



सीएसआईआर - केन्द्रीय इलेक्ट्रॉनिकी अभियांत्रिकी अनुसंधान संस्थान
CSIR - CENTRAL ELECTRONICS ENGINEERING RESEARCH INSTITUTE
विज्ञान तथा प्रौद्योगिकी मंत्रालय / MINISTRY OF SCIENCE & TECHNOLOGY,
भारत सरकार / GOVT. OF INDIA
पिलानी, राजस्थान (भारत) / Pilani, Rajasthan - 333031 (INDIA)



Advertisement No. 02/2023 Dated 29.08.2023

Last date for submission of Online application: 28.09.2023

Advertisement for the post of TECHNICAL OFFICER

Opportunities for an Exciting Career in Technical Staff in a premier R&D Institute

CSIR-Central Electronics Engineering Research Institute (CSIR-CEERI), Pilani is a premier Research & Development Institute in the field of Electronics established under the aegis of Council of Scientific & Industrial Research (CSIR) established in 1953. It undertakes multi-disciplinary R&D activities and projects in the broad areas, namely: (1) Intelligent Systems Group; (2) Microsystem Packaging Group; (3) Semiconductor Device Design Group; (4) Semiconductor Device Fabrication Group; (5) Societal Electronics Group; (6) Vacuum Electron Devices Design Group and (7) Vacuum Electron Devices Development Group. CSIR-CEERI also has a Centre at Chennai and campus at Jaipur.

Applications are invited **ONLINE ONLY** from the eligible Indian citizens to fill up the vacancies for the following Technical positions as per the details given below for locations at Pilani/Chennai/Jaipur:

Designation	No. of Posts	Pay Matrix (7 th CPC)	*Total Emoluments (per month)	**Upper Age Limit not exceeding (as on last date of online application)
Technical Officer	UR-03, SC-01, OBC-01, EWS-01, PwBD-HH-01 (Total 07)	Pay Level-7 ₹44900-142400	₹66,314/- (Approx.)	30 years

* Total Emoluments mean approximate total emoluments on a minimum of scale as on 01.07.2023 including House Rent Allowance (HRA). CSIR-CEERI may provide residential accommodation, if available, as per rules in which case HRA will not be payable.

** Please see age relaxation under Relaxation column.

Abbreviations used: UR: Unreserved; SC: Scheduled Caste; ST: Scheduled Tribe; OBC: Other Backward Class; EWS: Economically Weaker Section; PwBD: Persons with Benchmark Disability.

Description of posts advertised

Post Code	Pay Level	Names and No. of Posts / Reservation status	Essential Educational Qualifications	Desirable	Job requirements/ Specification
PC – 1	7	Technical Officer No. of posts: 05 (UR-01, SC-01, OBC-01, EWS-01, PwBD-HH-01)	B.E./ B.Tech/ M.Sc. in Electronics or equivalent with minimum 55% marks (equivalent CGPA).	1. PCB design & fabrication 2. Circuit design 3. Sensor Interface 4. Microcontroller Programming 5. Overall embedded system design 6. Data acquisition system	Selected candidate will work on different ongoing and future activities in electronics system area and other responsibilities as per requirement.
PC -2	7	Technical Officer No. of posts: 02 (UR-02)	MBA or equivalent with minimum 55% marks.	Experience in Market analysis, report generation, data analysis, Audio and Visual presentations, Project Management.	Selected candidate will assist to PME & TBD for documentation and project management activities and other responsibilities as per requirement.

UR: Unreserved; SC: Scheduled Caste; ST: Scheduled Tribe; OBC: Other Backward Class; EWS: Economically Weaker Section; PwBD: Persons with Benchmark Disability.

Apart from qualifications indicated above, any other recognized qualification, which is equivalent to the prescribed qualification, shall be treated at par with that qualification.

I. Mode of Selection

The candidates as recommended by the Screening Committee will be invited for Trade Test. Those who qualify in the Trade Test will be invited for a written test. The final merit list will be prepared on the basis of the performance of the candidates in the competitive written examination.

A duly constituted Selection Committee will conduct the trade test and written test for the candidates to evaluate their suitability for the post.

II. Mode of Examination

For these posts, there will be three papers (Paper-I, Paper-II & Paper-III). Paper-II & Paper-III will be evaluated only for those candidates who secure the minimum threshold marks (to be determined by the Selection Committee) in Paper-I. The Final merit list will be prepared only on the basis of the marks obtained by the candidates in Paper-II & Paper-III.

Mode of Examination	OMR Based or Computer Based Objective Type Multiple Choice Examination
Medium of Questions	The questions will be set both in English and Hindi except the questions on English Language.
Standard of Exam	Post Graduate Diploma/ Post Graduation/ B.E./ B.Tech Level (based on the advertised qualification of the post).
Total No. of Questions	200
Total Time Allotted	3 hours

Paper-I (Time Allotted – 1 hour)

Subject	No. of questions	Maximum Marks	Negative Marks
Mental Ability Test*	50	100 (two marks for every correct answer)	<u>There will be no negative marks in this paper</u>

*Mental Ability Test will be so devised so as to include General Intelligence, Quantitative Aptitude, Reasoning, Problem Solving, Situational Judgement, etc.

Paper – II (Time Allotted – 30 minutes)

Subject	No. of questions	Maximum Marks	Negative Marks
General Awareness	25	75 (three marks for every correct answer)	One negative mark for every wrong answer
English Language	25	75 (three marks for every correct answer)	One negative mark for every wrong answer

Paper-III (Time Allotted – 90 minutes)

Subject	No. of questions	Maximum Marks	Negative Marks
Concerned Subject	100	300 (three marks for every correct answer)	One negative mark for every wrong answer

Syllabus & Pattern of Trade Test

1. Trade Test for the Post of Technical Officer

- Syllabus of AICTE For Engg. Trade of the level B.E./B.Tech and Syllabus of Vinoba Bhave University for Science Trade of the level B.Sc. and
- Desirable area, if any, mentioned in the respective advertisement will be followed.

2. Pattern for Trade Test

Total Questions: 6 Practical Based: Maximum Marks: 100, Maximum Time: 1 hour

Distribution of Questions and Marks will be under:

- Three Questions from the respective trade/subject: Maximum Marks: 50
 - Two Questions each of 20 marks and one question of 10 marks
- Three Questions from Desirable Area as mentioned in the related advertisement: Maximum Marks: 50
 - Two Questions each of 20 marks and one question of 10 marks.

General Information and Conditions

1) Benefits under Council Service:

- a. These posts carry usual allowances i.e. Dearness Allowance (DA), House Rent Allowance (HRA), Transport Allowance (TA) etc. as admissible to the Central Government employees and as made applicable to CSIR. Council employees are also eligible for accommodation of their entitled type as per CSIR Allotment Rules depending on availability in that case HRA will not be admissible.
- b. In addition to the emoluments, benefits such as reimbursement of Medical Expenses, Leave Travel Concession, Conveyance Advance and House Building Advance are available, as per rules of CSIR.
- c. All New Entrants will be governed by the “National Pension System” based on defined Contributions for new entrants recruited from Central Government Services on or after 01-01-2004, as adopted by CSIR for its employees. However, persons selected from other Government Departments/Autonomous Bodies/Public Sector Undertakings/Central Universities having Pension Scheme on Govt. of India pattern will continue to be governed by the existing Pension Scheme i.e. CCS (Pension) Rules, 1972.
- d. CSIR Provides opportunities for career advancement under Assessment Promotion Scheme for Technical cadre.

2) Other Conditions:

- a. The applicant must be a Citizen of India.
- b. The normal place of posting is CSIR-CEERI at Pilani/Jaipur/Chennai. Job requirement includes extensive field work in different parts of the country. Apart from the above job requirement, a selected candidate may be posted to work in any Section / Division and at any place in India on the discretion of the Competent Authority.
- c. All applicants must fulfil the essential requirements of the post and other conditions stipulated in the advertisement. as on the last date of receipt of the online application. They are advised to satisfy themselves before applying that they possess at least the essential qualifications laid down for various posts as on the last date of receipt of the online application. No enquiry asking for advice as to eligibility will be entertained.
- d. All the essential qualifications/experience and other details of a candidate must be supported by valid documents. The prescribed qualifications must have been obtained through recognized Universities/ Institutions etc. Incomplete online applications received or not accompanied with the required certificate/documents are liable to be rejected.
- e. In respect of equivalent clause in Essential Qualifications, if a candidate is claiming a particular qualification as equivalent qualification as per the requirement of advertisement, then the candidate is required to produce order/letter in this regard, indicating the Authority (with number and date) under which it has been so treated, otherwise the Application is liable to be rejected.
- f. Any discrepancy found, at any stage of this recruitment process, between the information given in application and as evident in original documents, will make the candidate ineligible for the post(s).
- g. The period of experience rendered by a candidate on part time basis, daily wages, visiting/guest faculty etc. will not be counted while calculating the valid experience for shortlisting the candidates for trade test.

- h. If any document/ certificate furnished is in a language other than Hindi or English, a transcript of the same duly attested by a Gazetted officer or Notary is to be submitted.
- i. The date for determining the upper age limit, qualifications and/or experience shall be the closing date prescribed for submission of online application i.e. **28.09.2023 (Thursday)**.
- j. The period of experience in a discipline/area of work, wherever prescribed, shall be counted after the date of acquiring the minimum essential educational qualifications prescribed for that post.
- k. Candidate must ensure that he/she possesses essential qualification/experience in the relevant area as required for the post, for which he/she is applying, on the last date of online application.
- l. The CSIR-CEERI reserves the right not to fill up all the posts or part thereto if it so desires.
- m. The decision of the Director, CSIR-CEERI, Pilani/CSIR in all matters relating to eligibility, acceptance or rejection of applications, mode of selection and conduct of screening / trade test / written test at any place shall be final and binding on the candidates.
- n. **Canvassing in any form and / or bringing any influence political or otherwise will be treated as a disqualification for the post(s).**
- o. **NO INTERIM ENQUIRY OR CORRESPONDANCE WILL BE ENTERTAINED.**

3) Age Limit & Relaxations:

- a. The upper age limit is relaxable upto 5 years for SC/ST and 3 years for OBC (Non-Creamy Layer) as per Government orders in force only in those cases where the post is reserved for respective categories, on production of relevant certificate in the prescribed format signed by the specified authority.
- b. Upper age limit is also relaxable upto 5 years for the regular employees working in CSIR laboratories / Institutes, Government Departments, autonomous bodies and public sector undertakings.
- c. Age is relaxable for Ex-serviceman as per Govt. of India orders as adopted by CSIR.
- d. Age relaxation (as per GoI instructions) for Widows, Divorced Women and Women Judicially separated from Husbands.
- e. **Age relaxation to the Persons with Benchmark Disability (PwBDs):** Age relaxation of 10 years [total 15 years for SCs/STs and 13 years for OBCs (Non-Creamy Layer) in respect of the posts reserved for respective categories] shall be allowed to the persons with benchmark disabilities.
- f. If a person with disability is entitled to age concession by virtue of being a Government / Council employee, concession to him/her will be admissible either as a 'person with disability' or as a 'Central Government employee' whichever may be more beneficial to him/her.
- g. Relaxation in age, over and above the stipulated limit, educational qualification and / or experience may be considered if sufficient number of candidates possessing the requisite qualification and/ or experience are not available to fill up the posts.

4. **How to apply:**

- a. Eligible candidates are required to apply ONLINE only through CSIR-CEERI website <https://www.ceeri.res.in/recruitments/>. No other mode of application will be entertained.
 - b. If the candidate does not have a valid E-mail ID, he/she should create a new valid E-mail ID before applying online.
 - c. **Candidates desirous to apply for more than one Post Code should submit SEPARATE APPLICATION FOR EACH POST CODE, subject to fulfilling all eligibility criteria attached to each individual post code along with requisite application fee of ₹100/- for each, wherever applicable.**
 - d. Candidates are advised to go through the instructions (available on CSIR-CEERI website <https://www.ceeri.res.in/recruitments/>) for online filling of the application carefully.
 - e. Online Application will be available on CSIR-CEERI website <https://www.ceeri.res.in/recruitments/> [Opens on 29.08.2023 (Tuesday) from 09:30 A.M. and Closes on 28.09.2023 (Thursday) at 06:00 P.M.].
 - f. **The candidates are required to remit the application fee of Rs. 100/- (for each post) in the favor of “Director, CSIR-Central Electronics Engineering Research Institute” through online payment system i.e. NEFT/ Bank Transfer/ Net Banking etc., with the following details:**
 - **Bank Name: State Bank of India**
 - **Account No.: 61033385318**
 - **IFSC: SBIN0031398**
 - **Branch Code: 031398**
 - **Branch Name: SBI, CEERI Campus, Pilani**
- The candidates are required to generate acknowledgement of remitted application fee from the online payment system i.e. UTR Number/ Transaction Number and Transaction Date and the same is required to be attached along with the online application. No other mode of payment will be accepted. **SC/ST/PwBD/Women/CSIR Employees/Abroad Candidates are exempted from payment of application fee.**
- g. In case of universities/institute awarding CGPA/SGPA/OGPA/DGPA grades etc., candidates are requested to convert the same into percentage based on the formula as per their University/Institute and to mention the percentage so arrived at the appropriate place in the online application format, while filling the same.
 - h. **Candidates should keep a copy of the application print-out and payment details (if any) with them**, for their record and same will be made available to office, whenever asked to do so. Print-out of Application and payment details will not be available after the closing date for online application.
 - i. Application once submitted will not be allowed to be withdrawn and fees once paid will not be refunded on any count nor can it be held in reserve for any other recruitment or selection process.
 - j. Only one application will be entertained from each candidate for each post code. In case a candidate submits multiple online applications for a single post code with different registration numbers and/or with different email IDs, only the latest completed application will be considered.
 - k. Applications from employees of Government Departments will be considered only if No Objection Certificate (NOC) is uploaded with the online application with a certificate by the employer that the applicant, if selected will be relieved within one month of the receipt of the appointment orders. Also, vigilance clearance should be recorded.
 - l. **Incomplete applications {i.e. without uploading photograph/ unsigned/ applicable certificates/ marksheets/ non-payment of application fee (wherever applicable) and without uploading the attachments as mentioned under Documents required} will not be entertained and will be summarily rejected.**

Documents Required:

Following documents are required to be uploaded (in order) as a single PDF (not more than 15 MB) as attachment to the application:

- a. Self-Attested photocopy of SSC/ 10th certificate (reflecting Date of Birth)
- b. Self-Attested photocopy of SSC/10th Mark Sheet
- c. Self-Attested photocopy of Intermediate/10+2 certificate & Mark Sheet
- d. Self-Attested photocopy of Graduation Certificate & Mark Sheet
- e. Self-Attested photocopy of Post-Graduation Certificate & Mark Sheet
- f. Self-Attested photocopy of Caste/Category certificate (wherever applicable) in the formats prescribed by the Govt. of India
- g. Self-Attested photocopy of Experience Certificate(s)
- h. Self-Attested photocopy of Certificate(s) related to higher qualification, if any
- i. No Objection Certificate (NOC), wherever applicable

No hard copy of application or any document is required to be sent

Any further information regarding this Advertisement like date, time and venue of Interview, any addendum / corrigendum or any variation in number of posts/ cancellations of post(s) etc. will be made available through CSIR-CEERI website on <https://www.ceeri.res.in/recruitments/>. Therefore, the candidates are advised to keep a regular watch of CSIR-CEERI website accordingly.



**Sd/-
Controller of Administration**