**Shoaib Ahmed Khatri** (**B.E ELECTRICAL**)

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| Address: | Dept: of Electrical Engineering MUET Jamshoro. |
| Cell: | +92-333-2202309. |
| Email: | shoaib.09el37.muet@gmail.com shoaib.ahmed@faculty.muet.edu.pk  |
| PEC Reg. No.: | ELECT/37814 |
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**EXPERIENCE:**

Working in MUET Jamshoro as Lecturer.

**ACADEMIC QUALIFICATION:**

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|  | **Master of Engineering (M.E)**Electrical Power*M.U.E.T Jamshoro* | CONTINUE |  |  |
|  | **Bachelor of Engineering (B.E)**Electrical Engineering*M.U.E.T Jamshoro* | 80.15% | IST Division | 2012 |
|  | **Intermediate** Pre-Engineering*B.I.S.E Hyderabad* | 67% | B-Grade | 2008 |
|  | **Matriculation**Science Group *B.I.S.E Hyderabad* | 80% | A1-Grade | 2006 |

**FINAL YEAR THESIS:**

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| **Topic:****Short description:** | **POWER QUALITY ANALYSIS OF INDUSTRIAL AND COMMERCIAL LOADS.**In that thesis power quality of power converter used in industrial and commercial devises were analyzed through software simulation with and without filter and results were shown both analytically and graphically. |

**INTERNSHIP TRAINING:**

**1-MONTH**  **THERMAL POWER HOUSE, JAMSHORO**

This Power Station comprises of four units having total capacity of 850 MW. Unit No.1 250 MW Japan origin is Furnace oil fired, whereas Units 2, 3 and 4 of 200 MW China Origin each are dual fired i.e. Gas/Furnace Oil.

**LEARNING:**

* Study the single line diagram of Thermal Power Station. Working Principle of thermal power station. Check out the main and auxiliary components of Power Station.
* Getting familiar with different Protection schemes used for protection of Alternator, excitation system of generator etc.
* Synchronization of unit with Infinite Bus. Switching yard for transmission of electrical power.

**10 -DAYS**  **THATTA CEMENT CO. LTD, THATTA**

Thatta Cement is one of the leading high quality cement producers in Sindh. The plant is completely automatic it used DCS and PLC system for automation and control.

**LEARNING:**

* Connections of Magnetic Contactor and EOCR for switching and protection of Induction Machines, PFI panel & various motor starters.
* Monitoring and switching of Central Grid equipment like online tap changing of transformer, switching loads etc.
* Starting, monitoring and synchronizing diesel generator.
* Installation of cables in L.T/H.T panels via underground tunnels,

**1-MONTH**  **PAKISTAN STEEL**

Pakistan Steel Mills is a global competitive, multi-billion [state-owned megacorporation](http://en.wikipedia.org/wiki/Category%3AState_corporations_of_Pakistan) and the producer of the long rolled steel and heavy metal products and entities in the country.

**LEARNING:**

* Working of thyristor controlled DC machines in rolling mills.
* Repairing, rewiring and Testing of Transformers, AC and DC machines.
* Distribution of Electrical power in factory through dispatch centers.

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**TECHNICAL VISITS:**

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| * Siemens, Karachi.
 | * 500, 200, 132 KV Grid Station, Jamshoro.
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| * KESC Karachi.
 | * RCC South, Jamshoro.
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| * KESC Dispatch Centre Ghizri, Karachi
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**MEMBERSHIPS WITH PROFESSIONAL ORGANIZATIONS:**

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| * Pakistan Engineering Council (PEC) Registration No:-
 |  ELECT/37814 |

**GRADUATE ASSESSMENT TEST (GAT GENERAL):**

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| * **Test Score:**
 | 57 | * Percentile Score:
 | 83.87 |

**SEMINARS AND PROFESSIONAL COURSES:**

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| * Participation in **Symposium 2012**
 | * Participation in **IMTC** conference 2012
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| * Participation in **Nex 11** competition
* Course on **Information and Networking Infrastructure of the Smart Grid.**
 | * **PLC** Programming Course.
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**COMPUTER SKILLS:**

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| * Microsoft Office (Word, Excel, Power Point)
 | * Microsoft Windows (XP, Vista, Windows8)
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| * Internet Surfing
 | * Visio
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| * PLC Programming using ladder diagrams.
 | * Electronic Workbench
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| * MATLAB simulation (Sim Power System)
 | * PSS Sincal
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**PERSONAL INFORMATION:**

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| * Father’s Name:
 | Siraj Ahmed | * Date of Birth:
 | 19th Dec, 1988 |
| * Nationality:
 | Pakistani | * Religion:
 | Islam |
| * C.N.I.C #:
 | 41409-5022794-1 | * Marital Status:
 | Single |
| * Domicile:
 | Thatta-R (Sindh) |  |  |

**LANGUAGES:**

* Fluent in English, Urdu and Sindhi.