



Zain ul abdin


Nationality: Pakistani

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 **Address:** Village choora no-1,P/O Sukho,Tehsil Gujarkhan,District Rawalpindi, 47040
WAH CANTT (Pakistan)

EDUCATION AND TRAINING

M.Sc. Electrical Engineering

University of Engineering and Technology ,Taxila [24/10/2017 – 20/12/2019]

Address: University of Engineering and Technology ,Taxila, 47080 Taxila (Pakistan)

web.uettaxila.edu.pk

B.Sc. Electrical Engineering

Bahria University Islamabad [01/09/2013 – 22/09/2017]

Address: Shangrilla Rd, E-8/1, Islamabad, Islamabad Capital Territory, 04403 Islamabad (Pakistan)

bahria.edu.pk

F.Sc. Pre-Engineering (Higher Secondary School Certificate)

Federal Board of Intermediate and Secondary Education Islamabad [05/08/2010 – 07/08/2012]

Address: FBISE, Service Rd S, H 8/4 , Islamabad, Islamabad Capital Territory, 04403 Islamabad (Pakistan)

www.fbise.edu.pk

Matriculation (Secondary School Certificate)

Federal Board of Intermediate and Secondary Education Islamabad [05/08/2008 – 06/08/2010]

Address: FBISE, Service Rd S, H-8/4 , Islamabad Capital Territory, 04403 Islamabad (Pakistan)

www.fbise.edu.pk

WORK EXPERIENCE

Internship

National Institute of Electronics Ministry of Science and Technology [23/06/2016 – 05/08/2016]

City: Islamabad

Country: Pakistan

I worked on orientation session on electrical safety testing at Quality Testing and Certification centre of electronic products.

Internship

PNWA Computer Literacy Centre ACIT(Advance Course in IT) [01/01/2013 – 30/06/2013]

City: Islamabad

Country: Pakistan

RESEARCH PUBLICATIONS

Aiding Prosumers by Solar Cell Parameter Optimization Using a Hybrid Technique for Achieving Near Realistic P-V Characteristics

Journal: Institute of Electrical and Electronics Engineers **IEEE Access** (Impact Factor:3.367, Q1 Ranked)

Status: Published on 11-Dec-2020

Authorship: 1st Author

M.SC. THESIS (M.SC. ELECTRICAL ENGINEERING)

A New Hybrid Solar Cell Parameter Optimization Technique Providing Better Realistic P-V Characteristics

Supervision: Prof. Dr. Tahir Mehmood

B.SC THESIS (B.SC. ELECTRICAL ENGINEERING)

Design And Control Of A Pump Storage Power Plant Emulator

Supervision: Assistant Prof. Dr. Asad Waqar

RESEARCH INTERESTS

Research Interests

Machine Learning

Artificial Intelligence

Renewable and Sustainable Energy

Parameter Optimization

Distributed Energy Resources

SOFTWARE & TECHNICAL SKILLS

Software & Technical Skills

Matlab

Microsoft office

Technical Writing

SEO

Content Writing

Excel

Power Point

Cadence

FPGA Verilog

Arduino Microcontrollers

C++

Adobe Photoshop

LTSpice

PSpice

Proteus

MANAGEMENT AND LEADERSHIP SKILLS

Soil Conservation and Orchard Project

Managing and Implementing digital farming :

Land leveling

Solar Setup (5500W)

Drip Irrigation (8 Acre Project)

Fruit Trees Plantation

Organic Farming

LANGUAGES

Language Proficiency

Urdu (Native)

Potohari (Native)

English (Fluent)

HOBBIES AND INTERESTS

Hobbies

Singing

Cricket

Reading Books

Philanthropist

Tree Plantation

Agricultural Aptitude

REFERENCES

1.

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UET Taxila Pakistan

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