**ANNAMACHARYA UNIVERSITY FACULTY DETAILS FOR WEBSITE**

**About Profile**

NAME: Dr.T.Harikrishna

DATE OF BIRTH: 02-06-1977

DESIGNATION: Associate Professor & HOD

DEPARTMENT:AI&ML

EMAIL ID:thk@aitsrajampet.ac.in

DATE OF JOINING:14-06-2004

EMPLOYEE AITS AIML0108

## Academic Profile

| **Qualification** | **Name of the Board/University** | **YEAR** |
| --- | --- | --- |
| **Ph.D(Computer Science and Engineering)** | **Rayalaseema university** | **2019** |
| M.Tech | **Sathyabama university** | **2007** |
| **B.Tech** | **JNTU,Hyderabad** | **2003** |
| **Diploma** | **S.B.T.E.Hyderabad** | **1998** |
| **S.S.C** | **Board of secondary education** | **1992** |

## Research Details

1. Areas of Specialization:Computer Networks ,AI & ML

2. List of Publications:

3. Awards Received :

1. Research Guidance:
2. No. of PhD Guided:
3. No. of M.Tech Guided:
4. No. of B.Tech Guided:23
5. Details of Professional Membership: M.C.S.I

5. Subjects Taught:

1. Computer Networks

2. Cloud computing

3. Mobile and internet computing.

4. Augmented reality

5. Virtual reality

6. Java programming

7. Web programming

8. Software Engineering

9. Software testing Methodologies

10. Software project management

11. Scripting languages

12. Design patterns

13. Distributed systems

14. Machine learning

15. Human computer Interaction

16. Computer System Architecture

17. Real-time systems

18. Management Information Systems

19. Computer organization

20. Advanced data structure and algorithms

## Publication Details

|  |  |  |
| --- | --- | --- |
| **Title** | **Publisher** | **Published Year** |
| GeoAgriiGuard: AI‑Driven Pest and Disease Management with Remote  Sensing for Global Food Security | Remote sensing in Earth Systems and Sciences | 2025 |
| Robust Heart Disease Prediction: A Hybrid Approach to Feature Selection and Model Building | IEEE | 2025 |
| Hybrid Machine Learning for Cardiovascular Risk Assessment  in Obstructive Sleep Apnea Patients | IEEE | 2025 |
| Soft Computing based Implementation of  Autonomous Drone Vehicle using Fuzzy Logic  based Control Systems | Scopus | 2024 |
| Predict Customer Churn through Customer Behaviour using Machine Learning Algorithms | International Research Journal on Advanced Science Hub | 2023 |
| Using a Hybrid Model of Machine Learning Algorithms for Efficient  Cardiovascular illness Prediction | International Research Journal on Advanced Science Hub | 2023 |
| Verifiable and Multi-Keyword Searchable Attribute-based  Encryption Scheme for Cloud Storage | Journal of Interdisciplinary Cycle Research | 2020 |
| Dynamic Queue Management for Optimized Qos in Manets | INTERNATIONAL JOURNAL OF SCIENTIFIC & TECHNOLOGY RESEARCH VOLUME 8, ISSUE 12, DECEMBER 2019 | 2019 |
| Evaluation of Selected Tree- and Mesh-Based Routing Protocols | Springer(Scopus0 | 2018 |
| n the design issues of Routing Protocols for MANET’s”, | International Journal of Advanced Scientific Technologies in Engineering and Management Sciences ( | 2017 |
| Cluster-Based Routing Protocol for Delay-Tolerant Mobile Networks” | International conference | 2013 |

## Patent Details

| **Sno.** | **Title of Patent** | **Submitted/Published/Awarded** |
| --- | --- | --- |
| 1 | Intelligent code optimization using machine learning in software development | Published |
| **2** | An Artificial Intelligence Enabled Cryptography based financial Analytical tool | Published |
| **3** | Early Covid Prediction Neuro Fuzzy Multi-Layered Data Classifier” Patent number | Published |
| **4** | System and computer implemented methods for analyzing features of digital medical images | Published |