East Zone

Post	No. of Posts	Location	Eng. Disp.	Post qualification Experience profile, in the field of
PE-C	1	Durgapur (DSP)	EEE	SCADA HMI development and PLC logic programming using FBD, ladder logic, Structured Text along with installation, commissioning, testing & maintenance of RTUs, PLCs and SCADA Systems, relay panels, CT/PT wiring & interconnection and configuration of MFMs and Numerical relays over RS232/RS485 interfaces, specifically in Electrical substation automation projects / Power distribution projects.
TO-C	1	Guwahati	ECE/ETC/CSE/IT	Maintenance of IT hardware/computer peripherals, network switches, application support, knowledge of DBMS (My SQL)
TO-C	1	Kolkata	ECE/ETC	Testing of communication Radios/RF systems & Modules/Digital systems & Modules and handling & operation of Test equipment. In house testing & repairs of Radio systems /Modules. Job includes visits to customer sites for proving, installation, commissioning and repairs.

(Reservations: for PE-C posts UR-1; for TO-C posts UR-2)

North zone

Post	No. of Posts	Location	Eng. Disp.	Post qualification Experience profile, in the field of
TO-C	1	Amritsar	CSE/IT	Maintenance of IT Hardware/Computer peripherals, network switches, Application support, Knowledge in DBMS (My SQL)
TO-C	1	Allahabad	CSE/IT	Support / development of software application with knowledge on RDBMS
TO-C (Cat.1)	1	Delhi CBRN Site	ECE/ETC/E&I	Industrial Experience in Electronics Manufacturing & Testing. Production planning & Control, Quality control process. Installation & Commissioning of electronics systems. Knowledge of Basics of Computers and MS-Office
TO-C (Cat.2)	2	Delhi CBRN Site	CSE/IT	Industrial Experience in development/coding in Java/C#, testing tools, Database systems of MS SQL/PostgreSQL/MySQL. Knowledge about configuration of servers & storage, Networking & security.

(Reservations: UR-3, OBC-1, SC-1)

West zone

Post	No. of Posts	Location	Eng. Disp.	Post qualification Experience profile, in the field of
TO-C	2	Mumbai	ECE/ETC	Testing of communication Radios/RF systems & Modules/Digital systems & Modules and handling & operation of Test equipment. In house testing & repairs of Radio systems /Modules. Job includes visits to customer sites for proving, installation, commissioning and repairs.

(Reservations: UR-2)

Hyderabad

Post	No. of Posts	Location	Eng. Disp.	Post qualification Experience profile, in the field of
PE-C (Cat.1)	2	Hyderabad	ECE/ETC	Working knowledge in various types of RF Systems and understanding of microwave theory-Parameters, RF Communication, Transmission lines, Waveguides, RFPassive and active devices such as Filters, PA, LNA, PLL, Frequency conversion etc. Experience with RF circuit design in RADAR or Communication systems. Working knowledge of RF EDA tools like Keysight, ADS/SystemVue/Genesys/AWR Microwave office and 3D EM analysis software like HFSS/CST MWS/FEKO etc. Simulation, analysis, testing & qualification, integration and performance evaluation of Radar/systems. Knowledge of RF component characteristics and experience in using RF Test and Measurement instruments like Vector Network Analyser, Spectrum analyser, Signal Generator, Power meter, Arbitrary Waveform Generator, Oscilloscope etc. Electronic equipment manufacturing and testing for Defence applications. Development and testing of Target echo simulators.
PE-C (Cat.2)	1	Hyderabad	ECE/ETC	FPGA systems, Firmware development / RTL implementation in VHDL language for Xilinx based FPGA system. EDA tools like Vivado, Vitis, SDK. Driver Development in embedded software. Embedded system design (VLSI / embedded software/ micro-controller based designs). Work experience in MIL1553 modules and application development for MIL1553 communication.
PE-C (Cat.3)	1	Hyderabad	EEE	Essential: PCB electronics design/testing/debugging. Servo motor based applications. Usage of lab electrical and electronic measurement instruments. Carrying out electrical tests & environmental tests as per test procedure Desirable: Schematic and PCB design using CAD tools. Simulation of electro mechanical system using MATLAB or similar tool. Control system based applications. Ability to use wire crimping tool, soldering station and other lab tools for debugging PCB.
PE-C (Cat.4)	2	Hyderabad	Mechanical	Design & Engineering, Preparing 3D models using Creo/Solidworks. 2D Drawings using AutoCAD Software. Knowledge of Structural & Thermal Analysis using ANSYS. Experience in Integration and testing of mechanical systems. Knowledge of Indian Standards, DIN & ISO Standards.
PE-C (Cat.5)	1	Hyderabad	CSE/IT	Developing GUI based application, data handling using Database and online report generation in web format/PDF format. Real time data acquisition and processing of the acquired data in real time. Knowledge of Communication protocols like RS232/RS485/CAN/MIL1553/Ethernet etc. Programming knowledge of creating sockets, accessing networks using TCP/IP or UDP. BSP/Driver/API development for VME/PCI/PCIe bus based IO Cards. Knowledge in Programming Languages such as C, C++, VC++/.Net Framework, LabVIEW. Web Design Language/Script such as PHP, JavaScript/CSS/Bootstrap, Html, XML. Operating System knowledge: Windows, Linux, RTOS (preferably QNX). Database Knowledge: SQL, MySQL, MS Access.

Post	No.	Location	Branch	Job Description
PE-C (Cat.6)	1	Hyderabad	ECE/ETC	Embedded systems / Electronic circuit design; Computer language such as C, C++, Embedded C (mandatory); Database languages viz. MySQL, MS SQL & SQ Lite; Development Environment, QT Creator & KEIL; Hardware (ARM, CORTEX-A8 Processor, Microcontroller)
TO-C (Cat.1)	8	Hyderabad	ECE	Embedded hardware design and testing. Field experience in Installation and Testing of Antenna Control Systems, experience in coding embedded software. Servo motors and amplifiers testing. Operation of tracking receivers. RF-Engineer: Onsite installation of Antenna Systems, Integration of RF Equipment, Testing of RF Chain after integration for RF characterisation of the system. Familiar with operation of RF measuring instruments such as Spectrum Analyser, Signal Generator, Vector Network Analyser. Experience in RF Software such as Ansys HFSS, CST Microwave Studio is preferable
TO-C (Cat.2)	3	Hyderabad	CSE/IT	Development of Graphical User interface in QT, Java/C-Sharp/C++. Coding, Software porting & testing on Windows platform and Linux. Data handling with MySQL/DBMS and Data Scheduling and plotting with QT/C#.Net. Should have knowledge of TCP/IP, Modbus, Profinet, Serial/Ethernet protocols.
TO-C (Cat.3)	5	Hyderabad	Mechanical	CAD Software such as Solid Works, AutoCAD or similar Tools to prepare Engineering Model, Drawings. Mechanical QC Inspection. Production & maintenance experience. Installation of heavy & tall structures. Handling of 3 axis, 5 axis machining programs.
TO-C (Cat.4)	2	Hyderabad	Civil	Construction/execution of civil works. Drawings, Auto-cad, Staad Pro, Quantity Estimation & Tendering work. Operation of surveying Instruments like Levelling & Theodolite.
TO-C (Cat.5)	2	Hyderabad	Electrical	Handling/maintenance of plant machinery such as welding machines, CNC machines, EoT Cranes, distribution panels, LT panels etc. Also shall have hands on experience in preparation of electrical drawings, layouts etc.
TO-C (Cat.6)	3	Hyderabad	Mechanical	Engineering drawings preparation using AutoCAD software. Knowledge of 3D modelling software tools like Solid works.
TO-C (Cat.7)	2	Hyderabad	Mechanical	Studying, preparation of 2D & 3D drawings using solid works and AutoCAD, knowledge in standards and procedures such as welding, materials, manufacturing processes etc.
TO-C (Cat.8)	8	Hyderabad	ECE/EEE/EIE/ETE	Schematics design, block schematic & wiring diagram in ORCAD & E3 Software. Assembly & control systems modules assembly. Inspection & troubleshooting of PCBs. Testing of modules, JIG development & Embedded/FPGA systems.
TO-C (Cat.9)	2	Hyderabad	CSE/IT	Knowledge of Programming Languages: C, C++, VC++/.Net Framework, LabVIEW. Web Design Language/Script: PHP, Java Script/CSS/Bootstrap, Html, XML. Operating System Knowledge: Windows, Linux, RTOS (preferably QNX). Database Knowledge: SQL, MySQL, MS Access. BSP/Driver/API development for VME/PCI/PCIe bus based IO Cards.
TO-C (Cat.10)	2	Hyderabad	ECE/CSE	Technical support during the product manufacturing for both hardware and software and Project executions at sites. Preferable to have knowledge on data base SQL commands and Linux commands.

Post	No.	Location	Qualification	Job Description
TO-C (Cat.11)	2	Hyderabad	ECE/ETC/CSE/IT	C, C++, Qt Frame work, Re-pair of Computers, Installation of Operating systems like Windows, Linux on Servers, work stations etc.
TO-C (Cat.12)	3	Hyderabad	Mechanical	Experience in operation, maintenance, integration, understanding of drawings and quality check of mechanical systems
TO-C (Cat.13)	1	Hyderabad	ECE/ETC/EEE	Testing & troubleshooting of Electronic boards, Installation & Commissioning of Electronic systems at sites with sound understanding of basics of Electronics.
TO-C (Cat.14)	1	Hyderabad	ECE/ETC/ Electronics	Testing, Maintenance/Installation of Electronic & Electric equipment
TO-C (Cat.15)	2	Hyderabad	Mechanical	Machine operation & maintenance. QA & QC activities. Knowledge in documentation by using MS Word, Excel etc.
TO-C (Cat.16)	2	Hyderabad	EEE	Preparing electrical schematics in standard software's like AutoCAD Electrical or KiCAD. Testing of magnetic components like transformers & inductors and other High voltage resistors and capacitors. Handling of high voltage pulse power systems.
TO-C (Cat.17)	1	Hyderabad	ECE/ETC	RF & Microwave components such as directional couplers, Circulators, RF load, wave guides etc. Proficient in RF circuit simulation tools such as AWR, MWO, ADS and HFSS etc. Testing of RF systems by using VNA, RF signal generator, RF Power amplifiers attenuators RF load etc.
TO-C (Cat.18)	1	Hyderabad	Mechanical	Proficient in Creo and CATIA for 3D modelling, and AutoCAD for 2D drafting. Capable of 3D modelling and preparation of detailed engineering drawings, including General Assemblies (GA), Bill of Materials (BOM), mechanical assemblies, and detailed component drawings. Knowledge of raw materials, Geometric Dimensioning & Tolerance (GD&T), and machining processes.
TO-C (Cat.19)	1	Hyderabad	CSE/IT	Development in C++/Java Coding with DBMS, Software porting & testing on Windows/Linux platform.
O-C	1	Hyderabad	B.Sc. (Physics)	Research labs or projects involving radiation sources, detectors or accelerator components. Familiarity with radiation safety protocols and calibration.

(Reservations: for PE-C posts UR-4, OBC-2, SC-1, ST-1; for TO-C posts UR-22, EWS-5, OBC-14, SC-7, ST-4)