



TATA INSTITUTE OF FUNDAMENTAL RESEARCH
(Autonomous Institution of the Department of Atomic Energy, Government of India)
Sy.No.36/P, Gopanpally Village, Serilingampally Mandal, Ranga Reddy Dist.
Hyderabad – 500 046, Website: www.tifrh.res.in

Advertisement No. 2026 / 05

Applications are invited for the following posts tenable at Hyderabad.

Sr. No.	Name of the Post	Reservations						Age limit (years)	Pay Level & Pay Stage as per 7 th CPC	TME
		UR	SC	ST	OBC	PwBD	EWS			
1.	Scientific Officer (C)	-	-	-	-	-	1	28	Pay Level -10; Pay Stage 1	Rs. 1,18,110/-
2.	Project Scientific Officer (B)	1	-	-	-	-	-	28	Rs. 84,200/- Consolidated Pay (including HRA)	
3.	Project Junior Engineer (B) - Civil	1	-	-	-	-	-	28	Rs. 63,900/- Consolidated Pay (including HRA)	

Abbreviations: UR – Unreserved, SC – Scheduled Caste, ST- Scheduled Tribe, OBC- Other Backward Class, PwBD – Persons with Benchmark Disabilities, EWS - Economically Weaker Section, TME -Total Monthly Emoluments.

1.	<u>SCIENTIFIC OFFICER (C) – One (01) Post (EWS):</u> <u>Essential Qualifications:</u> Full time Degree in Engineering (BE/B.Tech with aggregate of 60% marks) from a recognized university / institute in Mechanical Engineering/ Industrial Engineering/ Production Engineering. <u>Essential Experience:</u> Minimum two (02) years experience in Product Design (CAD and CAE), Precision Machining using 5-axis CNC machines, Engineering Materials, Manufacturing Process Planning & Control, Jigs & Fixture Design and Quality Control (CMM etc.). <u>Desirable Experience:</u> Program in NX CAM, Tool/ Job Setup and Operate heidenhain TNC640 based 5 axis milling machine. <u>Job Requirements / Responsibilities:</u> i) Involved in Design & Development, Precision Modern Manufacturing, Tracking, Control and Management tasks for development of technically challenging components/products, required in present and future TIFR programs. ii) Additionally, take responsibility in managing/assisting in maintenance of scientific instruments requiring mechanical, electronics and instrumentation inputs. iii) Candidate should possess proven critical thinking & problem-solving skills, mathematical aptitude and communication abilities.
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	<u>Mode of Recruitment:</u> Written Test and / or Skill Test and / or Personal Interview.
2.	<u>Project Scientific Officer (B) – One (01) Post (UR):</u> Temporary for one (01) year and may be renewed each year up to a total period of two (02) years depending upon performance and requirement (or) until the project period and maximum upto three (03) years. <u>Essential Qualification:</u> Full-time Master's Degree in Science (Biochemistry / Biotechnology / Chemistry / Analytical Chemistry / Life Sciences / Pharmaceutical Sciences or related disciplines) from a recognized University/Institute with aggregate of 60% marks. <u>Essential Experience:</u> Minimum three (03) years full time active experience in a laboratory with Mass Spectrometry, Metabolomics, Small-molecule/metabolite extraction and analyses, isotope tracer studies, or isotope ratio mass spectrometry analyses. Experience should be supported through certified letters from previous employers. <u>Job Requirements/Responsibilities:</u> - Independently operate and manage Liquid Chromatography Mass Spectrometry (LC-MS/MS, LC-QTOF-MS and related platforms), including instrument tuning, calibration, performance monitoring, preventive maintenance, troubleshooting and method development. Assist in establishing and validating analytical workflows for targeted and untargeted metabolomics applications. - Perform metabolite extraction and sample preparation from diverse biological matrices including tissues, serum, plasma, urine, cultured cells and other biological specimens. Conduct data acquisition, processing, interpretation and reporting of metabolomics and mass spectrometry datasets. Support investigators in experimental design and data interpretation. - Carryout data analyses for stable-isotope based results (stable isotopes of hydrogen and/or carbon) - Develop and maintain expertise in mass spectrometry software platforms and metabolomics databases. Perform qualitative and quantitative analysis of metabolites, statistical analysis of datasets and pathway interpretation. Develop expertise in advanced data visualization andof metabolomics results. - Establish and maintain quality control and quality assurance procedures for Mass Spectrometry analyses. Monitor instrument performance, maintain calibration records and ensure compliance with laboratory SOPs and facility guidelines. - Maintain online and offline records of sample receipt, processing, analysis and data storage. Keep detailed documentation of instrument maintenance, troubleshooting activities, consumable inventory, service contracts and procurement of accessories and laboratory supplies. - Participate in user training, preparation of SOPs, facility documentation, research collaborations and development of new analytical methods for Mass Spectrometry and Metabolomics applications. The candidates must furnish an up-to-date CV and a MANDATORY one-page cover letter in which the candidates should describe their professional background and experience, their motivation for applying to this particular position and in which terms they consider themselves suitable for this position. <u>Mode of Recruitment:</u> Written Test and / or Skill Test and / or Personal Interview.

3.

Project Junior Engineer (B) Civil: One (01) Post (UR):

Temporary for one (01) year and may be renewed each year up to a total period of three (03) years depending upon performance and requirement.

Essential Qualification:

Full time Diploma in Civil Engineering (from a recognized University/Institute with aggregate of 60% marks).

Essential Experience:

Minimum two (02) years full time experience in supervision of civil works.

Desirable Experience:

Experience in working AUTO CAD for preparation Building and Site Layout plans as per DCR of GHMC, Preparation of Estimates and Bill of Quantities as per CPWD norms, Site supervision/coordination and reporting daily progress to the Department, Checking of Registers and Quality control Manuals given by Architects/Consultants, etc.

Job Requirements/Responsibilities:

- a) Collecting data from end users and collating them in the formats given by Architects, for planning Office, Academic and Laboratory Spaces for Phase I of TIFR-H Master Plan
- b) Organizing interaction meetings with Architects and end users of TIFR.
- c) Carrying out minor modifications and additions/alterations in AUTOCAD of layouts given by Architects to suit requirements of end users and submitting them back to Architects for finalization.
- d) Coordination of site visits by statutory and state government authorities for getting approvals for TIFR-H Master Plan and Building Plans in coordination with Architects and DCSEM.
- e) Record keeping of all correspondence with Architects, DCSEM, Statutory authorities, etc.

Mode of Recruitment: Written Test and / or Skill Test and / or Personal Interview.

GENERAL INFORMATION:

1. The above posts are tenable at TIFR, Hyderabad.
2. Selected candidate for the above posts are liable to be transferred to other Centers / Field Stations of the Institute, if required.
3. Higher starting salary could be considered for deserving candidate for the post of Sr. No. 1.
4. a) For the post of Sr. No. 1, the appointment will be initially for a period of three (03) years, including probation period of one (01) year. Continuing appointment beyond the initial period of three (03) years will be subject to the results of a comprehensive review and performance appraisal. After successful review, the appointment is continued till superannuation age, which is sixty (60).

b) For the post at Sr. No. 2, the appointment is temporary and non-pensionable for one (01) year and may be renewed each year upto a total period of two (02) years depending upon performance and requirement (or) until the project period and maximum upto three (03) years.. The candidate will not have any claim for any permanent or temporary appointment in the Institute either during or after the project period.

c) For the post at Sr. No. 3, the appointment is temporary and non-pensionable for one (01) year and may be renewed each year upto a total period of three (03) years depending upon performance and requirement. The candidate will not have any claim for any permanent or temporary appointment in the Institute either during or after the project period.

5. Selected candidates for all the above posts will be required to work on Saturday/Sundays and holidays, as per the exigencies of the Institute.
6. Prescribed age should not exceed as on closing date for receipt of online applications i.e. **July 31, 2026 (Friday)**. Age relaxation as per rules.
7. For the post of Sr. No. 1, selected candidate for the post will be governed by National Pension System applicable in the Institute [unless already governed by CCS (Pension) Rules 1972].
8. Posts for the general category (Unreserved) – SC/ST/OBC/EWS/PwBD candidates can also apply. Candidates applying for EWS reserved post should not be covered under the scheme of reservation for SCs, STs and OBCs.
9. Applications from the candidates will be accepted **ONLY ON-LINE**.
10. Applicants in Government/ Semi-Government/ Public Sector Undertaking, if called, will be able to participate in the recruitment process only upon submission of NOC from the competent authority, at the time of selection process.
11. On-Line applications must be submitted by **July 31, 2026 (Friday)**.
12. The candidates are required to produce following original documents with copies at the time of recruitment process:
 - a) Printout of online application form.
 - b) Identity Proof (Aadhaar Card / Election Card / PAN Card/Passport/Driving License).
 - c) Date of birth/Proof of age.
 - d) Educational Qualification (all mark sheets and certificates). In case Universities/Board award letter grades/CGPA/CGPI/OGPA, the same will have to be indicated as equivalent percentage of marks as per the norms adopted by the University/Board. In the absence of the same, the candidature will not be considered. While submitting original documents for verification, the candidates will have to produce the norms of the University/Board for conversion of grades/CGPA/CGPI/OGPA to equivalent percentage of marks.
 - e) Experience certificate/s.
 - f) Character certificates from two respectable persons.
 - g) SC/ST/OBC/EWS & PwBD certificate (wherever applicable) in the Government of India format.
 - h) Latest CV
 - i) One page covering letter describing professional background and Experience, their motivation for applying to this particular position and in which terms they consider fit for job.

- j) EWS candidates should submit a valid copy of EWS certificate issued by competent authority in the Government of India (GOI) format. The EWS certificate in GOI format should be preferably for the current financial year on the date of closing of application or utmost not earlier than one year from the date of closing of application. Acknowledgement receipt of submission of application for EWS certificate for current financial year will also be accepted (If selected, the candidate has to submit EWS certificate for the current financial year).
- k) PwBD candidates applying for the unreserved post should be suffering from not less than 40% of the disability for the benefit of age relaxation. Candidates will have to submit a Disability Certificate issued by the competent authority in the prescribed format.
13. a) Outstation candidates called for recruitment process for the post at Sr. No. 1 will be paid single first class (non-air conditioned)/ III Tier A/C return fare for the journey by the shortest route from the nearest railway station of their place of residence on the production of photocopies of onward and return journey tickets.
- b) Outstation candidates called for recruitment process for the posts at Sr. no. 2 & 3 will be paid single second class return train fare for the journey by the shortest route from the nearest railway station of their place of residence to the nearest railway station of the place of Interview on the production of photocopies of onward and return journey tickets.
- “If you travel by air, you are required to purchase air tickets ONLY from 1) M/s Balmer Lawrie & Company Limited (BLCL) 2) M/s Ashok Travels & Tours (ATT) 3) Indian Railways Catering and Tourism Corporation Ltd. (IRCTC). BOOKING THROUGH THE WEBSITE OF AIRLINES IS NOT ALLOWED. The air-fare for such candidates will be restricted to the eligible return train fare on production of tickets and boarding passes”.
14. The Institute reserves the right to restrict the number of candidates for the recruitment process to a reasonable limit on the basis of qualifications and experience higher than the minimum prescribed in the advertisement. Mere fulfilling the essential and desirable qualifications and experience will not entitle an applicant to be called for the recruitment process. More vacancies may also be filled through this advertisement. The Institute reserves the right not to fill any/some posts herein advertised. Canvassing in any form shall disqualify the candidate.
15. Before applying for the posts, the candidate should ensure that they fulfill the eligibility and other criteria. Recruitment authorities would be free to reject application not fulfilling the requisite criteria, at any stage of recruitment, and if erroneously appointed, such candidates shall be liable to be terminated from service if appointed.
16. The institute reserves the right to conduct written tests, skill tests, interviews etc. online/in-person.
17. If you are facing any difficulty while applying through online, please write to recruitment@tifrh.res.in giving a brief nature of the difficulty you are facing.
