

## ANNAMACHARYA UNIVERSITY

### About Profile



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:
  - A) No. of PhD Guided: NiL
  - B) No. of M.Tech Guided: 02
  - C) No. of B.Tech Guided:12
5. Details of Professional Membership: IAENG
6. 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
2. Incorporating Grey Wolf Optimization and Recurrent Neural Networks for Accurate Brain Tumor Detection	ACROSET 2024	2024
3. Diagonal Hamming Based Multi bit Error Detection and Correction Techniques for Memories	IJTE	2022
4. Design and Implementation of Encryption/Decryption Architectures for BFV Homomorphic Encryption scheme"	IJTE	2022
5. AN EFFICIENT AND HIGH-PERFORMANCE VLSI ARCHITECTUREFOR CONVOLUTION BASED DWT USING TRUNCATION MAC	IJECEC	2019
6. An Intelligent Lightning System for Power Saving Applications	IJETT	2014
7. Detection of Energy Draining Attack using EWMA in Wireless AdHoc Sensor Networks	IJETT	2013

## Patent Details

Sno.	Title of Patent	Submitted/Published/Awarded