

CURRICULUM VITAE**ENGR. MUHAMMAD JUNAID**

S/O Muhammad Tahir

Mailing Address:

 F.G BOYS PUBLIC HIGH SCHOOL KHYBER ROAD PESHAWAR CANTT,KHYBERPAKHTUNKHWA PAKISTAN.

**Zip Code:** 25000**Date of Birth:** February 17, 1990**Domicile:** Khyber Pakhtunkhwa**Mobile:** +923459150634**CNIC:** 17301-1727253-3**PEC Registration Number:** ELECT/32521**Sex:** Male**Marital Status:** Single**Nationality:** Pakistani**Email:** nattest@gmail.com**Passport Number:** DL8792531**Religion:** Islam

OBJECTIVE	To utilize my potential, zest, leadership, engineering and technical skills for achieving excellence and apply all that I have learned to be part of a dynamic team.
ACADEMICS	<ul style="list-style-type: none"> ➤ M.S (IN PROGRESS) SARHAD UNIVERSITY OF SCIENCE AND INFORMATION TECHNOLOGY PESHAWAR (Electrical POWER Engineering) ✓ B.ENG (2011) COMSATS INSTITUTE OF INFORMATION TECHNOLOGY ABBOTTABAD (Aggregate Weighted %: 73.64) (Electrical POWER Engineering) ✓ H.S.S.C (2007) BOARD OF INTERMEDIATE & SECONDARY EDUCATION PESHAWAR (1st Division) ✓ S.S.C (2005) BOARD OF INTERMEDIATE & SECONDARY EDUCATION PESHAWAR (1st Division)
PROJECTS	<p><u>Semester Projects:</u></p> <ul style="list-style-type: none"> ✓ Design of Electrification in Salman Firdous Hostel for Constant Output Generator ✓ Glow of LEDs and Charging of Backup Battery using Solar cell ✓ Survey Report on Power Transmission System of Pakistan ✓ Automatic Control of PMDC Motor using 8051 (microcontroller) ✓ Hexa-decimal display using 8051 (microcontroller) ✓ Analysis of FACTS (Flexible AC Transmission System) Controllers
Final Year PROJECT	<ul style="list-style-type: none"> • Study and Determination of treeing Breakdown in solid insulation through HVAC,HVDC & Impulse (IEEE)
Supervision/ Co-Supervision of FYP(s)	<ul style="list-style-type: none"> • microcontroller Based Three Phase Impedance Relay • RF based Auto DAM controlling (In Progress)
SKILLS	<ul style="list-style-type: none"> • Hand on experience in different electronics components, Including PCB making. • Installment of electronic components on Bread Board, Printed Circuit Board etc. • Communication and Interpersonal skills. • Having an Average speed of 60 WPM on a standard Keyboard. • Hand on experience on PLCs, SCADA & HMI (HUMAN MACHINE INTERFACE) including wiring and simulation.
COMPUTER PROFICIENCY	<ul style="list-style-type: none"> • Engineering Soft wares: Etap Power Station, Electronic Work Bench, Auto cad, EMU 8086, Keil Micro-vision2, Power World Simulator, MATLAB (Coding, Simulink & GUI), Fortran power station, D-plot, Power Star, Circuit Wizard, Proteus, Cshop2, Orcad Pspice, Wolfram Mathematica, OPC SERVER, WinLogLite SCADA, GMWIN

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	<p>V4.04, TRiLOGI ,Cellular Automata, Simulation, LogixPro Simulation, PSIM PLC Editor/Emulator, Simtel.</p> <ul style="list-style-type: none"> • Programming Languages: C, C++ , Microsoft visual studio, MS DOS, FORTRAN, Assembly, HTML(little Bit), ladder logic (PLC Programming), SCADA Programming. • Packages & Misc: MS Office, Picasa3, ACDSee, Inpage, Adobe Acrobat Reader, Adobe Photoshop, Movie Maker, ULead Studio, DEAMON Tools, Alcohol 120, Winzip, Winrar, Nuclear Power plant Simulator. • Operating Systems: Linux (Red Hat & Ubuntu), MAC (Snow Leopard), MS Windows 95/98/NT/2000/XP/7/8. • Familiar with hardware of Computers and have A+ Hardware Certification.
MAJOR COURSES STUDIED	<ul style="list-style-type: none"> • Calculus (i, ii, iii) • Linear Algebra • Ordinary Differential Equations • Probability Theory and Random Variables for Scientists & Engineers • Engineering mechanics and thermodynamics • Digital logic design • Programming and Data Structure • Digital logic design • Introduction to Computer Programming • Algorithms and Data Structures • Report Writing Skills • Entrepreneurship • Corporate Law • Electric circuit Analysis (i, ii) • Electronics (i,ii) • Engineering Drawing • Signal and Systems • Electric Machines (i, ii) • Power Transmission • Power Electronics • Power System Analysis • Power System Operation and Control • Power System Protection • Microprocessor and MicroController interfacing • Control Systems Engineering • Power Generation • Power Distribution and Utilization • Electrical Measurement and Instrumentation • Numerical Computation • High Voltage Engineering
LANGUAGES	English, Urdu, Pashto, Hindko, Punjabi, Persian.
EXTRACURRICULAR ACTIVITIES & PROFESSIONAL MEMBERSHIP(S)	<ul style="list-style-type: none"> • Member COMSATS literary society (CLS). • Member of FUNKADA COMSATS. • Member of IEEE HERTZ COMSATS. • Chief coordinator of Power engineering society of COMSATS (PESCOM) • Captain of School, College, and now Member of Departmental Cricket Team. • Participated in College Science Exhibition. • Participated in the EMCOT & DICE. • Supervised Semester Projects at SUIT. • Remained College and School Proctor. • Member IAENG (International Association of Engineers) Hong Kong.

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INTERNSHIP(S)/ TRAINING(S)	<ul style="list-style-type: none">• PESCO Circle Abbottabad, <i>including all offices and Grid stations under it.</i> (Duration 2 months)• CHERAT Cement Co. Limited, <i>Electrical and Power Generation Dept.</i> (Duration 3 months)• Electrical Engineering Services, <i>Training on Delorenzo made Power System Equipments & Other AC/DC Motor/Generator Control Panels.</i> (Duration 3 months)
JOB(S)	<ul style="list-style-type: none">• LAB ENGINEER at (Electrical Engineering Dept), Sarhad University of Science & Information Technology (SUIT) (From January 2012 to date)
REFERENCES	Available on request