



## DIRECTORATE OF INDUSTRIAL LIAISON

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**'SAY NO TO CORRUPTION'**

Dated: 25<sup>th</sup> Nov, 2025

# Hardware Design Engineer

## Mandatory Requirements

- Minimum BE Electrical / Electronics / Mechatronics (CGPA 3.0+)
- Knowledge of microcontrollers, control systems, digital logic, DSP, electronics/robotics
- Knowledge of programming languages specially Python and OOP concepts
- Experience in developing microcontroller-based applications, including but not limited to Arduino, ESP32, Raspberry Pi, etc

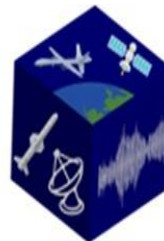
## Preferred Requirements

- Experience with 3D modelling software using Solidworks including solid and surface modelling, assembly and manufacture ready drawings
- Experience in PCB design software such as Proteus, EagleCAD, NI Multisim & Ultiboard
- Relevant projects in electronics, robotics, control systems, industrial electronics
- Experience with RTOS system

## JOIN US

Send your resume at: [intell.ndt@gmail.com](mailto:intell.ndt@gmail.com)  
With subject title "HDE"  
Please mention your CGPA in resume  
Job Location: NUST PNEC Karachi

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## Job Responsibilities

- Design and development of digital electronics products
- Developing custom solutions for various Hardware/Software interfacing applications using existing APIs/SDK and user-defined scripts
- PCB designing and manufacturing
- Work closely with teams from other disciplinary areas (analog circuit design, mechanical design and manufacturing) to devise functional solutions to various design problems
- Involvement with various development & implementation projects and support requests
- Design and modelling of hardware components

**Apply latest by 10 Dec 2025**

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

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