ID: **AITS041063**

Academic Profile

Qualification	Name of the Board/University	YEAR
Ph. D.	JNTU, Anantapur	Pursuing
M. Tech. - DECS	JNTU, Hyderabad	2015
B. Tech. - ECE	JNTU, Anantapur	2013

Research Details

1. Areas of Specialization: Digital Image Processing, Bio-Medical Image Processing,

2. List of Publications : **16** (Journals: 05, Conferences: 10, Book Chapters: 01)

3. Awards Received : **00**

4. Research Guidance :

    A). No. of Ph. D. Guided : **00**

    B). No. of M. Tech Guided : **02**

    C). No. of B. Tech. Guided : **15**

5. Details of Professional Membership:

    A). MIAENG

6. Subjects Taught:

Electromagnetic Waves and Transmission Lines, Antenna and Wave Propagation, Digital Logic Design, Linear IC Applications, Digital Electronics and Microprocessors, Basic Electrical and Electronics Engineering, Probability Theory and Stochastic Processes

Publication Details

S. No.	Title	Publisher	Published Year
1.	Enhanced multi-grade diabetic retinopathy detection and classification via ensembled deep learning model from retinal fundus image	Elsevier	2025

2.	Speckle Reduction for the SAR Images Using an Improved Truncated Variational Method—Based Array	Springer Nature	2025
3.	Design and Development of Fossil Image Segmentation System Using Hybrid Evolutionary Algorithms	Springer Nature	2025
4.	Dynamic AP-UE Association and Power Allocation in Sparse LSFD for Energy-Constrained Networks	IEEE	2025
5.	Design and Development of Fossil Image Segmentation System Using Hybrid Evolutionary Algorithms	Springer Nature	2025
6.	Minimization of image surface curvatures via image reconstruction using discrete mean and Gaussian curvature	Springer Nature	2025
7.	Exploring the Landscape of Diabetic Retinopathy Diagnosis: Insights from Extensive Literature Review and Preliminary Fundus Image Analysis	IEEE	2024
8.	Extreme Learning Machine (ELM) Algorithm for the Detection of Diabetic Retinopathy	IEEE	2024
9.	Pilot Allocation in channel estimation for MIMO OFDM System using Haar Wavelet Transform	IJSDR	2022
10.	A Noval Architecture for optimized MBIST using March Algorithm	IJESGR	2019