

MUNAWAR KHATOON

+91 8978546175 | munawar.khatoon@mjcollege.ac.in

PROFESSIONAL PROFILE:

Distinguished and Osmania University (OU) Ratified Assistant Professor of Information Technology with **15 years of comprehensive educational leadership** and technical instruction experience. Recognized as a **Master Certified Mentor and Super Certified Mentor** for delivering elite technical training. Possesses a deep theoretical and practical command over foundational computer science pillars, including **Operating Systems, Computer Networks, RDBMS, and Data Structures & Algorithms**. Complemented by specialized modern expertise in **AI/ML Architectures (TensorFlow, Scikit-Learn)** and full-stack web frameworks (**HTML5, Bootstrap, ReactJS**). A dedicated educator holding an **M.Tech with Distinction**, recognized for strict adherence to university policy guidelines, a consistent record of **100% syllabus completion rates**, and an innate ability to mentor student capstone and AI research projects from concept to deployment.

AREAS OF EXPERTISE & TECHNICAL SKILLS

- **Artificial Intelligence & ML:** Machine Learning, Neural Networks, Computer Vision, Regression Models, Scikit-Learn, TensorFlow
- **Web Development & UI Stacks:** HTML5, CSS3, Bootstrap UI Framework, JavaScript (ES6), ReactJS, XHTML, Dreamweaver, Web Services
- **Programming & Core Languages:** Python, Java (AWT, Libraries), C Programming, C++, C#, Object-Oriented Programming (OOP)
- **Core Computer Science Pillars:** Data Structures & Algorithms (DSA), Operating Systems, Computer Networks, Advanced Compiler Design
- **Databases & Enterprise Systems:** Relational Database Management Systems (RDBMS), Oracle, MySQL, Data Modeling, E-Commerce
- **Operating Systems Infrastructure:** Red Hat Linux, UNIX, Windows (XP/Vista/NT/9x/2000), Virtual Memory Scheduling
- **Institutional Leadership & Compliance:** NAAC & NBA Accreditation, Curriculum Design, Project Management, Placement Coordination

PROFESSIONAL EXPERIENCE

Senior Coding Mentor & Technical Lead | Codeyoung (Smart Owl Education Pvt Ltd), Bangalore
September 2021 – August 2025

- **Elite Recognition:** Awarded "**Master Certified Mentor**" and "**Super Certified Mentor**" titles in recognition of outstanding instructional quality, student retention, and master-level technical delivery.
- **Advanced AI & ML Curriculum Delivery:** Structured and instructed advanced Machine Learning and Deep Learning architectures, guiding students through regressions, neural networks, and computer vision deployment.
- **Predictive AI Engineering:** Supervised the successful engineering and deployment of practical predictive AI models utilizing **Scikit-Learn** and **TensorFlow** on real-world datasets.

- **Full-Stack & UI Framework Instruction:** Taught end-to-end responsive front-end applications utilizing **HTML5, CSS3, Bootstrap UI, modern JavaScript (ES6), and ReactJS** state management.
- **Logic, Game & Backend Architecture:** Cultivated advanced computational reasoning by instructing object-oriented programming (OOP) logic and dynamic game loops leveraging Python's **Pygame** toolkit.
- **Rigorous Code Review:** Conducted live code-reviews, training next-generation developers in syntax troubleshooting, proactive error handling, and clean, scalable script architecture.

Assistant Professor – Information Technology | Nawab Shah Alam Khan College of Engineering and Technology, Hyderabad

September 2017 – September 2021

- **Core Engineering Lectureship:** Conducted comprehensive lectures for undergraduate and postgraduate cohorts across advanced topics: Database Technologies, **JAVA Programming**, OOP, Operating Systems, **Advanced Compiler Design**, and Design Patterns.
- **AI & Cloud Research Implementation:** Directed high-impact university research initiatives, including "Online Monitoring Surgery using Artificial Intelligence" and "Building Confidential and Efficient Query Services on Cloud using RASP Perturbation."
- **Accreditation Leadership:** Played a core operational role in steering the department through strict **NAAC and NBA accreditation** validation pipelines.
- **Institutional Administration:** Managed high-level departmental operations including examination setup, daily student performance matrices, monthly academic progress auditing, and staff appraisals.
- **Placement & Event Coordination:** Acted as the **Departmental Placement Coordinator** and primary organizer for technical seminars, industry workshops, industrial tours, and major institutional events.

Assistant Professor – Information Technology | Greenfort Engineering College, Hyderabad

July 2013 – June 2017

- **Curriculum Engineering:** Designed comprehensive IT course structures, drafted syllabi, and established strict grading criteria for undergraduate and postgraduate curricula.
- **Technical Course Instruction:** Delivered curriculum mapping for **C Programming**, Object-Oriented Programming, Scripting Languages, Network Applications, E-Commerce, and Information Systems Design & Development.
- **Research & Project Mentorship:** Spearheaded parallel university research modules in AI-driven medical monitoring and cloud security data perturbations while guiding student capstone projects.
- **Cohort Progress Management:** Supervised course examination workflows, managed day-to-day student evaluation detailing, and generated monthly analytical performance metrics for senior management.

Assistant Professor – Computer Science | Moghal Engineering College, Hyderabad

June 2007 – April 2008

- **Foundational CS Instruction:** Structured and delivered the university's annual computer science curriculum to undergraduate students, ensuring 100% execution of lab targets.
- **Core Language Architecture:** Taught fundamental to advanced levels of **C** (Arrays, Structures, Files, Dynamic Memory Allocation, Trees) and **Java** (Java Libraries, AWT Windows, Graphics, Menu Controls).

- **Systems Infrastructure Training:** Instructed comprehensive **Operating System** theory encompassing Mutual Exclusion, Synchronization, Deadlock/Starvation, Memory Management, and Virtual Memory Scheduling.
- **IT Workshops & Systems Administration:** Conducted practical IT workshops, educating students on hardware assembly, network routing, internet protocols, and multi-OS installations.

ACADEMIC PROFILE & EDUCATION

- **Master of Technology (M.Tech)** | *August 2015*
Jawaharlal Nehru Technological University (JNTU), Hyderabad | **Score: 81.38% (Passed with Distinction)**
- **Bachelor of Technology (B.Tech)** | *April 2007*
Jawaharlal Nehru Technological University (JNTU), Hyderabad | **Score: 70.90% (Passed with Distinction)**
- **Intermediate** | *March 2003*
Board of Intermediate | **Score: 65.4% (First Division)**
- **I.C.S.E (Class X)** | *March 2001*
Indian Certificate of Secondary Education | **Score: 60.0% (First Division)**

PROFESSIONAL DEVELOPMENT & WORKSHOPS

- * **Linux Administration & Python Workshop:** Completed an intensive two-day hands-on technical workshop focused on system administration protocols, shell environments, and core Python scripting applications.
- * **Blockchain Technology Workshop:** Completed an intensive technical workshop on Blockchain Architecture and Applications hosted at Jawaharlal Nehru Technological University (JNTU), Hyderabad (June 29, 2019).
- * **Cisco Cybersecurity Learn-A-Thon:** Earned an official Certificate of Participation for completing advanced network security and data protection modules (July 16 – July 30, 2018).
- * **Computational Intelligence FDP:** Attended a specialized Faculty Development Programme focused on advanced algorithmic paradigms and data modeling at Muffakham Jah College of Engineering & Technology (MJCET).
- * **Wipro Technologies Workshop:** Attended and completed the advanced technical training module organized by WIPRO Technologies at Muffakham Jah College of Engineering & Technology (March 2008).
- * **Faculty Development Programs (FDP):** Actively participated in 2 comprehensive Faculty Development Programs organized by Moghal College of Engineering and Technology to enhance academic delivery methodologies.
- * **Wipro Technologies Workshop:** Attended and completed the advanced technical training module organized by WIPRO Technologies at Muffakham Jah College of Engineering & Technology (March 2008).
- * **Faculty Development Programs (FDP):** Actively participated in 2 comprehensive Faculty Development Programs organized by Moghal College of Engineering and Technology to enhance academic delivery methodologies.

KEY AWARDS & RECOGNITION

*****Certificate of Excellence** – Nawab Shah Alam Khan College of Engineering and Technology (NSAKCET). Awarded in recognition of exceptional teaching standards and valuable structural contributions to the IT academic department.**

*** **Master Certified Mentor** – Codeyoung (Smart Owl Education Pvt Ltd). Recognized for advanced technical instruction and digital pedagogy in Python and Full-Stack frameworks.**

*** **Super Certified Mentor** – Codeyoung (Smart Owl Education Pvt Ltd). Awarded for outstanding student success metrics and instructional excellence.**