



ABOUT ME

A NUST graduate of electrical engineering, passionate, energetic, enthusiastic about making world a better place by finding solutions to problems through strong analytical, problem solving skills, and ideas.

CONTACT

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TECHNICAL SKILLS

MATLAB	<div><div></div></div>
PROTEUS	<div><div></div></div>
Multisim	<div><div></div></div>
PW Simulator	<div><div></div></div>
MS Office	<div><div></div></div>
Adobe PSD CS6	<div><div></div></div>
Adobe Illustrator	<div><div></div></div>

SHUJAAT ALI

EXPERIENCES

Jun-Jul 2017 : **WAPDA SKARDU**

Internee Electrical Engineering: Worked as internee at 17 MW Satpara Power Complex WAPDA

EDUCATION

2014-18 : **BE-Electrical Engineering | CGPA 3.28**

National University of Sciences & Technology-NUST

2012-14 : **Intermediate Education | 80.03%**

F.G Inter College Karachi Cantt (Pakistan)

2010-12 : **Matriculation | 87%**

Uswa Public School Yultar Skardu (Pakistan)

ACADEMIC PROJECTS

Carrier Based PWM of Cascaded Half-Bridge MLI-FYP

MLI using cascaded Half-Bridge topology which employs minimum power switches, to power AC loads upto 1kW with minimum possible percentage THD, lesser switching losses and increased efficiency. Renewable Energy sources such as Solar Panel can be interfaced with the project to get desired stepped output.

Boost Converter- Semester Project

Variable DC power supply- Semester Project

PMMC instrument circuit designing-Semester Project

Digital Dice using 555 timer IC-Semester Project

Water level controller using 8051 MC- Semester Project

ORGANIZATIONS/SOCITIES

Team Member- **ASHARE PNEC-NUST**

President- **Green Society Development Network BLN**

Workshops

Matlab- Simulation, Graphing, Coding- PNEC NUST

Proteus- Schematic & PCB layout designing

Adobe Photoshop- Ashrae PNEC-NUST

Hobbies/Interests: Content Writing, Graphic Designing, Reading Newspapers, Playing Cricket

Other skills : Freelancer: I do freelancing where I provide my services

as an electrical engineer in subjects Electric Circuit desgning, LCA, Electrical Machines etc & engineering softwares.

Columnist: Write English/Urdu columns in national newspapers i.e Daily Baad e Shimaal , DAWN

Designer: apart from studies I use to do graphic designing