MUHAMMAD HAMMAD ABBASI

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Objectives

"To work with professionals to improve skills, Technical knowledge and to learn and use communication and team building skills as an Electrical Engineer"

Work Experience

Company : Pakistan Steel Mills – Karachi
Position : Intern
Duration : 8th Aug 2016 –2nd Sep 2016 (1 month)
Departments

- Power Distribution Network
- Cold Rolling Mill
- Power Equipments Repair Shop (electrical)
- Thermal Power Plant/ Turbo Blower Station

Overview of High Voltages, Transformers, Distribution panels, Battery house and AC relays. Overview of switch gear room where good learning experience of electrical equipments (Transformers, Generators, and Capacitor Banks) .Overview of warehouse where all electrical equipments are received. Overview of utility area, Process area and mechanical workshop.

Education

BE-ELECTRICAL - (2014-18)
DHA SUFFA UNIVERSITY
CGPA: 2.87

INTERMEDIATE- (2011-2013)
E-COMPEX COLLEGE
Percentage: 65.9%

MATRICULATION- (2009-2011)
SUFFA GRAMMAR SCHOOL
Percentage: 78.9%

Personal Skills

- Excellent communication & presentation skills
- Effective inter-personal skills
- Good economic analysis
- Application of numerical analysis techniques using programs such as MATLAB and Excel
- Ability to think critically and analyze information in an objective manner
- Enhance the ability to work independently or in groups to manage projects and meet deadline
- Good team working ability
- Hardworking
- Leadership

Projects

Final Year Project:

Designed a monitoring and controlling of solar and wind system for standalone/off Grid Load.

Company: DHA SUFFA UNIVERSITY

Deliverables:

- Monitoring system
- Switching system
- Solar charge controller
- Wind charge controller
- Pure sine wave inverter

Designing a “Hybrid System” that monitors the availability of renewable energies, And creating an automation system to harvest those energies in most efficient manners using MPPT technology. It delivers 1000 Watt power. This is enough to power up wide range of home appliances.

Semester Projects:

Power Inverter (sine wave and square wave)	0.2 volts to 35 volts Variable Power Supply
Boost converter/Buck converter	Microcontroller Based Water Level Indicator
Designing Of a PCB	LDR controlled Automatic Light Switch

Workshops

- One day workshop on safety and hazardous
- One day workshop on UPS and Batteries
- One day workshop on PLC
- Two days workshop on High Voltage Engineering

Area of Expertise

Matlab Simulink	LibreCad	Multisim Ultiboard
Proteus	Microsoft Office	Code Block
Lab View	PCB and Vero board circuit designing	kiCad

Extra Curricular Activities

playing Squash	Cricket
Swimming	Football

Languages

- Urdu
- English

References

Can be furnished