

Annexure-I (Advt. No. 19/2022)

Candidates should possess a First-Class (with minimum 60% in aggregate) B.E. / B.Tech Degree with at least three years of post-qualification & relevant experience (as on 31/07/2022).

| Post Category | No. of posts | Place of posting | B.E./B.Tech Discipline | Experience profile (at least 3 years post-qualification, in the field of) | Vertical / Division |
|---------------|--------------|------------------|------------------------|---|---------------------|
| Category-1 | 2 | Hyderabad | CSE | Software Development in ASP, Database Design, Linux Programming | Security / SSPD |
| Category-2 | 1 | | ECE | Embedded design, C / C++ Programming, QT Technologies | |
| Category-3 | 2 | | CSE | IBM/BPM and DB Tools (MySQL, MS SQL & SQ Lite); Computer languages (C, C# C++, Java, HTML, JS); Basic Networking with DCDR environment, VM exposure, FileNet etc. Customer support experience on above languages & developmental activities; | |
| Category-4 | 4 | | ECE | 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) | |
| Category-5 | 1 | Mumbai | Mechanical | Mechanical panels / structures / piping / tubing related design, engineering, fabrication works & quality checks | Nuclear / CnID |
| Category-6 | 2 | Hyderabad | CSE / IT | Software development for nuclear control systems applications | Nuclear / RPD |
| Category-7 | 2 | | ECE / EEE | PCB Design / preparation of engineering drawings in ORCAD / E3 | |
| Category-8 | 2 | | Mechanical | Design/assembly/QC of components for Nuclear power plants. | |
| Category-9 | 5 | Hyderabad | ECE / EEE | PCB Design / preparation of engineering drawings in ORCAD / E3 | Nuclear / CAD |
| Category-10 | 1 | Hyderabad | ECE | Unit level Integration & Testing of RF chain consisting of front end units, Power Amplifiers, Receivers, Jammer & Search and Monitor Entities etc. in EW domain; Operation of tactical communication Radios for field testing of the EW subsystems; Operation of Test equipment required for Unit / System level testing; Understanding of EW functionalities of Search, Monitor & Jamming | Defence / EWD |
| | 1 | Bhatinda | | | |
| Category-11 | 1 | Bhatinda | CSE | Database installation, porting, testing of EW software functionalities, in standalone & Integrated modes of Entities; Repair and maintenance of Operator Post Consoles; Operation of tactical communication Radios for field testing of the EW subsystems | |
| Category-12 | 2 | Hyderabad | ECE | Design, Development and Testing of FPGA based Embedded Systems with knowledge in programming using VERILOG HDL or VHDL. Knowledge of DSP algorithms related to Communication Systems. | Defence / MCD |
| Category-13 | 1 | | ECE | Circuit schematic, PCB Design, Layout, Routing, Analysis working on design tools i.e. Allegro, CAD or CADSTAR, etc. | |
| Category-14 | 1 | | Mechanical | Mechanical Design, 3-D modelling and simulation, CAD/CAM tools like Solid works, ProE, Production Engineering, Geometric Dimensioning and Tolerance (GD&T), Design and Development of Electronic equipment enclosure / chassis, thermal design, simulation and management. | |

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|---------------|---|-----------|-------------------------|---|------------------|
| Category-15 | 1 | Hyderabad | CSE | C / C++, Programming skills in QT Framework, OS Configuration, RHEL, Inter process communication and Software Testing | Defence / SED |
| Category-16 | 1 | | CSE | Software Programming on QT Framework, C++, C, Socket Programming and Database with SQL & ORACLE | |
| Category-17 | 1 | | ECE | RF & Microwave | |
| Category-18 | 1 | | Mechanical | Designing with Solid works, CATIA, AUTOCAD | |
| Category-19 | 1 | | Electrical | Power System Integration & Testing | |
| Category-20 | 1 | Hyderabad | Mechanical | 3D Modelling & Designing with CATIA | Defence / SPD |
| Category-21 | 1 | | CSE | Embedded Systems & Chip level programming with C & C++. | |
| Category-22 | 1 | Hyderabad | ECE | FPGA platforms, development in VHDL, Verilog & C platforms, Design analysis using simulation tools ISIM, ModelSIM, debugging tools Chip Scope. | Defence / TCD |
| Category-23 | 1 | | ECE | PCB design & tools Cadence, Cadstar, Allegro etc.; design of multi-layer PCB more than 14 layers, signal routing analysis, layout/Gerber design | |
| Category-24 | 1 | | CSE | embedded system software, C, C++, debugging and profiling of software | |
| Category-25 | 1 | | CSE | Android SDK, Java, Kotlin, C, C++ and JNI, Frame work Java FX, QT and Visual Studio/.NET, Debugger GDB | |
| Category-26 | 2 | Hyderabad | Mechanical | Design tools such as Solid works, CATIA, ANSYS, Auto CAD, HyperMesh | Aerospace / APSD |
| Category-27 | 3 | | ECE / EEE | RF Microwave Engineering with hands on experience in Ansoft HFSS, Ticra (2); Embedded software, C++, Java, .Net (1) | |
| Category-28 | 1 | | CSE | C++, Java, .Net, PHP, QT and Visual Studio | |
| Category-29 | 1 | Ambala | ECE / Electronics / ETC | Networking, Installation and configuration of router, switches, LAN/WAN technologies; VSAT equipment like Antenna control units, Feeds, Modems, BUCs, LNBCs and measuring VSAT parameters; Installation of Operating systems like Windows, Linux on Servers, work stations etc.; Operating test equipment like Signal Generator, Spectrum Analyzer, BER meter; Maintenance support to any big project involving servers, workstations, networking & VSAT equipment. | CSD |
| | 1 | Jodhpur | | | |
| | 1 | Narangji | | | |
| | 1 | Digaru | | | |
| Category – 30 | 1 | Mumbai | CSE | Software development in Java, PHP and MS SQL | |
| Category – 31 | 1 | Hyderabad | ECE / EEE / E&I | Testing / Maintenance of Radiological Detection Equipment / repairing of microcontroller PCB / any electronic PCB / power supplies / maintenance of PCs | |

Reservations for above posts shall be as per the Presidential directives.
