

ASIFALI S. JAMADAR

Assistant Professor | Electronics & Communication Engineering

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PROFESSIONAL SUMMARY

Dedicated and results-driven Assistant Professor with 7+ years of experience in Electronics & Communication Engineering (ECE) education. Proven ability to teach complex technical subjects — including Microcontrollers, Wireless Communication, Computer Networks, and Error Control Coding — with clarity and impact. Experienced academic leader who has simultaneously served as Training & Placement Coordinator, IIC Coordinator, Internship Coordinator, and Department Coordinator. Published researcher with 7+ peer-reviewed papers and a strong commitment to student development, industry engagement, and institutional growth.

CORE COMPETENCIES

Teaching & Curriculum Design	VLSI & Embedded Systems	Research & Publication
Placement & Career Guidance	IoT, Python & Full Stack Dev	Wireless Sensor Networks

PROFESSIONAL EXPERIENCE

Assistant Professor | Maratha Mandal Engineering College, Belagavi

August 2021 – Present

- Teaching undergraduate and postgraduate subjects: Microcontrollers, Wireless Communication, Computer Networks, Information Technology, and Error Control & Coding.
- Serving as Training & Placement Coordinator for ECE Department since 2021; successfully placed students in core engineering and IT companies.
- Functioning as IIC (Institution's Innovation Council) Coordinator, fostering entrepreneurship and innovation culture among students.
- Serving as Internship Coordinator, establishing and managing industry partnerships for student internship programs.
- Active member of AICTE/VTU College Committees; responsibilities include IA Coordination and NSS Coordination.

Assistant Professor & Head of Department (ECE) | MWP College, Kolhapur

January 2017 – December 2019

- Led the Electronics & Telecommunication Department as Head of Department, overseeing faculty, curriculum, and student performance.
- Served as Officer-in-Charge and Sealing Officer for Theory Examinations; performed External Examiner duties for OR/PR evaluations.
- Managed the Advertisement Cell and Lab Development Committee, and led Annual Social Function planning as Committee In-Charge.

EDUCATION

2015 – 2017	M.Tech — Digital Electronics & Communication Systems Maratha Mandal Engineering College, Belagavi (VTU)	CGPA: 65.75%
2011 – 2015	B.E. — Electronics & Communication Engineering Jain College of Engineering, Belgaum (VTU)	CGPA: 61.88%

TECHNICAL SKILLS

Languages:	C, C++, Python, VHDL, Verilog, Embedded-C, Full Stack Java
Platforms:	Linux, Unix, Windows
Tools & IDEs:	Xilinx ISE/Vivado, Keil µVision, Arduino IDE, NCTUNS Network Simulator
Processors:	Intel 8086, 8085, 8051 (Assembly & Embedded programming)
Domains:	IoT, Embedded Systems, Wireless Sensor Networks, VLSI Design, Image Processing

RESEARCH PUBLICATIONS

Published in peer-reviewed journals (IRJET, JETIR, AIJFR):

1. AsifAli S. Jamadar, Basavaraj Tigadi — "Criminal Detection by Using Androgenic Hair Pattern", IRJET, Vol. 04, Issue 12, Dec 2017.
2. AsifAli S. Jamadar, Arbaj N. Aga, Sanket G. Govekar — "Sun Tracking Solar Panel", IRJET, Vol. 05, Issue 03, Mar 2018.
3. AsifAli S. Jamadar, Amey A. Chile — "School in the Cloud", IRJET, Vol. 05, Issue 03, Mar 2018.
4. "Movie Rating Management System Using Python", IRJET, Vol. 11, Issue 03, Mar 2024.
5. "Stress Detection in IT Professionals by Image Processing and Speech", JETIR (IF: 7.95, UGC Approved), Vol. 12, Issue 11, Nov 2025.
6. "IoT Based Water Quality Monitoring System using ESP32", AIJFR, Vol. 6, Issue 6, Nov–Dec 2025.
7. "Agricultural Crop Recommendation Based on Productivity and Season", AIJFR, Vol. 6, Issue 6, Nov–Dec 2025.

NOTABLE PROJECTS

- Smart Irrigation System — IoT-based automated water management with sensor integration.
- Building Own Alexa — Voice-controlled assistant developed using Python & NLP libraries.
- Criminal Detection Using Androgenic Hair Pattern — Research-grade image processing project.
- IoT-Based Water Quality Monitoring — ESP32-based real-time water quality alert system.
- Bank Locker Security System — RFID and GSM-based dual-authentication security prototype.
- Touch Screen Menu Management System — Zigbee-enabled digital ordering system for restaurants.
- Smart Bottle for Cooling & Heating — Embedded temperature-controlled hydration device.
- Water Level Meter for Flood Alerting — Wireless alert system for real-time flood monitoring.

CERTIFICATIONS & TRAINING

- Advanced Telecommunication Technology — BSNL, RTTC Mysore.
- Embedded AI Internship — Pantech India.
- Embedded Systems Course — Emertex, Bangalore.
- Full Stack Java Development Course.
- Training at Institute of Satellite Telecom, Pune.
- The Complete Networking Fundamentals — Udemy.
- Webinar: "Journal and Thesis Writing using LaTeX" — SJC Institute of Technology.

DECLARATION

I hereby declare that all information provided above is true and correct to the best of my knowledge and belief. I take full responsibility for its accuracy.

Place: Belagavi

Mr. Asifali S. Jamadar