

# ABDUL REHMAN

📍 C/O M. Afzal Zahid Laboratory Unit, Plant Site,  
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- Academic Record**
- **UNIVERSITY OF ENGINEERING & TECHNOLOGY TAXILA ( 2011-2015)**  
BSc Electrical Engineering (CGPA, 3.00/4.00)
  - **Board of Intermediate and Secondary Education, Bahawalpur (2009-2011)**  
HSSC Pre Engineering (925/1100) 84.09%
  - **Board of Intermediate and Secondary Education, Bahawalpur (2007-2009)**  
Matriculation (953/1050) 90.76%

**Final Year Project** Implemented “**Design and Development of Power Grid Synchronization Failure, Detecting Trainer Subject to Voltage and Frequency Change**”

**Career Objective** To be the part of organized, fast growing group with objective of quality, excellence and modernization, to implement my engineering and management skills effectively for the growth of the company and myself.

## Experiences

- June-2016 to July-2017
- CPGCL GENCO-II THERMAL POWER PLANT GUDDU**  
**Trainee Engineer at 747-MW Combined Cycle Thermal Power Plant.**
- Conduct operational work at **747-MW** Combined Cycle Thermal Power Plant.
  - Coordination with different sections for maintenance of plant and perform safe plant stat-up and shutdown procedure to maintain optimum reliability of power and water plant equipment.
  - Fuel management and Coordination with NPCC about development of Load.
  - Prepare trip reports and event reports.
  - Trouble shooting.
  - Record plant failures, operational incidents and implement Health, Safety and Environmental Policy.
- June-25-2014 to July-23-2014
- Internee Engineer at Pakistan Ordnance Factory (POF) Wah Cantt**
- **Electrical Distribution Department**  
Learned and studied about whole distribution network in Wah Cantt
  - **Power House**  
Visited Thermal Power Plant and learned about power monitoring process.
  - **Electrical Maintenance Department**  
Learned mainly about rewinding of motors and other electrical equipment's

<b>Major Subjects</b>	<ul style="list-style-type: none"> <li>▪ Basic Electrical circuit (AC&amp;DC)</li> <li>▪ Basic Power Electronics</li> <li>▪ Introduction to Power Engineering</li> <li>▪ Electrical Machine's System</li> <li>▪ Power Generation &amp; Transmission</li> <li>▪ Power Distribution &amp; Utilization</li> <li>▪ Micro Computer System</li> <li>▪ High Voltage Engineering</li> <li>▪ Power System Analysis &amp; Operation</li> <li>▪ Power System Protection</li> <li>▪ Renewable Energy Systems</li> </ul>
<b>Additional Trainings</b>	<ul style="list-style-type: none"> <li>▪ <b>Programmable Logic Control, HMI and Introduction to SCADA</b></li> </ul>
<b>Industrial Tour</b>	<ul style="list-style-type: none"> <li>▪ <b>“Transfopower Lahore”</b></li> </ul>
<b>Term Projects and Achievement's</b>	<ul style="list-style-type: none"> <li>▪ Made Plasma Globe</li> <li>▪ Made Line Follower Robot</li> <li>▪ Digital Voltmeter, Ammeter, Frequency Meter.</li> <li>▪ Cyclo-converter in MATLAB (Simulink) in Power Electronics</li> </ul>
<b>Software Skills</b>	<ul style="list-style-type: none"> <li>▪ Proteus, Atmel Studio, Code Vision AVR, Matlab, Multisim, Turbo C++, Microsoft Word, Power Point and Excel.</li> </ul>
<b>Co-Curricular Activities</b>	<ul style="list-style-type: none"> <li>▪ International Member of Institute of Electrical and Electronics Engineers (IEEE) (Member No. 93362989)</li> <li>▪ Delivered Lecture on Microcontroller and Line Follower Robot</li> <li>▪ Participated in Graphics Designing in Adobe Photoshop Workshop at UET Taxila</li> <li>▪ Participated in NEO at GIKI</li> <li>▪ Participated in TECTIQS at Iqra University ISB</li> <li>▪ Participated in IJSEC at Muhammad Ali Jinnah University ISB</li> <li>▪ Participated in DICE at UET Taxila</li> </ul>