



DIRECTORATE OF INDUSTRIAL LIAISON

NED University of Engineering & Technology

University Road, Karachi-75270 Pakistan

Tel: (+92-21) 99261261-8, Ext: 2274, 2218, Email: dil@neduet.edu.pk



'SAY NO TO CORRUPTION'

28-07-2025



Vertron Technologies Pvt Ltd

SUB: HIRING OF FRESH ENGINEERS

1. Electronics Engineer – R&D Department

Objective: Design, prototype, and test new electronic products, systems, or improvements to existing designs.

Key Responsibilities

Research and develop electronic hardware components and embedded systems.
Design and simulate analog/digital circuits using tools like Altium Designer, OrCAD, or KiCAD.
Create and test PCB layouts.
Work with microcontrollers, FPGAs, and SoCs.
Conduct reliability and performance testing.
Collaborate with software/firmware teams on integration.
Prepare design documentation and BOMs (Bill of Materials).

Required Skills

Strong knowledge of circuit theory, signal processing, and embedded systems.
Experience with PCB design and hardware simulation tools.
Proficiency in C/C++ & JAVA for embedded systems.
Understanding of EMI/EMC design practices.
Familiarity with test instruments (oscilloscopes, logic analyzers, etc.).

Qualifications

B.E./B.Tech or M.E./M.Tech in Electronics/Electrical/ECE or related field.
Relevant R&D experience preferred.
★ Soft Skills
Problem-solving mindset.
Strong documentation and presentation skills.
Collaboration in cross-functional teams.

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2. Electronics Technician/Engineer – PCB Fault Tracing & Troubleshooting

Objective: Diagnose and repair issues in electronic circuit boards and systems, supporting product reliability.

Key Responsibilities

Inspect and diagnose faults in PCBs using schematics and test tools.
Repair/rework SMT and through-hole components.
Use diagnostic tools: multimeters, oscilloscopes, logic analyzers.
Maintain repair logs and feedback loops to R&D for recurring issues.
Support production and field teams with real-time debugging.
Assist in root cause analysis (RCA) for critical failures.

Required Skills

Excellent understanding of analog/digital circuits.
Hands-on soldering and desoldering skills (SMD & THT).
Ability to read and interpret circuit schematics.
Familiarity with ESD-safe handling practices.
Firmware re-flashing and board-level tests.

Qualifications

Diploma or B.E./B.Tech in Electronics/ECE.
A similar repair/testing/troubleshooting role.

Soft Skills

Patience and detail orientation.
Team communication, especially with R&D and QA teams.
Analytical thinking and logging/reporting discipline.

Interested Candidates send their cvs at info@vertrontech.com with job title in subject line.



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