Dr. Mohd Yousuf

Assistant Professor | Information Technology | AI & IoT

Maulana Azad National Urdu University, Hyderabad (A Central University)

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ACADEMIC PROFILE

Dedicated academician with over 10 years of experience in teaching, research, and academic administration. Expertise in Artificial Intelligence, Internet of Things, and E-Learning Systems with significant contributions in research publications, patents, FDPs, and institutional governance.

CURRENT APPOINTMENT

- Assistant Professor (Regular), Department of Information Technology
- Maulana Azad National Urdu University, Polytechnic, Hyderabad
- March 2015 – Present

ACADEMIC QUALIFICATIONS

- Ph.D. in Computer Science
- M.Tech in Computer Science & Engineering
- B.Tech in Computer Science & Engineering

TEACHING EXPERIENCE

Over 10 years of teaching experience at Diploma, Undergraduate, and Postgraduate levels. Actively involved in curriculum development, student mentoring, examination duties, and evaluation.

COURSES TAUGHT

- Internet of Things, Web Technologies
- Computer Hardware & Networking, Multimedia Systems
- C Programming, C++, OOPS, Python
- Microprocessors, Software Engineering

RESEARCH INTERESTS

- Artificial Intelligence in Education
- Internet of Things
- Machine Learning
- Smart Learning Systems
- Educational Data Analytics

RESEARCH PUBLICATIONS – JOURNALS

- Secure Modification to Hsiang–Shih's Schema: A Case Study, IJESR, 2014
- Exploring the Effectiveness of AI Algorithms in Predicting and Enhancing Student Engagement in an E-Learning, IJRITCC, 2023
- A Study on Personalized Learning Experience through AI-driven User Profiling in E-learning Platforms, IJISAE, 2024

CONFERENCE PUBLICATIONS

- Big Data and IoT: A Survey, IJARSE, 2017
- AI in Education: Trends and Prospects, ICISCT, 2022
- Student Attention Monitoring via IoT, ICISCT, 2023
- Haar Cascade Detection for E-Learning, ISDIA, 2024

PATENT

AI-Based System to Identify Medical Conditions Prior to Diagnosis | Application No: 2020103509 | Status: Published | IP Australia | 13 January 2021 | Role: Co-Inventor

FACULTY DEVELOPMENT PROGRAMMES

- UGC-HRDC Orientation Programme (2016)
- Refresher Course on IoT – JNTUH (2017)
- FDP on Data Science & AI (2019)
- Industrial Training – BSNL (2020, 2022)
- ATAL FDP on Sustainable Energy (2025)
- FDP on IoT, Robotics & Smart Sensors (2025)

ADMINISTRATIVE & LEADERSHIP ROLES

- Head, Department of IT (2020–2022)
- Assistant Controller of Examinations (2021–2022)
- Senior Warden (2023–2024)
- Assistant Advisor, IQAC (2024–Present)
- Coordinator, AICTE Committee (Since 2017)

AWARD

- AICTE Chhatra Vishwakarma Awards-2019 – National Level (2020)

DECLARATION

I hereby declare that the information furnished above is true and correct to the best of my knowledge and belief.

(Dr. Mohd Yousuf)