

KANWAR MUHAMMAD SHAHEEN

Computer Science & IT Lecturer | IT Operations Expert

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PROFESSIONAL SUMMARY

Results-driven Computer Science and IT professional with hands-on experience as a lecturer, lab in-charge, and IT operations executive. Skilled in curriculum delivery, course-file preparation aligned with HEC-NCEAC accreditation standards, and integration of modern AI tools into teaching methodology. Currently pursuing an MS in Data Science with a strong foundation in team supervision, operations management, and student-centered instruction. Seeking a Lecturer position in Computer Science / Information Technology at a recognized university, or a role as an IT expert.

EXPERIENCE

IT Junior Lecturer / Instructor

Aspire College | 01/2023 - 12/2024 | Chunian, Pakistan

- Conducted lectures and hands-on training sessions in core IT and Computer Science subjects.
- Designed and implemented interactive lesson plans to strengthen student engagement.
- Provided guidance in MS Office, networking, web development, and programming.
- Assisted students with practical projects and skill-based learning assignments.
- Evaluated student performance through quizzes, assignments, and examinations.
- Ensured course content stayed aligned with modern IT industry standards and technologies.

Lab In-Charge (CS, IT, SWE)

University of South Asia | 01/2024 - 12/2025 | Lahore, Pakistan

- Managed day-to-day operations of computer and IT laboratories.
- Installed, configured, and maintained computer systems, networks, and software applications.
- Provided on-site technical support to students and faculty during lab sessions.
- Monitored system performance and implemented preventive maintenance measures.
- Assisted instructors in conducting practical classes and IT-related experiments.
- Maintained inventory records for hardware, peripherals, and software licenses.
- Ensured data security and proper functioning of lab network infrastructure.

IT Operation Executive & Public Dealings

SmartLane IT Solution Pvt. Ltd | 01/2022 - 12/2023 | Lahore, Pakistan

- Oversaw daily operations, ensuring smooth workflow and task management across teams.
- Maintained coordination between clients, management, and technical departments.
- Handled client inquiries and ensured timely resolution of operational issues.
- Prepared and analyzed operational and performance reports for management review.
- Assisted in project planning, resource allocation, and deadline management.

TRAININGS AND SESSIONS

HEC-NCEAC Course File & Accreditation Training — 2025

University of South Asia, Raiwind Campus | 2025 | Lahore, Pakistan

Completed as part of lecturership experience, focused on preparing course documentation in line with HEC-NCEAC accreditation criteria.

- Compiled complete final-semester course files (Spring and Fall) including course outlines, lecture plans, assessments, and result sheets as per NCEAC criteria.
 - Organized dedicated folders for Spring and Fall semester final composed files.
 - Prepared Group Discussion records to document and evaluate teaching expertise.
 - Collected and organized all training certificates and supporting evidence.
- Prepared complete course-related documentation recommended under HEC-NCEAC accreditation guidelines, including CLOs/PLOs mapping and assessment records.
- Delivered a final presentation of the compiled course file folder for NCEAC evaluation criteria.
- Participated in NCEAC campus visits and related training sessions, contributing to ongoing accreditation readiness and quality-assurance processes.

AI Models & Techniques for Advanced Teaching Methodology — Fall 2025

University of South Asia | Fall 2025 | Lahore, Pakistan

Professional development training on applying AI models and tools to modernize classroom instruction.

- Explored practical use of AI models and techniques to design more engaging and effective lesson delivery.
- Learned to integrate AI-based tools for content creation, personalized learning support, and automated assessment feedback.
- Applied AI-assisted approaches to improve student engagement, critical thinking, and learning outcomes in CS/IT courses.
- Gained practical exposure to using AI as a teaching-assistance tool for lesson planning, quiz generation, and performance tracking.

RESEARCH AREAS

Research Area: Internet of Things (IoT)

Research Title: “Internet of Things (IoT) in Smart Cities: Opportunities and Challenges”

University: UET-Lhr Campus, IDS-Data Science Department

Dated: 11-04-2026

Research Area: Research Methodology

Research Title: “Data Collection Challenges in AI-Based Research”

University: UET-Lhr Campus, IDS-Data Science Department

Dated: 11-04-2026

EDUCATION

MS Data Science

University of Engineering and Technology Lahore (UET) | 09/2023 - Present | Lahore, Pakistan

BS Computer Science

Government College University of Faisalabad (GCUF) | 01/2019 - 05/2023 | Faisalabad, Pakistan

FSc Pre-Engineering

Model College Chunian for Boys, District Kasur | 08/2017 - 05/2018 | Faisalabad, Pakistan

STRENGTHS

- Leadership and Education — Leadership, mentorship, and the ability to create effective educational content.
- Operations Management — Strong operational and customer resource management skills.
- Communication and Problem Solving — Excellent communication and creative problem-solving abilities.
- Accreditation & Course Documentation — Practical experience preparing HEC-NCEAC compliant course files and reports.
- AI-Integrated Teaching — Applies AI tools and techniques to enhance modern teaching methodology.

LANGUAGES

- English — Proficient
- Urdu — Native