



Muhammad Tayyab Younas

Electrical Engineer

I am a multi talented person with a creative mind and a good grip on technical concepts related to my field

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EDUCATION

BS Electrical Engineering

Pakistan Institute Of Engineering and Applied Sciences.(PIEAS)

2014 – 2018

CGPA 3.51

Courses

- High Voltage Engineering
- Power Transmission Distribution and Utilization
- Power Electronics
- Communication Systems
- Power System Protection
- Power Generation

Intermediate FSC Pre Engineering

Superior Science Collage, Sargodha.

2012 – 2014

86% Marks

Matriculation (Science Group)

Blumen Garten School , Sargodha.

2010 – 2012

88% Marks

LEADERSHIP WORK

Editor in Chief Dareecha.

PIEAS' Annual Magazine 2016-18

09/2017 – Present

Dareecha is PIEAS Annual Magazine containing literary work.

Mentor at Career Counselling Sessions

IEEE PIEAS Student Branch

2016 – Present

The project aimed at career counselling of FSC/A Levels Students

Executive TEDx PIEAS

TEDx PIEAS 2017

2016 – 2017

A platform where renowned personalities share ideas worth spreading.

Project Takmeel (Member)

PIEAS Volunteer Society

2016 – Present

A project under which poor and needy children are supported financially to get education

Stand Up Comedy

IEEE Islamabad Section Congress 2016

2016 – 2017

Performed parody of many renowned personalities at social session of the event.

SKILLS & COMPETENCES

Microsoft Excel



MATLAB/SIMULINK



LT Spice



Altium



MULTISIM



PROJECTS

Real Time Performance, Control and Evaluation of Solar Power Plant. (09/2017 – Present)

- Final Year Project for the control of Grid connected Solar Power Plant.

220V/1kVA Inverter Design.

- Design of a 220V/1kVA sinusoidal PWM inverter powered by a single 12V battery

12 V Power Supply

- 0-12 Volts Variable Power supply using PCB Design

Timing sequential circuit design for a 4 way traffic signal

- Mini project in Digital Logic Design Course

TransCrafts

- Participant at national Entrepreneurship competition CREATE'15 aimed at making Transgender People employ and respectable in society.

Design of DC motor Drive.

- Design and Implementation of DC motor Drive using H Bridge.

Design of IDMT Relay in MATLAB/SIMULINK.

- Inverse definite minimum time (IDMT) Relay for the protection of transmission line in MATLAB/SIMULINK.

REFERENCES

Available on request

CERTIFICATES

Microsoft Office Specialist Excel 2013

MS Officially Certified.

INTERESTS

Cooking

Travelling

Painting

Management

Literature

Writing Fiction

Parody/Comedy