ANNAMACHARYA UNIVERSITY

About Profile

NAME: **Dr.C.VENKATESH**

DATE OF BIRTH: **26-06-1986**

DESIGNATION: **Associate Professor**

DEPARTMENT: **ECE**

EMAIL ID: venky.cc@gmail.com, cvs@aitsrajampet.ac.in

DATE OF JOINING: **18-06-2008**

EMPLOYEE ID: **AITS041016**

Academic Profile

Qualification	Name of the Board/University	YEAR
Ph.D	KL University, Vijayawada	2022
M.Tech	JNTU, Anantapur	2013
B.Tech	JNTU, Hyderabad,	2007

Research Details

1. Areas of Specialization: Digital Image Processing, Bio-Medical Image Processing, Embedded Systems, Internet of Things

2. List of Publications: 127
Journals: 58, International Conferences: 38,
National Conferences: 25, Books: 06

3. Awards Received: 02

- Best Paper Award – WARSE Conference at Pune-2016
- Outstanding Contribution Award – TechFluent, Hyderabad

4. Research Guidance:

A) No. of Ph.D Guided: **03** (Guiding)
B) No. of M.Tech Guided: **05**
C) No. of B.Tech Guided: **34**

5. Details of Professional Membership:

1. MISTE (New Delhi, India) - LM 88355
2. AMIE (Kolkata) - AM1504668
3. AICTSD - AICTSD/PROFESSOR/00434
4. IFERP - PMIN19025347
5. IACSIT, Singapore - 80341777
6. IAENG, Hong Kong - 113630

6. Subjects Taught:

Digital Image Processing, Satellite Communications, Cellular & Mobile Communication, Analog Communication, Digital Communication, Communication systems, Radar Engineering, Microwave Engineering, Linear IC applications, Analog Electronic circuits, Electronic Devices and circuits, Electronic circuits and analysis, Pulse and digital circuits, Digital and Data communications, Embedded System Concepts, Embedded Software Design

Publication Details

S.No.	Title	Publisher	Published Year
1.	An AI-Powered Diagnostic Model for Detection of Lung and Liver Cancer	Springer	2025
2.	Development of IoT Multilingual Voice Controlled Home Automation System	Springer	2025
3.	Advances in real time smart monitoring of environmental parameters using IoT and sensor	Elesvier	2024
4.	An automatic diagnostic model for the detection and classification of cardiovascular diseases based on swarm intelligence technique	Elesvier	2024
5.	A hybrid model for lung cancer prediction using patch processing and deep learning on CT images	Springer	2023
6.	A Neural Network and Optimization Based Lung Cancer Detection System in CT Images	Frontiers	2022
7.	A Dynamic Optimization and Deep Learning Technique for Detection of Lung Cancer in CT Images and Data Access through Internet of Things	Springer	2022
8.	IoT Based Lung Cancer Detection Using Machine Learning and Cuckoo Search Optimization	Emerald Publication	2021
9.	An Efficient Method for Detection and Classification of Pulmonary Neoplasm based on Deep Learning Technique	BioAxis DNA Research Centre	2021
10.	Fuzzy-neurologic in segmentation of MRI images	IEEE	2012
11.	Neuro-fuzzy system for medical image processing	IEEE	2010

Patent Details

S. No.	Title of Patent	Submitted/Published /Awarded
1.	Computer Implemented Method and System for Processing Qualitative Imaging to Detect and Forecast Abnormalities	Published
2.	Deep Learning Strategies for Forecasting Student Dropout and Academic Excellence in Higher Education	Published
3.	Machine Learning Approaches for Predicting Teachers' Stress, Teaching Approaches, and Student Academic Outcomes in Higher Education	Published
4.	Cybercrime Detection and Prevention Using Automated Machine Learning in IoT Forensics	Published
5.	Implementation of AI in Agriculture Through Machine Learning and IoT for Advanced Plant Disease Detection	Published