

## ANNAMACHARYA UNIVERSITY

### About Profile



NAME: SHAIK MOHMMAD FAYAZ BASHA

DATE OF BIRTH: 03/04/1991

DESIGNATION: Assistant Professor

DEPARTMENT: ECE

EMAIL ID: fayazbasha440@gmail.com

DATE OF JOINING: 28/09/2022

EMPLOYEE ID: AITS041659

### Academic Profile

Qualification	Name of the Board/University	YEAR
M.TECH	R.G.M COLLEGE OF ENGINEERING AND TECHNOLOGY	2016
B.TECH	MADINA ENGINEERING COLLEGE	2012

### Research Details

1. Areas of Specialization: EMBEDDED SYSTEMS
2. List of Publications: 5
3. Awards Received :
4. Research Guidance:

- A) No. of PhD Guided:  
B) No. of M.Tech Guided:1  
C) No. of B.Tech Guided:3

5. Details of Professional Membership: IAENG

6. Subjects Taught:

EMBEDDED SYSTEMS, COMMUNICATIONS SYSTEMS, BEEE,  
SATELLITE COMMUNICATIONS, DIGITAL SIGNAL PROCESSING,  
EMBEDDED SYSTEM DESIGN

### Publication Details

Title	Publisher	Published Year
Hyper Spectral Imagery System to Detect Endmember Sources	SPRINGER	2024
Multiband OFDM Uplink and Mixed Receiving in the Millimeter Wave	SPRINGER	2024
Beam Phenomenon in Dual-Polarized Antennas Using MIMO	SPRINGER	2024
Automated Glaucoma Detection and Classification via Deep Neural Networks and Feature Extraction	IEEE	2024
Optimizing MRI Image Analysis for Brain Tumor Detection: A GLCM-Enabled U-Net Approach	JOURNAL	2022

### Patent Details

Sno.	Title of Patent	Submitted/Published/Awarded