

ANNAMACHARYA UNIVERSITY

About Profile



NAME: Mrs Tejaswi Murarraysetty

DATE OF BIRTH: 08-07-1985

DESIGNATION: Assistant Professor

DEPARTMENT: ECE

EMAIL ID: tejaswi.mt2530@gmail.com

DATE OF JOINING: 20-12-2021

EMPLOYEE ID: AITS041051

Academic Profile

Qualification	Name of the Board/University	YEAR
M.Tech(DECS)	Annamacharya Institute of Technology and Sciences, Rajampet (affiliated to JTNUA)	2012

Research Details

1. Areas of Specialization: **M. Tech (DECS)**
2. List of Publications: **8**
3. Awards Received:
4. Research Guidance:
 - A) No. of PhD Guided:
 - B) No. of M. Tech Guided:
 - C) No. of B. Tech Guided: **5**
5. Details of Professional Membership: **IFERP**
6. Subjects Taught:
Switching Theory and Logic Design,
Pulse and Digital Circuits.
Advanced Digital design Concepts,
Microprocessor and Interfacing.
Basic Electrical and Electronics Engineering
Electronic Devices and Circuits,
Communication systems
Digital logic design
Microwave Engineering
Digital Image Processing
Control system

Publication Details

Title	Publisher	Published Year
Minimization of image surface curvatures via image reconstruction using discrete mean and Gaussian curvature	Springer	2025
Speckle Reduction for the SAR Images Using an Improved Truncated Variational Method—Based Array	Springer	2025
Precise Detection of Vitiligo Using Deep Learning Methodology	IEEE	2025
Essential Security Features for developing a secure computer telecommunication Network	UGC	2024

DESIGN AND IMPLEMENTATION OF ALU USING GDI WITH CLOCK GATING TECHNIQUE	UGC	2022
Optimizing MRI Image Analysis for Brain Tumor Detection: A GLCM-Enabled U-Net Approach	UGC	2022
Additive White Gaussian Noise estimation in SVD Domain for single images	UGC	2018
Automatic Road and Vegetation Extraction Using High Resolution Satellite Images with an improving Accuracy	UGC	2014

Patent Details

Sno.	Title of Patent	Submitted/Published/Awarded