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

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| 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:State_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. |
| * KESC Karachi. | * RCC South, Jamshoro. |
| * KESC Dispatch Centre Ghizri, Karachi |  |

**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 |
| * Participation in **Nex 11** competition * Course on **Information and Networking Infrastructure of the Smart Grid.** | * **PLC** Programming Course. |

**COMPUTER SKILLS:**

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

**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.