



NAJWA TANVEER

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Date of Birth: 19/12/96

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EDUCATION & QUALIFICATIONS

Bachelors in Electrical Engineering (candidate) Namal Institute, Mianwali CGPA: 2.98/4	2021
Intermediate in Engineering PAEC Model College for Girls Chashma, Mianwali Marks: 884/1100	2017

PROFESSIONAL EXPERIENCE

Event Director/Environmental society of Namal Institue
2018

PROJECTS

A high efficiency onboard charger with V2G capability (FYP): Design an efficient onboard charger by minimizing switching losses.

Research paper: Minimizing the switching losses by using TPS technique (not published yet).

Rumba Robot (Embedded system): Hurdle's detection and path changing robot.

Bidirectional converters: Design a logic for bidirectional power flow in rectifier and DAB.

Audio Amplifier: Implementation of variable gain amplifier using discrete components. Simulated by using ORCAD.

Power Protection scheme: Design a protection system for given complex engineering problem.

Data base design project: Design a database by using python.

Research paper: Ethics while using social media.

ADDITIONAL EXPERIENCE

Volunteer, **Namal institute Mianwali**

- Promoted various events conducted at the university.
 - O week
 - Convocation
- 2018
2018

Décor Director, **Namal institute Mianwali**

- Designed charts, posters and pamphlets for promoting university events.

HONORS & AWARDS

- Merit based scholarship in Matric and FSC.
- Recognition certificate for getting excellent marks in matric.
- Recognition certificate of Hifz_e_quraan

SKILLS & INTERESTS

- Competent user of Microsoft Word, PowerPoint, MATLAB, Overleaf, ORCAD, Proteus. Power Sim
- Interests: Thinking, Freelancing, Cooking. Music