**ANNAMACHARYA UNIVERSITY FACULTY DETAILS FOR WEBSITE**

**About Profile**



PHOTO

NAME: M RAVI KISHORE

DATE OF BIRTH: 10/08/1982

DESIGNATION: Assistant Professor

DEPARTMENT: ECE

EMAIL ID: [mrks@aitsrajampet.ac.in](mailto:mrks@aitsrajampet.ac.in)

DATE OF JOINING:15/09/2008

EMPLOYEE ID:66

## Academic Profile

| **Qualification** | **Name of the Board/University** | **YEAR** |
| --- | --- | --- |
| **M.Tech** | **JNTUA** | **2009** |
| **B.Tech** | **SVU** | **2004** |
| **INTER** | **BIE** | **1999** |
| **SSC** | **BSE** | **1997** |

## Research Details

1. Areas of Specialization: DECS
2. List of Publications:21
3. Awards Received:
4. Research Guidance:
5. No. of PhD Guided:
6. No. of M. Tech Guided:
7. No. of B.Tech Guided:
8. Details of Professional Membership: IFREP, IEEE
9. Subjects Taught: SS, STLD, DLD, AC, ADC, DC,

DDC, LICA, ICA, CS, LCS, DSP, WCN,

CT&T, HSN, ADSP, WC

## Publication Details:

|  |  |  |  |
| --- | --- | --- | --- |
| S. No | Title of the paper | Name of the Journal | Year of publication |
| 1 | Detection of Skin Disease Using Convolution Neural Network | **Cognitive Science and Technology** | 2025 |
| 2 | Multi-modal Medical Novel Image Fusion by Using DTNP Systems | **Cognitive Science and Technology** | 2025 |
| 3 | Automatic Segmentation of Retinal Blood Vessel Using the Homomorphic Filter and Multilevel Algorithm | **Cognitive Science and Technology** | 2025 |
| 4 | Programmable Wireless World with Reconfigurable Intelligent Surfaces for High Speed and Low Noise Data Transmission | **Cognitive Science and Technology**  **volume-2** | 2025 |
| 5 | Algorithmic Insights into-predicting Hypertension using Health data in cloud-based environments | Intelligent Systems and Application in Engineering | 2024 |
| 6 | Image Enhancement with Rope Method | **Lecture Notes in Electrical Engineering** | 2024 |
| 7 | Design of QCA-Based 2 to 1 Multiplexer | Lecture Notes in Electrical Engineering | 2023 |
| 8 | Contourlet Transformed Image Fusion Based on Focused Pixels | **Advances in Cognitive Science and Communications** | 2023 |
| 9 | An Effective CNN Method Using Multi-SVM Process for Brain Tumor Segmentation and Detection from MR Images | Lecture Notes in Electrical Engineering | 2023 |
| 10 | Novel Method for the Segmentation of Brain Images Using the Fcm Clustering Approach as Well as Rough Set | Studies in Computational Intelligence | 2022 |
| 11 | Image Segmentation Using Distance Regularized Level Set Evolution Method | International Journal of Engineering Research | 2019, |
| 12 | Image Reconstruction using Discrete Fourier Slice Theorem | International Journal of Engineering Research | 2019 |
| 13 | Analysis of CMOS 45nm Transmission Gate Based Pulsed Latch | International Journal of Advanced Trends in Engineering, Science and Technology | 2021 |
| 14 | Detection And Segmentation of Lung Cancer on Ct Images by Using Fractional Calculus | IJIRT | 2017 |
| 15 | Machine Learning Algorithm for Digital Image Forgeries by Illumination Color Classification | International Journal of Innovative Research in Electronics and Communications | 2015 |
| 16 | Color Image Enhancement Using Adaptive Sigmoid Function With Bi Histogram Equalization | INTERNATIONAL JOURNAL OF ENGINEERING AND TECCHNOLOGY | 2015 |
| 17 | **Cringing Interpolation Technique Bases Image Inpainting** | INTERNATIONAL JOURNAL OF ENGINEERING & SCIENCE RESEARCH | 2014 |
| 18 | NOVEL IMAGE FUSION TECHNIQUE BASED ON DWT &MVSD | International Journal on Recent and Innovation Trends in Computing and Communication | 2014 |
| 19 | **To reduce the energy consumption in wireless sensor networks by using Selective message forwarding schemes** | international journal of Innovative technology and exploring engineering | 2012 |
| 20 | **Performance evaluation of Image Enhancement using Histogram based Image Segmentation** | International journal in engineering science and technology | 2011 |

## Patent Details

| **Sno.** | **Title of Patent** | **Submitted/Published/Awarded** |
| --- | --- | --- |
| 1 | COMPUTER AUTOMATED METHOD FOR DETECTION OF BRAIN TUMOR | Submitted: 2019-03-15 |
| 2 | METHOD FOR ANALYZING THE WEATHER MONITORING AND NOTIFICATION SYSTEM | Submitted: 2020-06-03 |