Faculty Profile

Basic Information:

NAME	:	**Dr. M.VENKATA DASU**
DESIGNATION	:	**Assistant Professor**
DEPARTMENT	:	**ECE**
DATE OF BIRTH	:	**01-07-1982**
DATE OF JOINING	:	**06-12-2007**
EMAIL ID	:	dassmarri@gmail.com mvd@aitsrajampet.ac.in
EMPLOYEE ID	:	**65**

Academic Profile:

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

Research Details:

1. Areas of Specialization	:	Digital Image Processing, Bio-Medical Image Processing, Signal Processing
2. No. of Publications	:	**59** Journals: **31** International Conferences: **20** National Conferences: **08** Books: **01**
3. Awards Received	:	**NIL**
4. Research Guidance		
	No. of Ph.D Guided :	**04** (Guiding)
	No. of M.Tech. Guided :	**15**
	No. of B.Tech. Guided :	**38**
5. Details of Professional Membership	:	1. MISTE (New Delhi, India) - LM 137452

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:

Title	Publisher	Published Year
Deep Learning Based Approach for the Detection of Diabetic Retinopathy and Glaucoma	Springer	2005
Brain Tumour Segmentation in Multimodal MRI via Pixel-Level and Feature-Level Image Fusions	Springer	2005
Cardiac Diagnosis System For Heart Diseases Classification Based on Deep Learning and Optimization Strategies Using ECG Signals	IEEE	2005
DANNET: deep attention neural network for efficient ear identification in biometrics	San Diego CA: PeerJ Inc	2024
An automatic diagnostic model for the detection and classification of cardiovascular diseases based on swarm intelligence technique	Cell Press	2024
Classification of Alzheimer Disease using Machine Learning Algorithm	IEEE	2024
An Automatic Detection of Retinal Lesions for Screening of Diabetic Retinopathy	Springer	2024
An Improved Image Descriptor for Image Classification and CBIR Applications	Springer	2024
An Unsupervised Spectral-Spatial Feature Extraction Method for Hyperspectral Image Classification	Springer	2024
Deep concatenated features with improved heuristic based recurrent neural network for hyperspectral image classification	Springer	2023
Detecting the Clouds and Determining the Weather Condition and Coverage Area of Cloud Simultaneously Using CNN	Springer	2023
Fast Fog Removal Technique Using Multiple Exposure Image Fusion	Swets & Zeitlinger	2021
High Speed, Low Power Radix-4 Booth Multiplier	Swets & Zeitlinger	2021

Robust Algorithm for Segmentation of Left Ventricle in Cardiac MRI	Springer	2020

Patent Details:

Title of Patent	Submitted/Published/Awarded
Artificial Intelligence Based Medical Device for Measuring Bodily Fluid in Neontes.	Published
Computer Implemented Method and System for Processing Qualitative Imaging to Detect and Forecast Abnormalities	Published