

ANNAMACHARYA UNIVERSITY

About Profile



NAME: **Dr. M.VENKATA DASU**

DATE OF BIRTH: **01-07-1982**

DESIGNATION: **Assistant Professor**

DEPARTMENT: **ECE**

EMAIL ID: dassmarri@gmail.com,

mvd@aitsrajampet.ac.in

DATE OF JOINING: **06-12-2007**

EMPLOYEE ID: **AIMS041010**

Academic Profile

Qualification	Name of the Board/University	YEAR
Ph.D	JNTUA, Ananthapuramu	2023
M.Tech	JNTU, Hyderabad	2008
B.Tech	JNTU, Hyderabad	2004

Research Details

1. Areas of Specialization: Remote Sensing, Biomedical Image Processing, Signal Processing

2. List of Publications: 59

Journals: 31, International Conferences: 20,
National Conferences: 08.

3. Awards Received: NIL

4. Research Guidance:

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

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

C) No. of B.Tech Guided: **38**

5. Details of Professional Membership:

ISTE - LM137452

6. Subjects Taught:

Electronic Devices and circuits, Signals and Systems, Digital Logic Design, Electronic Circuit Analysis, Pulse and Digital circuits, Linear IC Applications, Analog Communication, Communication Systems, Digital Communication, Digital Signal Processing, Microwave Engineering, Radar Engineering, Digital Image Processing, Cellular and Mobile Communication.

Publication Details

S.No.	Title	Publisher	Published Year
1.	Deep Learning Based Approach for the Detection of Diabetic Retinopathy and Glaucoma	Springer	2005
2.	Brain Tumour Segmentation in Multimodal MRI via Pixel-Level and Feature-Level Image Fusions	Springer	2005
3.	Cardiac Diagnosis System For Heart Diseases Classification Based on Deep Learning and Optimization Strategies Using ECG Signals	IEEE	2005
4.	DANNET: deep attention neural network for efficient ear identification in biometrics	San Diego CA: PeerJ Inc	2024
5.	An automatic diagnostic model for the detection and classification of cardiovascular diseases based on swarm intelligence technique	Cell Press	2024
6.	Classification of Alzheimer Disease using Machine Learning Algorithm	IEEE	2024
7.	An Automatic Detection of Retinal Lesions for Screening of Diabetic Retinopathy	Springer	2024
8.	An Improved Image Descriptor for Image Classification and CBIR Applications	Springer	2024
9.	An Unsupervised Spectral-Spatial Feature Extraction Method for Hyperspectral Image Classification	Springer	2024
10.	Deep concatenated features with improved heuristic based recurrent neural network for hyperspectral image classification	Springer	2023
11.	Detecting the Clouds and Determining the Weather Condition and Coverage Area of Cloud Simultaneously Using CNN	Springer	2023
12.	Fast Fog Removal Technique Using Multiple Exposure Image Fusion	Swets & Zeitlinger	2021
13.	High Speed, Low Power Radix-4 Booth Multiplier	Swets & Zeitlinger	2021
14.	Robust Algorithm for Segmentation of Left Ventricle in Cardiac MRI	Springer	2020

Patent Details

S. No.	Title of Patent	Submitted/Published /Awarded
1.	Artificial Intelligence Based Medical Device for Measuring Bodily Fluid in Neontes.	Published
2.	Computer Implemented Method and System for Processing Qualitative Imaging to Detect and Forecast Abnormalities	Published

