



## DIRECTORATE OF INDUSTRIAL LIAISON

NED University of Engineering & Technology

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**'SAY NO TO CORRUPTION'**

Dated: 27-6-2025

# Mechanical Design Engineer

## Qualification/ Requirements

- BE Mechanical Engineering (CGPA 3.0+)
- 1-2 years of relevant experience
- Proficiency in theoretical & practical concepts of mechanical engineering: Material Science, Solid & Fluid Mechanics, Aerodynamics, Mechanical Vibrations and Heat & Mass Transfer.
- Hand-on experience with Mechanical CAD and CAE tools including Solidworks / NX and Ansys / Comsol Multiphysics.
- Understanding of manufacturing processes for metal and composite materials
- Well experienced with mechanical CAD modelling, drafting, Structural and CFD analysis
- Excellent verbal & written communication skills

## JOIN US

Send your resume at: [intell.ndt@gmail.com](mailto:intell.ndt@gmail.com)

With subject title "MDE"

Please mention your CGPA in resume

Job Location: NUST PNEC Karachi

Integrated  
Navigational  
Terrestrial  
Electromagnetic  
Lab



## Job Responsibilities

- Develop detailed designs of mechanical systems and devise fabrication processes in coordination with senior team members as per the project requirements
- Conduct FEA and CFD analysis for assessment and validation of designs
- Develop engineering drawings and carry out quality assessment tasks throughout the fabrication process
- Carryout independent research & literature review as per project requirements
- Coordinate mechanical design & manufacturing related activities with the interdisciplinary project teams

**Apply latest by 20 July 25**

**NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY (NUST PNEC) KARACHI**

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