

IMREENA ALI

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SUMMARY

Dedicated Academician and Research Scholar with over 14 years of teaching experience in engineering colleges across Computer Science and Engineering streams. Served as Assistant Professor at ISL Engineering College, alongside pursuing a Ph.D. in Computer Science and Engineering at Bharatiya Engineering Science and Technology Innovation University (BESTIU), Andhra Pradesh.

CORE COMPETENCIES & EXPERTISE

- **Research Focus:** Blockchain Technology, Deep Learning, Cybersecurity, IoT (Cyber Threat Detection & Adaptive Defense Mechanisms in Blockchain Networks)
- **Teaching & Specializations:** Computer Networks, Data Structures, Blockchain, Middleware Technologies, Database Management System, IoT, UML, Design & Analysis of Algorithms (DAA), Object-Oriented Analysis & Design (OOAD), Distributed system
- **Technical Toolkit:** C, C++, Core Java, SQL
- **Recognition & Skills:** Ratified Assistant Professor by Osmania University
- **BOS** member in CSE Department at ISL Engineering College

ACADEMIC & PROFESSIONAL EXPERIENCE

Assistant Professor — ISL Engineering College, India (2010 – 2026)

Assistant Professor — Noor College of Engineering and Technology, India (2008 – 2010)

- Delivered courses across Deep Learning, IoT, Data Structures, Computer Networks, DBMS, Blockchain, UML, and Middleware Technology; guided UG/PG projects leading to publications
- Organized and participated in workshops, seminars, and faculty development programs

PATENT & KEY WORKS

- **Patent:** Blockchain Tool (Filed, 2024)
- **Conference (IEOM JNTUH, Nov 2024):** Meta-analysis of Cyber Threat Detection in Blockchain Networks
- **Journal (Journal of Chemical Health Risks):** Deep Learning for Large-Scale Traffic-Sign Detection and Recognition
- **Journal (Mathematical Statistician and Engineering Applications):** Pay as You Decrypt Using FEPOD Scheme and Blockchain
- **Journal (IJARESM, DOI: 10.56025/IJARESM.2024.1205244505):** Malicious Android Application Package (APK) Detection Using Deep Learning
- **Book Chapter (2024):** Artificial Intelligence for Predicting Progression and Personalizing Healthcare to Alzheimer's Disease Patients
- Presented and published papers at many international conferences
- Obtained NPTEL certificate in (Computer network, IoT, OBE) course

- Done PALO ALTO cybersecurity, Juniper course from EDUSKILL
- Attended Many workshops & FDP during my career

EDUCATION

- *Pursuing Ph.D. in Computer Science and Engineering*, Bharatiya Engineering Science and Technology Innovation University (BESTIU), Andhra Pradesh; Specialization: Deep learning and Cybersecurity
- **M.Tech in Computer Science** (2014)— JNTU, Hyderabad
- **B.E. in Computer Science (2008)** — Muffakham Jah College of Engineering, Osmania University

PROFESSIONAL MEMBERSHIPS

- **IAEPT:** Member, Indgaints Association of Educators & Professional Trainers
- **IFERP:** Professional Member (ID: PROF-15940736)