

# SAIRA FAISAL [Mrs.]

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Other Name : SAIRA ISHAQUE  
Father Name : Muhammad Ishaque  
Date of Birth : March 8, 1977  
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## ***Academic & Professional Qualification:***

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- 2007** Master of Engineering in Textiles (CGPA = 3.35/4)  
*NED University of Engineering & Technology, Karachi*
- 2001** Bachelor of Engineering in Textiles (First Class Third Position)  
*NED University of Engineering & Technology, Karachi*
- 1996** Higher Secondary Education (A-Grade) (A-Grade)  
*P.E.C.H.S College for Women, Karachi*
- 1994** Secondary School Certificate (A-One Grade) (A-One Grade)  
*Gulistan S.A.L. Girls Secondary School*

## ***Professional Experience:***

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### ***18<sup>th</sup> July 2007 to date:***

Offering services as **Assistant Professor**  
**Department of Textile Engineering**  
*NED University of Engineering & Technology, Karachi*

- Delivering lectures and conducting practical
- Supervisor for Undergraduate *Engineering Design Project* of Final year Students
- Assistant Undergraduate Project Coordinator
- ISO – 9000:2000 Coordinator
- Member Board of Faculty, University Level (since 2008)
- Member Board of Studies, Department Level (since 2008)
- Being a Laboratory-Incharge arrange all the resources for smooth running of Laboratory activities
- Industrial liaison (arranging internships, special lectures and frequent visits for UG students)

### ***24<sup>th</sup> April 2002 - 17<sup>th</sup> July 2007:***

Offered services as a **Lecturer**

## **Department of Textile Engineering**

*NED University of Engineering & Technology, Karachi*

- Delivering lectures and conducting practical.
- Area Coordinator
- Internal Project Advisor to the *Engineering Design Project* of Final year Students (undergraduate)
- Assistant Undergraduate Project Coordinator
- Industrial liaisoning (arranging **internships, special lectures and frequent visits** for UG students),
- Class Advisor (2004 - 2007)
- Secretary BOS, (2006 - 2008)
- Internal Project Advisor to the *Engineering Design Project* of Final year Students (undergraduate)
- Being a Laboratory-Incharge arrange all the resources for smooth running of Laboratory activities
- Arranging jobs for fresh graduates

### **31<sup>st</sup> March 01 – 23<sup>rd</sup> April 02:**

Offered services as a **Lab Engineer (Ad hoc)**

#### **Department of Textile Engineering**

*NED University of Engineering & Technology, Karachi*

- Assisting in the Establishment of Textile Engineering laboratories,
- Delivering lectures

### ***Special Courses:***

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- Attended and passed the IATCA compliant ISO 9000:2000 Series Auditor/Lead Auditor Training Course NO. A18021 by IRCA
- Advance Course on “CAD/CAM Fabric Designing System” conducted by SMA RIZVI TEXTILE INSTITUTE.
- Attended and passed the ISO 9000:2000 Series Internal Auditor Training Course by PIQC organized by NED UET.

### ***Trainings:***

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- Research Methodologies
- Effective Teaching Practices
- Communication & Presentation Skills
- Stress Management
- Examination Duties
- Invigilation Duties

*(All above are arranged by Center of Continuing Engineering Education, NED University of Engineering and Technology)*

### ***Workshops:***

- On Textile Coating Technologies; conducted by Coating Expert of **DyStar Ltd.**, Organized NED University of Engineering & Technology, Karachi.

### ***Major Courses:***

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#### Bachelor of Engineering (Textile):

- Polymer & Fiber Sciences
- Textile Chemical Processes
- Engineering Economics
- Textile Production Management
- Polymer & Fiber Sciences
- Advanced Yarn and Fabric Manufacturing Processes
- Textile Product Evaluation
- Quality Control in Textile
- Automation and Control
- Machine Design

#### Master of Engineering (Textile):

- Advance Statistics
- Technical Textiles
- Textile Quality Assurance
- Color physics
- Processes for Cotton Dyeing
- Textile Printing
- Physico-Chemical Processes
- Automation & Control
- Project Management Framework & Tools
- Supply Chain Management

### ***Internship:***

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- Siddiqsons Denim Mill (Year 1999)
- National Fibers limited (Year 2000)

### ***Skills Profile:***

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- MS Office and Internet
- AutoCAD