**ANNAMACHARYA UNIVERSITY FACULTY DETAILS FOR WEBSITE**

**About Profile**



NAME: **Dr.C.VENKATESH**

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

DESIGNATION: **Associate Professor**

DEPARTMENT: **ECE**

EMAIL ID: [venky.cc@gmail.com](mailto:venky.cc@gmail.com), [cvs@aitsrajampet.ac.in](mailto: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

1. **List of Publications**: 127

Journals: 58, International Conferences: 38,

National Conferences: 25, Books: 06

1. **Awards Received**: 02

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

1. **Research Guidance:**
2. No. of Ph.D Guided: **03** (Guiding)
3. No. of M.Tech Guided: **05**
4. No. of B.Tech Guided: **34**
5. **Details of Professional Membership:**
6. MISTE (New Delhi, India) - LM 88355
7. AMIE (Kolkata) - AM1504668
8. AICTSD - AICTSD/PROFESSOR/00434
9. IFERP - PMIN19025347
10. IACSIT, Singapore - 80341777
11. IAENG, Hong Kong - 113630
12. **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** |
|  | An AI-Powered Diagnostic Model for Detection of Lung and Liver Cancer | Springer | 2025 |
|  | Development of IoT Multilingual Voice Controlled Home Automation System | Springer | 2025 |
|  | Advances in real time smart monitoring of environmental parameters using IoT and sensor | Elesvier | 2024 |
|  | An automatic diagnostic model for the detection and classification of cardiovascular diseases based on swarm intelligence technique | Elesvier | 2024 |
|  | A hybrid model for lung cancer prediction using patch processing and deep learning on CT images | Springer | 2023 |
|  | A Neural Network and Optimization Based Lung Cancer Detection System in CT Images | Frontiers | 2022 |
|  | A Dynamic Optimization and Deep Learning Technique for Detection of Lung Cancer in CT Images and Data Access through Internet of Things | Springer | 2022 |
|  | IoT Based Lung Cancer Detection Using Machine Learning and Cuckoo Search Optimization | Emerald Publication | 2021 |
|  | An Efficient Method for Detection and Classification of Pulmonary Neoplasm based on Deep Learning Technique | BioAxis DNA Research Centre | 2021 |
|  | Fuzzy-neurologic in segmentation of MRI images | IEEE | 2012 |
|  | Neuro-fuzzy system for medical image processing | IEEE | 2010 |

## Patent Details

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