



## Faculty Profile

**Full Name:** Engr. Adeel Ahmed Khan

**Position/ Designation:** Lecturer

**Faculty/Department:** Mechanical Engineering

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### Short Introduction

Appointed as Lecturer BS Technology program (Evening) in Mechanical Engineering Department of Nazeer Husain University on 10-11-2023. Graduated in Mechanical Engineering from NED University Karachi in 2002. Did Masters in Mathematics from Federal Urdu University Karachi.

Received 06 months Certificate training course for CNC Manufacturing and Programming through CAD/CAM Pro-E Software from KTDMC (Karachi Tools Dies Moulds Center) in 2010.

Working as Senior Engineer in PCSIR laboratories Karachi on regular basis and serving as in charge of CNC machining section. Responsibility includes training on CAD/CAM and programming on CNC machines. Also look after the production work on Conventional machines like lathe, milling and surface grinders.



## Experience

After passing out from NED university worked in the following companies /Govt Sector

Worked as junior engineer in M/s Allwin engineering Pvt Ltd. Responsible for the production line and quality control of automobile radiators manufactured in ALLWIN

Also Served in the casting and machining section of Allwin engineering where brake liner drums are being casted and machined up to required dimensions.

In 2008 Joined as Junior Engineer BPS 17 in PCSIR laboratories as regular employee. During first 5 years in PCSIR inducted in the fitting and fabrication section of PCSIR KLC and act as section in charge of the above section

In 2017 till now date working as in charge (Senior Engineer BPS-18) of CNC machines installed in engineering workshop of PCSIR KLC where students from educational institutes and other industrial technicians and engineers get training on CAD/CAM techniques and programming and operations on CNC lathe and milling machines.

## Educational Information

1. Secondary School Certificate SSC 1994 in A grade from Sindh Board of Higher Education Karachi.
2. Higher Secondary Certificate HSC in 1997 in A grade from Board of Intermediate education Karachi.
3. Bachelor of Engineering (Mechanical) from NEDUET Karachi in 2002 in 1<sup>st</sup> division.
4. Masters of Mathematics from federal Urdu university of science arts and technology in 2007 in 1<sup>st</sup> division.



## **Achievements, Research/Publications**

Submitted patents in the field of engineering about :

1. Design and development of Axial flux motor for Vertical Axis Wind Turbine.
2. Submitted a patent on the design and fabrication of coal gassifier for the extraction of petroleum by products from waste wood material.