

PERSONAL INFORMATION



OBJECTIVE

WORK EXPERIENCE

03/07/2017-03/07/2018
(1 Year)

01/08/2016–30/04/2017
(9 Months)

01/06/2016–29/07/2016
&
02/01/2017-28/02/2017
(4 Months)

01/06/2015–31/07/2015
(2 Months)

EDUCATION

07/10/2013–18/08/2017

06/09/2011–06/05/2013

06/04/2009–21/03/2011

RESEARCH PUBLICATIONS

SHORT COURSE(S)

CURRICULUM VITAE

Muhammad Suleman Malik

📍 House # T-6572, Near Jamia Masjid Mushtaqabad, Nothia Jadeed, Peshawar Cantt, 25000 Peshawar (Pakistan).

☎ +92-91-5240166 📠 +923085677922 📞 +923479166613

✉ suleman2113@gmail.com ✉ engr.sulemanmalik@gmail.com

🏠 Pakistan Engineering Council Registration Number= ELECTRICAL / 63121.

To obtain a position that will allow me to utilize my technical, managerial, research and leadership skills along with experience and willingness to learn in making an organization successful.

Research Engineer & Teaching Assistant (Electrical Power & Renewable Energy)

U.S.-Pakistan Center for Advanced Studies in Energy, University of Engineering & Technology, Peshawar (Pakistan).

- Designing, Integration, Operation and installation of 5kW Solar Photo-Voltaic System, 500 W Pumped Hydro Storage System and Compressed Air Energy Storage System.
- Preparation of technical reports of project for presentation and research.
- Performing duties of Lab Engineer in High Voltage & Control System Engineering Lab.
- Assist course instructors and other faculty members in research & teaching.

Trainee Engineer (Electrical Power)

National Transmission & Dispatch Company, Peshawar (Pakistan).

- Operation, maintenance, protection & testing equipments of 500,220,132 kV electric power grid station.
- Technical report writing of 500,220,132 kV Electric Power Grid Station.

Trainee Engineer (Electrical Power & Renewable Energy)

Water & Power Development Authority, Peshawar (Pakistan).

- Operation of power generation & transmission system of Warsak Power Station.
- Analysis, observation and technical report writing of 132 kV grid station.

Trainee Engineer (Electrical Power)

Peshawar Electric Supply Company, Peshawar (Pakistan).

- Operation, maintenance, testing & Protection of 132 kV electric power grid station.
- Analysis, observation and technical report writing of 132 kV grid station.

BS Electrical Engineering (Power)

University of Engineering & Technology, Peshawar (Pakistan).

- CGPA: **3.52** out of 4.00 (**86.29 %**).
- Major Subjects: Electrical Power Generation & Utilization, Power Transmission & Distribution, Power System Analysis, Power System Protection, Power Electronics.

FSC (Pre-Engineering)

Islamia College, Peshawar (Pakistan).

- Marks : **83.63 %**.
- Major Subjects: Mathematics, Physics, Chemistry, English.

Matriculation (Science)

University Public School, Peshawar (Pakistan).

- Marks : **87.42 %**.
- Major Subjects: Mathematics, Physics, Chemistry, Biology, English.

[1]. Malik, Muhammad Suleman, et al. "Hybrid System for Electricity Generation using Waste Heat & Wind from Exhaust Duct of Generator." International Journal of Engineering Works 4.5 (2017): 101-107.

[2]. Malik, Muhammad Suleman, et al. "Fabrication of Flat Plate Solar Geyser with Flat Grooved Heat Exchanger Having Special Exit System." International Journal of Engineering Works 4.10 (2017): 172-177

- Electrical Drafting Designing & Techniques (2D) by National Institute of Design & Analysis (**4 weeks**) .

PERSONAL PROJECTS

- Domestic Micro Hybrid Electric Power System.
- Hybrid Electricity Generation System using Waste Heat & Wind from Exhaust Ducts.
- 4 Stage Voltage Doubler Circuit.
- Auto Intensity Control of Street Lights.
- Domestic & Commercial Electricity Wiring Design & Load calculations.

MEMBERSHIPS

- International member of Institute of Electrical & Electronics Engineers (**IEEE**).
- Student member of Renewable & Alternative Energy Association of Pakistan (**REAP**).
- International member of Power & Energy Society (**PES**).
- Executive member of Literary & Debating Society (**LDS**).

HONORS & AWARDS

- Best student award in final year at the school.
- 1st Position holder award during 7,8,9th standard at school.
- 1st Position holder award in Mega Science Exhibition 2010.
- Semi finalist in Clean Technology Competition by United Nation Industrial Organization.
- Appreciation for implementation of FYP at Warsak Hydroelectric Power Station Pakistan.

CONFERENCES

- National Conference on Green Energy Technologies (April 12,2018).
- National Conference on Green Energy Technologies (May 18, 2017).
- International Conference on Sustainable Energy Technologies (September 12-13, 2017).

PERSONAL SKILLS

Mother tongue(s)

Hindko

Other Language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C1
Urdu	C2	C2	C2	C2	C2
Pashto	B1	A1	C1	B2	A2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

TECHNICAL SKILLS

- Good command in Office Suite (Word, Presentation,Excel).
- Good command in Photo Editing.
- Good command in making 3D models in sketch up 2018
- Good command in Electrical designing in AutoCad.
- Good command in C & C++ Computer language.
- Good command in Proteus, keil ,P-spice, Workbench.
- Good command in Matlab programming & Simulink.

MANAGERIAL SKILLS

- Group leader of final year project.
- Organized many different events of LDS,IEEE & REAP.
- Organized tests & seminars of Entrance Test Preparation & Engeecon.

REFERENCES

- Prof. Dr. M. Naeem Arbab , Email : mnarbab@yahoo.com , +923339108908.
- Engr. Faheem Ali , Email : faheem@uetpeshawar.edu.pk , +923469000030.
- Engr. Rana Javaid , Email: jemewskhps@gmail.com , +923339223624.
- Engr. Aimal Khushal ,Email: aimalkhushal72@gmail.com, +923008560046.
- Engr. Zakir khan, Email : zakirkhan746@gmail.com, +923341950617.