



Muhammad Shehzad

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Education

FAST - National University of Computer and Emerging Sciences, Islamabad.

Bachelor of Science (Electrical Engineering)	2024
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Major: Power

Pujab College Of Commerce, 661-Peshawar Road, Rawalpindi, Cantt.

2017

F.Sc (Pre-Engineering)

Margalla Cadet College Murree (Private)

2015

Matric (Science)

Projects

Final Project: Realizing Subaquatic World using Remotely Operated Underwater Vehicle (ROV): System for the inspection of underwater cable, Turbines, and Dams' wall.

Semester Projects:

i. Digital Wattmeter using Arduino and Proteus.

ii. Fault Mitigation and Network Reconfigurations in Radial Feeders using Auto Recloser on Simulink.

iii. Development of a Power Transmission System from an Offshore Wind Farm using ETAP.

iv. Development of Overcurrent Protection of a Common House using Simulink.

v. Design of 660kV Mono-Polar HVDC Transmission System [Matlab].

vi. Room Automation System using Atmega32, Atmel Studio and C language.

Work Experience

Intern at **National Transmission and Despatch Company (NTDC).**

July 2024 – Aug 2024

Teacher Assistant of **Electromechanical System** at FAST NUCES ISB department of Electrical Engineering.

Spring 2024-Fall 2024

Skills & Tools

Professional Skills	Team Work, Team Management, Team Organization and Anger Management.
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Technical Skills	MATLAB, ETAP, Proteus, C, C++, Simulink, Homer Pro, PVsyst, Atmel Studio, Arduino IDE.
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Achievements

CGPA 3.51.

Trainings / Certification

Certificate of Participation in IEEE Project Exhibition at NaSCon'22 Event.

Activities

Attended Industrial Tour at 500kV Grid Station Rawat.

Joined Seminar AI Powered Technical And Business Writing by Aqib Javed (FAST Alumnus).

Interests

Playing Cricket, Football, Valley Ball, and Badminton.