**ANNAMACHARYA UNIVERSITY FACULTY DETAILS FOR WEBSITE**

**About Profile**



PHOTO

NAME: B. Umakanth

DATE OF BIRTH: 17-05-1988

DESIGNATION: Asst.Professor

DEPARTMENT: ECE

EMAIL ID: umakanth.info@gmail.com

DATE OF JOINING: 20 Sept 2023

EMPLOYEE ID: AITS041066

**Academic Profile**

| **Qualification** | **Name of the Board/University** | **YEAR** |
| --- | --- | --- |
| **M.Tech** | **AITS, (Rajampet), (JNTUA)** | **2013** |
| **B.Tech** | **SSITS, Rayachoty, (JNTUA)** | **2010** |

**Research Details**

1. Areas of Specialization: Embedded Systems
2. List of Publications: 07
3. Awards Received :
4. Research Guidance:
5. No. of PhD Guided: NiL
6. No. of M.Tech Guided: 02
7. No. of B.Tech Guided:12
8. Details of Professional Membership: IAENG
9. Subjects Taught: EDC,MPI,BEEE,LICA,DLD,DCN

## Publication Details

|  |  |  |
| --- | --- | --- |
| **Title** | **Publisher** | **Published Year** |
| 1. Detection of Energy Draining Attack using EWMA in Wireless AdHoc Sensor Networks | (ICCECE-2025) | 2025 |
| 1. Incorporating Grey Wolf Optimization and Recurrent Neural Networks for Accurate Brain Tumor Detection | ACROSET 2024 | 2024 |
| 1. Diagonal Hamming Based Multi bit Error Detection and Correction Techniques for Memories | IJTE | 2022 |
| 1. Design and Implementation of Encryption/Decryption Architectures for BFV Homomorphic Encryption scheme" | IJTE | 2022 |
| 1. AN EFFICIENT AND HIGH-PERFORMANCE VLSI ARCHITECTUREFOR CONVOLUTION BASED DWT USING TRUNCATION MAC | IJECEC | 2019 |
| 1. An Intelligent Lightining System for Power Saving Applications | IJETT | 2014 |
| 1. Detection of Energy Draining Attack using EWMA in Wireless AdHoc Sensor Networks | IJETT | 2013 |

## Patent Details

| **Sno.** | **Title of Patent** | **Submitted/Published/Awarded** |
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