

1 SCIENTIFIC OFFICER (C) – ONE POST - UNRESERVED

Qualification & Experience:

(a) Full Time Bachelor's Degree Course in Engineering of B.E./B.Tech. (with aggregate minimum of 60% Marks) in Electronics / Electronics and Communication / Electrical and Electronics / Electronics and Telecommunication OR Master's Degree in Science in Electronics / Electronic Sciences (with aggregate minimum of 60% Marks) from a recognized University/Institute.

(b) Minimum One Year experience in the relevant field.

Job Description:

The candidate will likely be working on the design and development of electronic systems for the ongoing phase-2 upgrade program of the CMS experiment at the LHC. The candidate should be able to design multilayer PCBs using CAM/CAD software (Altium Designer is preferred). The candidate should be able to develop test benches from scratch using Xilinx Vivado/ISE for FPGA ('Xilinx') based embedded systems and to implement RTL design (Verilog or VHDL). The candidate is anticipated to create intricate firmware for the project's trigger and/or DAQ pipeline. For the aforementioned project, the candidate is expected to test and troubleshoot various electronic test systems. The candidate should be comfortable using instruments used in laboratories, such as function generators, mixed-signal oscilloscopes, and digital multimeters, and should have extensive knowledge in C, C++, and Python coding languages.

Desirable Qualification: Candidates with experience in the relevant field will be given preference.

NOTE : Above post was advertised against Advertisement No. 2024/4; Sr. No. 3. This is a re-advertisement with revision. Candidates who applied against Advertisement No. 2024/4; Sr. No. 3 need not apply again since their applications will be rescreened based on the criterion mentioned above.

Mode of Recruitment: Interview.

2 SCIENTIFIC OFFICER (B) – ONE POST – UNRESERVED

Qualification & Experience:

(a) Full Time Masters degree in Science (from a recognized University/Institute with aggregate of 60% marks) in Computer Science / Information Technology / Electronics / Electronics and Communication.

OR

(a) Full Time Degree in Engineering (B.E. / B. Tech) (from a recognized University/Institute with aggregate of 60% marks) in Computer Science / Information Technology / Electronics / Electronics and Communication.

(b) Minimum 2 years' experience.

Desirable Qualification and Experience:

1. Experience in the installation and upgradation of Linux, Windows, macOS for PC & Server and Installation of hardware and supervision of its maintenance. These include servers, desktops and mobile devices.

2. Troubleshoot system and network issues, diagnosing and solving hardware or software faults.

3. Experience in System/Network administration.
4. Candidates with post-education experience will be given preference.
5. Ability to work in a team.

Job requirement:

1. Installation of hardware and supervision of its maintenance. This includes servers, desktops and mobile devices.
2. System and network administration on Debian/Ubuntu GNU/Linux systems.
3. Installation and maintenance of all appropriate software needed by the users on Debian/Ubuntu GNU/Linux, Windows and macOS.
4. Maintenance and operation of equipment for online classes and meetings.
5. DNS, DHCP, NIS, NFS, Mail, Web, Storage, and Print server updating, maintenance and upgradation of software.
6. Configuration of Wi-Fi on various devices for members of the department.
7. Installation and maintenance of printers, scanners and all related peripherals.
8. User queries: assisting members of the department in using hardware and software of GNU/Linux, Windows and macOS.
9. IT infrastructure management
10. Support for discussion meetings/conferences and other events as needed.
11. Knowledge of basic web development tools like HTML, CSS, etc.
12. Providing expertise on the selection of appropriate hardware and assisting in its purchase and installation.
13. Procurement, maintenance and operation of all peripheral equipment.
14. Knowledge of LaTeX typesetting software.
15. Knowledge of computer networks and security.
16. Should be open to and capable of acquiring new skills as required.
17. Good communication and interpersonal skills.
18. Any other activity related to the above that may arise.
19. Upgradation of yourself on a continuous basis.
20. Job requirement may be updated later on.

Mode of Recruitment: Written Test and Personal interview (qualified upto top eight candidates from written test will be interviewed).

3 ADMINISTRATIVE ASSISTANT (B) – ONE POST – RESERVED FOR PERSONS WITH BENCHMARK DISABILITY (ORTHOPEDEICALLY HANDICAPPED)

Qualification & Experience:

- (a) Graduate from a recognised University /Institute with aggregate of 55% marks.
- (b) Proficiency in word processing/data base/accounting procedures.
- (c) 5 years' experience in Accounts/ Purchase/ Stores/General Admin /Establishment in a large and reputed organization.

Desirable Qualification and Job Requirement:

- (a) The applicant should have basic knowledge of Government Rules and Regulations in Financial preferably GFR, Establishment and Service matters.
- (b) Proficiency in oral and written official correspondence.

(c) Expert knowledge of MS Word, Excel, PowerPoint, and other MS Office applications as well as E-mail applications.

(d) Experience in handling all clerical duties and confidential matters will be highly preferable.

Mode of Recruitment: Written Test and Skill Test.

4 SUPERVISOR (CANTEEN) – ONE POST - UNRESERVED

Qualification & Experience:

(a) 3 years Degree in Hotel Management & Catering Technology or Equivalent from recognised University/Institute.

(b) 2 years experience as supervisor/manager in a large hotel/hostel/Company.

(c) Knowledge of use of personal computers and its applications.

(d) Good communication skills.

Desirable Qualification and Experience:

a) Minimum 2 years' Experience in managing Restaurants/ Canteen, Kitchen and/or Dining facilities of any Hotel (5 Star and above), Government/PSU/Autonomous/Private concern having strength of 200 staff

Mode of Recruitment: Written Test Only OR Written Test and Skill Test/Trade Test.

5 SUPERVISOR (CANTEEN) – ONE POST – RESERVED FOR ECONOMICALLY WEAKER SECTION

Qualification & Experience:

(a) 3 years Degree in Hotel Management & Catering Technology or Equivalent from recognised University/Institute.

(b) 2 years experience as supervisor/manager in a large hotel/hostel/Company.

(c) Knowledge of use of personal computers and its applications.

(d) Good communication skills.

Desirable Qualification and Experience:

a) Minimum 2 years' Experience in managing Restaurants/ Canteen, Kitchen and/or Dining facilities of any Hotel (5 Star and above), Government/PSU/Autonomous/Private concern having strength of 200 staff

Mode of Recruitment: Written Test Only OR Written Test and Skill Test/Trade Test.

6 CLERK (A) – ONE POST- UNRESERVED

Qualification & Experience:

(a) Graduate from a recognised University/Institute with aggregate of 50% marks.

(b) Knowledge of typing.

(c) Knowledge of use of personal computers and applications – supported by certificates from the government recognized institutions.

(d) Minimum 1 year experience in clerical duties and correspondence in large and reputed organization.

Desirable Qualification and Experience: Graduate degree in Science, Commerce or Arts with additional diploma / certificate course in Materials Management/ Supply Chain Management". In addition, working knowledge of GEM, CPPP etc. with experience of working in Purchase /Stores Department in an organisation of repute will be an added advantage.

Mode of Recruitment: Written Test and Skill Test.

7 CLERK (A) – ONE POST- RESERVED FOR SCHEDULED TRIBE

Qualification & Experience:

(a) Graduate from a recognised University/Institute with aggregate of 50% marks.

(b) Knowledge of typing.

(c) Knowledge of use of personal computers and applications – supported by certificates from the government recognized institutions.

(d) Minimum 1 year experience in clerical duties and correspondence in large and reputed organization.

Desirable Qualification and Experience : Candidate should have experience in Establishment / Accounts / General Administration / Purchase / Stores works. Proficient in MS Word, Excel, PowerPoint, and other MS Office applications. Should possess basic knowledge of Government rules and regulations related to Establishment and service matters etc. Drafting skills in English are highly preferable.

Mode of Recruitment: Written Test and Skill Test.

8 WORK ASSISTANT- (AUXILIARY) – TWO POST - UNRESERVED

Qualification & Experience:

(a) S.S.C. OR Equivalent (Central/State Board Examinations).

(b) Minimum One-year experience in a reputed Canteen / Catering establishment.

Desirable Qualification and Experience:

a) Minimum one year certificate course in Food and Beverage service from a recognized Hotel Management Institute or Equivalent University/Institute.

b) Minimum one year Experience in multitasking role (Commissary/F&B Service/Cosmetic Maintenance) in the Restaurants/ Canteen, Kitchen and/or Dinning facilities of any Hotel (5 Star and above), Government/PSU/Autonomous/Private concern having strength of 200 staff.

Mode of Recruitment: Written Test and Trade/Skill Test.

9	<p><u>WORK ASSISTANT- (AUXILIARY) – TWO POST - RESERVED FOR ECONOMICALLY WEAKER SECTION</u></p> <p>Qualification & Experience:</p> <p>(a) S.S.C. OR Equivalent (Central/State Board Examinations).</p> <p>(b) Minimum One-year experience in a reputed Canteen / Catering establishment.</p> <p>Desirable Qualification and Experience:</p> <p>a) Minimum one year certificate course in Food and Beverage service from a recognized Hotel Management Institute or Equivalent University/Institute.</p> <p>b) Minimum one year Experience in multitasking role (Commissary/F&B Service/Cosmetic Maintenance) in the Restaurants/ Canteen, Kitchen and/or Dinning facilities of any Hotel (5 Star and above), Government/PSU/Autonomous/Private concern having strength of 200 staff.</p> <p>Mode of Recruitment: Written Test and Trade/Skill Test.</p>
10	<p><u>WORK ASSISTANT- (AUXILIARY) – ONE POST- RESERVED FOR OTHER BACKWARD CLASS</u></p> <p>Qualification & Experience:</p> <p>(a) S.S.C. OR Equivalent (Central/State Board Examinations).</p> <p>(b) Minimum One-year experience in a reputed Canteen / Catering establishment.</p> <p>Desirable Qualification and Experience:</p> <p>a) Minimum one year certificate course in Food and Beverage service from a recognized Hotel Management Institute or Equivalent University/Institute.</p> <p>b) Minimum one year Experience in multitasking role (Commissary/F&B Service/Cosmetic Maintenance) in the Restaurants/ Canteen, Kitchen and/or Dinning facilities of any Hotel (5 Star and above), Government/PSU/Autonomous/Private concern having strength of 200 staff.</p> <p>Mode of Recruitment: Written Test and Trade/Skill Test.</p>
11	<p><u>WORK ASSISTANT (AUXILIARY) – ONE POST - UNRESERVED</u></p> <p>Qualification & Experience:</p> <p>(a) S.S.C. OR Equivalent (Central/State Board Examinations).</p> <p>(b) Minimum One year experience as an Office Attendant / Office Boy.</p> <p>Desirable Qualification and Experience: Candidates with basic typing skills (English) and knowledge of office procedure will be preferred.</p> <p>Mode of Recruitment: Written Test and Skill Test.</p>
12	<p><u>PROJECT SCIENTIFIC OFFICER (C) – THREE POSTS - UNRESERVED</u></p> <p>Qualification & Experience:</p> <p>(a) Full time Degree in Engineering (BE/B.Tech with aggregate of 60% marks) from a recognized university/institute in Computer Science / Information Technology.</p> <p>(b) Experience: Minimum one-year experience in relevant field.</p>

Desirable:

Experience / Certification in Java and Oracle

Job Requirement:

The candidate should have

- (a) a clear understanding of web application development concepts using JSP/ Servlets/ Angular/ Spring/ Hibernate
- (b) Have good programming skills in Java and PL/SQL
- (c) Have clear concepts of DBMS and SQL
- (d) be active and open to acquiring new skills
- (e) have good communication and interpersonal skills.

Job Profile: The candidate will be required to

- (a) work in a software development team for web application development using Java, Angular, Spring frameworks, android based applications, PL/SQL
- (b) resolve bugs in existing software

Mode of recruitment: Interview.

13 TRADESMAN TRAINEE – WELDER (G&E) - ONE POST – UNRESERVED

Qualification : ITI i.e. National Trade Certificate (NTC) (60% marks) awarded by National Council of Vocational Training (NCVT) in the trade of **Welder (G&E)**.

Job Requirement : To work in the cryogenic facility in shift duties.

Mode of Recruitment: Written Test and Trade/Skill Test.

14 TRADESMAN TRAINEE – FITTER - ONE POST – UNRESERVED

Qualification : ITI i.e. National Trade Certificate (NTC) (60% marks) awarded by National Council of Vocational Training (NCVT) in the trade of **Fitter**.

Job Requirement : To work in the cryogenic facility in shift duties.

Mode of Recruitment: Written Test and Trade/Skill Test.

General Information :

1. All the above posts are tenable at TIFR, Colaba, Mumbai.
2. Selected candidates for all above posts are liable to be transferred to other Centres/Field Stations of the Institute, if required.
3. Higher starting salary could be considered for deserving candidates for all above posts.
4. The appointment for the above post at Sr. No. 12 is temporary and may be renewed each year up to a total period of three years depending upon performance.
5. The appointment for the post at Sr. No. 13 & 14 is limited to the period of **one year**.
6. Selected candidates for all above posts will be required to work on Saturday/Sundays and holidays, as per the exigencies of the Institute.