

ANNAMACHARYA UNIVERSITY

About Profile



NAME: **Dr. CH. NAGARAJU**

DATE OF BIRTH: **05-05-1977**

DESIGNATION: **Professor**

DEPARTMENT: **ECE**

EMAIL ID: chrajuaits@gmail.com, chn@aitsrajampet.ac.in

DATE OF JOINING: **02-09-2011**

EMPLOYEE ID: **AIMS041004**

Academic Profile

Qualification	Name of the Board/University	YEAR
Ph.D	SunRise University, Alwar, Rajasthan	2016
M.Tech	SKU, Anantapur	2005
B.Tech	JNTU, Hyderabad	2002

Research Details

1. Areas of Specialization: Wireless Communications & Networks

2. List of Publications: 50

Journals: 20, Conferences: 17, Books / Book Chapters: 13

3. Awards Received: 06

4. Research Guidance:

A) No. of Ph.D Guided: **03** (Guiding)

B) No. of M.Tech Guided: **20**

C) No. of B.Tech Guided: **38**

5. Details of Professional Membership:

- **AMIEI**
- **MIAENG**

6. Subjects Taught:

Wireless Communication Networks, Cellular Mobile Communications, Optical Fiber Communication, Analog Communication, Digital Communication, Electronic Devices and Circuits, Electronic Circuit Analysis

Publication Details

S.No.	Title	Publisher	Published Year
1.	Cardiac Diagnosis System For Heart Diseases Classification Based on Deep Learning and Optimization Strategies Using ECG Signals	IEEE	2025

2.	Hybrid optimization algorithm for enhanced performance and security of counter-flow shell and tube heat exchangers	PLOS ONE	2024
3.	A hybrid model for lung cancer prediction using patch processing and Deep learning on CT images.	Springer Nature	2024
4.	Influence of performance and emission of diesel engine with alumina nano material-based catalyst biodiesel using IoT	IJPEC	2024
5.	Detection and Classification of COVID-19 Using Supervised Deep Learning on MRI Images	IJMEI	2023

Patent Details

S. No.	Title of Patent	Submitted/Published /Awarded
1.	IoT System to Detect and Analyze Gait of an Individual and Method Employed Thereof	Published
2.	Computer Implemented Method and System for Processing Qualitative Imaging to Detect and Forecast Abnormalities	Published