





PERSONAL INFORMATION

Abdul Mujeeb



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 Sex Male | Date of birth 23 October 1996 | Nationality Pakistani | Passport# AE0536841

RESEARCH INTEREST

CFD, Solar Energy, Heat and Mass Transfer, Energy Efficient Buildings.

RESEARCH EXPERIENCE

CFD, Solar Energy, Heat Transfer and Mass Transfer, Energy Efficient Buildings.

WORK EXPERIENCE

June 2021–Present

Lecturer

Mechanical Engineering Department, NED UET, Karachi

Responsibilities:

- To conduct the undergraduate theory classes and labs based on outcome based education (OBE).
- To supervise undergraduate final year projects as well as semester projects.
- To perform the departmental and administrative work assigned by head of department.

PUBLICATIONS

1. Effect of Solar Radiation on different building orientation [Under Review]
2. Water system design & modification for a manufacturing company (Midas Safety) [Under Review]

EDUCATION AND TRAINING

2018–2020

Master in Mechanical Engineering

3.68 CGPA

NED University of Engineering & Technology, Karachi (Pakistan)

▪ **Major Courses:**

Energy Management & Conservation, Energy Modeling & Forecasting, Maintenance Engineering, Project Management, Operations Research, Accounting & Finance, Organizational System, Strategic Planning & Decision Making

▪ **M. Eng. (Energy & Plant Management) Thesis Project:**

“Numerical Study to investigate the impact of geometrical dimensions and inclination angle of glass cover to enhance the solar still productivity”.

2014–2018

Bachelor in Mechanical Engineering

3.44 CGPA

NED University of Engineering & Technology, Karachi (Pakistan)

▪ **Major Courses:**

Thermodynamics, Fluid Mechanics, Clean Energy Technology, Heat & Mass Transfer, Refrigeration & Air Conditioning, Engineering Mechanics, Machine Design, Solid Mechanics, Production Engineering, Internal Combustion Engines and Mechanical Vibrations.

▪ **BE (Mechanical Engineering) Thesis Project:**

“Productivity Improvement By Optimum Utilization of Machinery, Manpower and Energy in manufacturing industry”.

PERSONAL SKILLS

Mother tongue(s) Urdu, Sindhi

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C1	B2	C2

Communication skills ▪ Good communication skills gained through my experience as Engineer and Lecturer.

TECHNICAL SKILLS

AutoCAD, CFD, EnergyPlus, RET Screen, Google Sketchup, Mini Tab, MATLAB

ADDITIONAL INFORMATION

Honours and Awards ▪ Received Laptop from Prime Minister of Pakistan.

Seminars and Trainings ▪ Attended various CPD (Continued professional development) programs conducted by Pakistan Engineering Council.
 ▪ Four weeks' internship/training at Orient Energy Systems Karachi (Pakistan).
 ▪ Four weeks' internship/training at HMC Taxila (Pakistan).

References ▪ **Prof. Dr. Murtuza Mehdi**
Professor
 Department of Mechanical Engineering,
 NED University of Engineering &
 Technology
 Email: drmurtuza@neduet.edu.pk

▪ **Prof. Dr. Muhammad Shakaib**
Professor
 Department of Mechanical Engineering NED
 University of Engineering & Technology,
 Karachi (Pakistan)
 Email: mshakaib@neduet.edu.pk