

**Contact Information:**

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**Mr. Tariq Mahmood**

**Education:**

B.Sc. Electrical Engineering (Electronics)	University of Engineering & Technology, Lahore	1992
MBA	I. B. A (Punjab University), Lahore	1998
MSc Computer Sciences	Alkhair University, (AJK) College Lahore	2001
MS- Computer Engineering	University of Engineering & Technology, Lahore	In Progress

**Certifications**

1. Cisco Certified Network Associate (CCNA) from CISCO Inc U.S.A in July 2000.
2. Microsoft Certified Professional (MCP) from Microsoft Inc U.S.A in November 2000.
3. Microsoft Certified System Engineer (MCSE) from Microsoft Inc U.S.A in Dec 2000.
4. Sun Certified Java Programmer (SCJP), Sun Micro Systems (USA) in April 2001.
5. Sun Certified Web Component Developer from Sun Micro Systems (USA) in December 2002.

**Trainings**

1. Attended Java Certified Programmer and Java Certified Developer (Sun Micro Systems USA) teachers training programs conducted by Punjab Information Technology Board at University of Engineering and Technology Lahore Pakistan.
2. Attended the Sun Certified Web Component Developer (Sun Micro Systems USA) training program from Circle Of Information and Technology (CIT) Lahore Pakistan, an affiliated college with Indianapolis University USA.
3. Attended the Distribution planning course on the use and application of CADPAD software from USAID Consultant. Training involved procedural guidance explaining distribution concepts highlighting different approaches to specific planning problems. handling of databases and selection of technically feasible alternatives.
4. Attended the course on VLSI System Design from UET, Lahore

**Teaching Experience:**

Almost 15 years of experience in teaching in various renowned Institutes/universities.

**1. Punjab University College of Information Technology (PUCIT)**

**Present Post: Assistant Professor**

- Worked as a Faculty Member from March 2004 to July 2007.
- Joined as Assistant Professor on August 2007 and working till date.
- Working as Program Coordinator (Degree Supervisor) for the BS computer Science program
- Knowledge Unit Head of Logic Design, Assembly Language and Computer Architecture courses.
- Head of Unfair Means Committee (UMC)
- Head of Migration Committee
- Member of Exam Committee
- Member of College council
- Teaching courses of Logic Design, Assembly Language and Computer Architecture courses to the BSCS and MSC programs

## **2. Kinnaird College for Women, Lahore**

- Worked as visiting faculty member from January 2004 to March 2007
- Taught the courses of Digital Logic Design, Assembly Language, Computer Networks and Computer Architecture to the BCS programme.
- Taught Advance Operating System and Advance Computer Architecture to MS Programme

## **3. Alkhair University (AJK)**

- Worked as Faculty Member from April 1996 to October 2001.
- Worked as **Dean computer science Department** from November 2001 to December 2002.
- Started and managed B.Sc. and M.Sc. computer science programs
- Responsible for the design of road map for computer science disciplines
- Responsible for the arrangement of seminars and workshops
- Designed and implemented Lab for digital logic design and microprocessor
- Responsible for monitoring the performance of visiting faculty members regarding conduction of papers, quizzes
- Responsible for counselling the faculty members
- Responsible for counseling the students about their problems
- Recruitment of the visiting faculty members
- Allocation of courses to the faculty members
- Designed and conducted the short courses training and certification programmes
- Supervising the students for the final project / thesis

### **Taught the following courses during the stay at Alkhair university**

- Computer system architecture
- Digital logic design
- Microprocessors
- Computer networks
- Object Oriented Programming in Java
- Electronics
- Introduction to computers
- Programming in assembly language
- Computer Organization
- *Network analysis*
- Basic electrical Engineering

## **4. University of Management and Technology.**

- Worked as Visiting Faculty Member from March 1996 to December 2000.
- Taught the following courses :
  - Computer system architecture
  - Digital logic design
  - Compiler construction
  - Introduction to computers
  - Programming in assembly language
  - Microprocessor
  - Strategic IT management
  - E-Banking

## **5. Taught as visiting faculty member to the following colleges / universities**

- University of Management and Technology
- The University of Lahore
- Pak Aims
- Preston University
- Govt. College University, Faisal Abad

**Experience**

***TECHRED (Pvt) Ltd. Subsidiary of NESPAK***  
***Senior Engineer***  
***[Jan 1993- August1995]***

**Assigned Duties and Responsibilities**

- Worked on the “Survey & Mapping Project” under WAPDA / USAID program.
- Handled project activities including the supervision of technical and administrative staff for the execution of job.
- Responsible for the quality control and monitoring of data in a manner to construct Maps comprising geographical and electrical features using Auto-Cad and different software packages.
- Worked as Planning Engineer on the construction of Distribution line under IBRD Loan. Mainly responsible for the design of HT/LT lines and construction supervision of electrification project.
- Responsible for the generation of various reports according to the format given by WAPDA.
- Analyzed feeders, developed alternative plans to reduce line losses, proposing augmentation and renovation of existing feeders.

***M.E.CONSULT (Pvt) Ltd.***  
***Planning Engineer***  
***September 1995 – March 1996***

**Assigned Duties and Responsibilities**

- *Worked as planning Engineer on the construction of Distribution line under IBRD loan.*
- *Mainly responsible for the design of HT/LT lines and construction supervision of electrification project.*
- *Responsible for the generation of various reports according to the format given by WAPDA.*