Curriculum Vitae

Hassan Ali Khan

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OBJECTIVE

Looking for challenging career, where there is scope for demonstration, always on a look out for a positive & bigger outlook, thrive on Imagination & Passion, Rigorous thinking and boundless curiosity, Set levels & standards that exceed expectations.

EDUCATION

YEAR	DEGREE	UNIVERSITY/BOARD	CGPA/Marks
Course work Completed	MS Electrical Engineering	The University Of Lahore	3.88/4.00 CGPA
2015	BS Electrical Engineering	The University Of Lahore	2.82/4.00 CGPA
2010	F.S.C	BISE Faisalabad	869/1100
2008	Matric	BISE Faisalabad	717/850

WORK EXPERIENCE

Internship at LESCO (July 2016 to June 2017)

Worked for 1 Year at Ali Raza Abad subdivision LESCO as an internee. Following tasks were performed by me during my internship

- Surveillance against theft of electricity.
- Supervised meter reading according to schedule.
- Audit of meter reading and meter snaps on daily basis.
- Reading of industrial meters.
- Feeder wise calculation of units received by subdivision on daily basis
- Calculation of total units received by subdivision on daily basis.
- Calculation of total units sold by subdivision.
- Preparation of detection bills.
- Maintaining loss level of units received and sold.
- Correction of feeder coding.

SEMESTER PROJECTS

- Voltage Doubler Circuit.
- Rechargeable torch light.
- Water level detection through sensor.
- Digital Clock using logic gates.
- Bidirectional control of dc motor.
- Infrared rays jammer.
- 8051 microcontroller based electrical switch.
- Rectification on a board.
- Maze solver robot using STM32 microcontroller

BS FINAL YEAR PROJECT

Modeling and Simulation for the PMLSM based on SVPWM.

SVPWM have unique advantages when applied to PMLSM control systems. In this project, principle and algorithm of SVPWM and mathematical model of PMLSM are analysed. Simulation model of Frequency Conversion Timing Control System is set up by MATLAB for PMLSM based on SVPWM algorithm. This provides a good simulation platform to examine the running characteristics of PMLSM. The simulation results show that the control system is accurate and practicable even though load disturbance exist.

LANGUAGES AND SOFTWARES STUDIED

- MATLAB
- NI Multisim
- Xilinx ISE
- PSPICE
- Microsoft Office
- Verilog
- C++

MAJOR COURSES

Power Systems, Power Transmission line, Power system Protection, Power System Analysis, Power System Stability and Load Flow, Power System Quality and Reliability, Transients in Power System, Insulation Co-ordination for Power System, High Voltage Engineering, Power System Operation and Control, Electrical Machine Design, Electric circuits analysis, Control systems, Electric Machines, Electronics.

OTHER SKILLS

- Can perform well independently as well as under supervision.
- Leadership.
- Excellent communication and presentation skills
- Highly inquisitive and good learning skills.

CO CURRICULER ACTIVITIES

- Member of SAFE society at UOL.
- Member of Literary society at UOL.

PERSONAL INFORMATION

Fathers Name:	Zaheer Ahmad Khan
Date of Birth:	28th Sep, 1992.
Languages:	Urdu, English, Punjabi.
Marital Status:	Single.
Hobbies:	Cricket, Cycling, Reading books.
Nationality:	Pakistani.

REFERENCES

References shall be furnished if required.