



Faculty Profile

Full Name: Engr. Ikram UI Islam

Position/ Designation: Assistant Professor

Faculty/Department: FEPS/Mechanical

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Short Introduction

Motivated academic and researcher in **Mechanical Engineering**, with over 20 years of combined experience in industry, entrepreneurship, and higher education. Specialized in **renewable energy systems, solar power, HVAC, and thermodynamics**. Dedicated to advancing research and teaching in sustainable energy technologies and engineering education.

Experience

Lecturer – *NED University of Engineering & Technology (2018 – 2020)*

- Taught courses in Thermodynamics, Power Cycles, and Renewable Energy.
- Supervised final-year projects related to energy efficiency and solar systems.

Industry Experience

Entrepreneur / Business Owner – *Solar Installation Business (2010 – 2017)*

- Designed and installed **solar PV systems** for residential and commercial clients.
- Conducted energy audits and delivered customized renewable energy solutions.
- Led teams for installation, maintenance, and client training.

Regional Service Incharge – *VPL Limited (Volvo Pakistan Limited) (2006 – 2010)*

- Managed service operations across the region.
- Supervised maintenance and troubleshooting of Earth moving equipments.



- Developed strategies for improving service efficiency.

Service Engineer – *SAS Corporation (2002 – 2006)*

- Provided after-sales service and technical support.
- Managed installation, testing, and maintenance operations.

HVAC Engineer – *Habibullah Associates (1998 – 2002)*

- Designed and implemented HVAC solutions for commercial projects.
- Conducted performance testing and system optimization.

Educational Information

- **ME Engineering (Energy)** – NED University of Engineering & Technology, Karachi – 2016
- **MCS Computer Science** – University of Karachi – 2001
- **BE Mechanical Engineering** – NED University of Engineering & Technology, Karachi – 1997



Achievements, Research/Publications

- Over 20 years of combined experience in academia, industry, and renewable energy business.
- Successfully supervised multiple undergraduate projects in energy engineering.
- Promoted renewable energy adoption through solar installation ventures.
- Contributed to teaching excellence at NED University as Lecturer.