

## MANSOOR AHMED

### Contact Information

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### OBJECTIVE

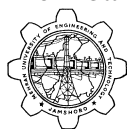
To utilize my recent education and experience acquired to secure a challenging position within a dynamic and challenging organization where I can contribute to the growth of both, the company and myself.

### ACADEMIC QUALIFICATIONS

2004 – 2008	<b>B.E. Electrical Engineering</b> (Weighted Average Result: GPA 3.7/4) Mehran University of Engineering & Technology, Jamshoro
2001 – 2003	<b>Intermediate (H.S.C) (Result: 73.1%)</b> WAPDA Degree College Guddu, (BISE Larkana)
1999 – 2001	<b>Matriculation (S.S.C) (Result: 75%)</b> WAPDA Public School Guddu, (BISE Larkana)

### PROFESSIONAL WORK EXPERIENCE

From January 2008 to date



**Electrical Department Mehran University of Engineering & Technology,  
Jamshoro**

**Working as Lab Lecturer**

**Subjects of Specialization are;**

1. AC Machines
2. Electromagnetic Field (EMF)
3. Basic Electrical Engineering
4. Communication Systems
5. Power System Distribution and Utilization
6. Power System Protection
7. Electric Power Transmission
8. Machine design and equipment training

## PROFESSIONAL ASSIGNMENTS/ TASKS

- Coordinator for Electrical Department Alumni Association MUET Jamshoro
- Study Tour Coordinator
- Coordinator for Research and Development (R & D) centre
- Thesis Coordinator for Final Year Batch
- Workshop / Short Courses Coordinator

## INTERNSHIPS

- July-Sept 2006      **On Job Training (OJT) at GENCO-1, JPCL Jamshoro (3 Months)**  
Completed 3- months On Job Training at 220MW (units -1,2,3 & 4) getting training of Generator Excitation system, Excitation Transformers, Power and Auxiliary Transformers, Back up DC system, CVCF System.
- June-July 2006      **600MW Combined Cycle Power Plant (CCP) Guddu. (6 Weeks)**  
Took close insight of the Instrumentation and Control devices installed at Central Control Room monitored and controlled by MARK III Distributed Control System(DCS).
- June-July 2007      **415 MW Combined Cycle Power Plant (CCP) Guddu (6 Weeks)**  
Got exposure of Operation and maintenance of Synchronous Generators, 3-phase Induction Motors and Power Transformers.

## COMPUTER SKILLS

- Microsoft Office      **MS Word, Excel, Power Point and MS Project.**  
Able to prepare all kinds of documents, spreadsheets and interactive presentations on MS Office Tools.
- C++      **Coding and Programming.**

## PROFESSIONAL AFFILIATIONS

- Student Member      Institution of Engineers Pakistan (IEP)  
Professional Member      Institute of Electrical & Electronic Engineers of Pakistan (IEEEP)  
Member      Pakistan Engineering Council (PEC) Reg. # ELECT/23831

## AWARDS & DISTICTIONS

- Represented Mehran University in British Council USP programme for the following projects
  1. Group discussion and addressing on the issue of Baluchistan
  2. Video conferencing with Edinburgh University
  3. Panel discussion on” Role of Government in resolving conflicts with in Islam
- Participated in Mehran University Annual Convocation as **Member for Recipients sitting Sub-committee**

## THESIS/ PROJECT SUPERVISED

- Protection of Squirrel cage Induction Motor against single phasing, reversing, over voltage and under voltages

- Mat lab/ Simulink based Simulation and response analysis of Auto voltage Regulator (AVR) by using PID Controller

## FINAL YEAR THESIS/PROJECT

**Thesis**                      **Generator protection and its Excitation system monitoring through WINCC SCADA system**  
 In this thesis work detailed study of Generator protection scheme and monitoring of its Excitation system through sophisticated WINCC SCADA system for fault tolerant operation of Generator at 415 MW Combined Cycle Power Plant (CCP) Guddu is carried out.

## COURSES & SEMINARS ATTENDED

- Courses**
- **Programmable Logic Controller (PLC) at IICT Mehran University Jamshoro**  
 Siemens LOGO S7300, S7200, and other PLC Vendors (e.g. Allen Bradley, Omron, Mitsubishi)
  - **Matrix Laboratory (MATLAB) at M. D. Hall MUET Jamshoro**  
 Interfacing, Simulation, Programming, Graphical User Interface (GUI), 2D and 3 D Graphics plotting, Supervisory Control & Data Accusation (SCADA) system, Sim Power System, Interfacing of Uninterruptible Power Supply (UPS), Modeling of Control System.
  - **Electronic Workbench**  
 Simulation and response analysis of Active and Passive elements of Electric circuits
- Seminars**
- Nuclear Engineering offered by KANUPP.
  - Bridging of University and Industrial Linkage for mutual cooperation

## PERSONAL PROFILE

Father's Name	Peer Bakhsh Soomro
Date/Place of Birth	16-06-1986 / Mirpur Mathelo (Pakistan)
Nationality	Pakistani
Religion	Islam
CNIC#	45104-9886200-7
Marital Status	Single
Languages	English, Urdu, Punjabi and Sindhi.
Domicile	Ghotki (Rural)

## REFERENCES

Will be provided on request.