



**CSIR–Central Electrochemical Research Institute
(Council of Scientific and Industrial Research)
Karaikudi–630 003, Tamil Nadu, India**

Advertisement No.02/2021

Date of commencement of online applications	: 28.08.2021 (from 09.00 A.M)
Last date for submission of online applications	: 27.09.2021 (upto 05.00 P.M)
Last date for receipt of hardcopy of applications	: 12.10.2021 (upto 05.00 P.M)

CSIR–Central Electrochemical Research Institute (CSIR–CECRI), Karaikudi, is a premier institute under the Council of Scientific and Industrial Research (CSIR), involved in multidisciplinary R&D programmes in the domain of electrochemistry and electrochemical devices. The thrust areas of research covers Materials Protection, Electrochemical Materials Science, Electrochemical Power Sources, Electro-organics, Bio-electrochemistry, Process Engineering, Electroplating & Electrometallurgy, Computer Networking and Instrumentation. CSIR–CECRI aims to play a catalytic role for stimulating the growth of electrochemical industry in the country alongwith nurturing academic excellence & creativity. For further details about the institute visit <http://www.cecri.res.in>

Applications are invited from enthusiastic, motivated young and dynamic Indian Nationals having excellent academic record to fill various posts of Technical Assistants /Technicians. For technical posts, the candidates must be capable of supporting R&D activities of the Institute.

The details of positions, emoluments as well as the age limit are given below:

Designation	No. of Posts	Initial Pay and level in Pay Matrix	*Total Emoluments	**Upper Age Limit without relaxation not exceeding (as on 27.09.2021)
Technical Assistant	41	Rs.35,400/- Level-6	Rs.50,448/-	28 Years
Technician (1)	13	Rs. 19,900/- Level-2	Rs.28,216/-	28 Years

* Total Emoluments means the approximate total amount on minimum basic pay of the level including dearness allowance as on date and House Rent Allowance (HRA) in Class 'Z' City.

**Please refer Age limit & Relaxation (Sl.No.3)

a) Technical Assistant Positions

Post Code/ No. of Positions & Category	Designation & Age limit not exceeding	Essential Educational Qualification	Experience	Job Requirements
TA01 10 posts (ST -01, OBC -03, EWS -01, UR(HH) -01 & UR -04)	Technical Assistant Age limit : 28 years (for UR & EWS) 31 years (for OBC) 33 years (for ST) 38 years [for UR (HH)]	I class B.Sc. Chemistry with one year full time professional qualification or one year experience in the relevant discipline from a recognized Institute /Organization.	Experience in operation & maintenance of sophisticated analytical Instruments for characterization / Synthesis and analysis of chemicals/ Process control Industrial Plants/ Electrochemical coating processes / Fabrication and maintenance of batteries / super capacitors / fuel cells.	To assist scientists in the various on-going R&D activities in the area of Electro-organic & Materials Electrochemistry/ Central Instrumentation Facility/ Electroplating and Metal finishing / Corrosion and Materials Protection / Electrochemical Power Sources etc.
TA02 2 posts (EWS -01, UR -01)	Technical Assistant Age limit : 28 Years	I class B.Sc. Physics with one year full time professional qualification or one year experience in the relevant discipline from a recognized Institute /Organization.	Experience in fabrication of battery/ Fuel cell assembly / Supercapacitor.	To assist scientists in on-going R&D activities in the area of Electrochemical Power Sources/ Central Instrumentation Facility.
TA03 1 post(OBC)	Technical Assistant Age limit : 31 Years	I class B.Sc. Microbiology with one year full time professional qualification or one year experience in the relevant discipline from a recognized Institute /Organization.	Experience in maintenance of bacterial cell culture laboratory, Microbial assays, Isolation and Identification of bacterial strains.	To assist scientists in on-going R&D projects in the area of Electrode & Electrocatalysis.
TA04 1 post (UR)	Technical Assistant Age limit : 28 Years	I class B.Sc. Bio-technology with one year full time professional qualification or one year experience in the relevant discipline from a recognized Institute /Organization.	Experience in microbiological experiments and analysis.	To assist scientists in on-going R&D activities in the area of Corrosion and Materials Protection.
TA05 3 posts (ST -01, OBC -01 & EWS -01)	Technical Assistant Age limit : 28 years (for EWS) 31 years (for OBC) 33 years (for ST)	I class B.Sc. Computer Science / Information Technology with one year full time professional qualification or one year experience in the relevant discipline from a recognized Institute /Organization.	Working knowledge in MS-Office, Photoshop, and CorelDraw. Preparation of project report and documentation.	To assist scientists of Planning, Business Development and Skill Development Groups.
TA06 1 post (UR)	Technical Assistant Age limit : 28 Years	I class B.Sc. Hotel Management with one year full time professional qualification or one year experience in the relevant discipline from a recognized Institute / Organization.	Two years experience in Restaurant/Hotel/ Canteen.	Preparation of Indian and all types of cuisine foods for guesthouse / canteen. Maintenance of guesthouse and office canteen.
TA07 1 post (UR(LV))	Technical Assistant Age limit : 38 Years	I class B.Sc. Mathematics with one year full time professional qualification or one year experience in the relevant discipline from a recognized Institute / Organization.	Experience in Computer applications.	To assist scientists in Business Development activities related to various industrial projects and GST.
TA08 2 posts (OBC -01, UR -01)	Technical Assistant Age limit : 28 years (for UR) 31 years (for OBC)	I class Diploma in Electronics and Communication Engineering /Tech. of atleast 3 years full time duration or atleast 2 years full time duration in case of lateral admission in Diploma courses or its equivalent with experience of 2 years in the relevant area/field.	Experience in Linear Electronics, Design & Embedded Systems and Operation & maintenance of analytical instruments.	To assist scientists in on-going R&D activities in the area of Electrode & Electrocatalysis / Central Instrumentation Facility.

Post Code/ No. of Positions & Category	Designation & Age limit not exceeding	Essential Educational Qualification	Experience	Job Requirements
TA09 6 posts (ST -01, OBC -02 & UR -03)	Technical Assistant Age limit : 28 years (for UR) 31 years (for OBC) 33 years (for ST)	1 class Diploma in Electrical and Electronics Engineering /Tech. of atleast 3 years full time duration or atleast 2 years full time duration in case of lateral admission in Diploma courses or its equivalent with experience of 2 years in the relevant area/field.	Experience in operation and maintenance of battery assembly line machinery. Safety and performance testing of batteries. Experience in instrumentation in electrochemical reactor, process control, design, operation and maintenance of analytical instruments and maintenance of various electrical installations.	To assist scientists in on-going R&D activities and fabrication/testing/installation in the area of Electrochemical Power Sources/ Electrochemical Process Engineering/ Engineering & Technical Services. Operation and maintenance of various electrical installations.
TA10 1 post (EWS)	Technical Assistant Age limit : 28 Years	1 class Diploma in Electronics and Instrumentation Engineering /Tech. of atleast 3 years full time duration or atleast 2 years full time duration in case of lateral admission in Diploma courses or its equivalent with experience of 2 years in the relevant area/field.	Experience in operation and maintenance of electrochemical instruments.	To assist scientists in operation and maintenance of the equipments related to Corrosion and Cathodic Protection measurements.
TA11 7 posts (ST -01, OBC -01 & UR -05)	Technical Assistant Age limit : 28 years (for UR) 31 years (for OBC) 33 years (for ST)	1 class Diploma in Mechanical Engineering /Tech. of atleast 3 years full time duration or atleast 2 years full time duration in case of lateral admission in Diploma courses or its equivalent with experience of 2 years in the relevant area/field.	Experience in operation and maintenance of battery assembly line machinery or safety and performance evaluation of batteries, Electroplating/ Electrochemical processes. Working experience in CNC/AUTOCAD, CATIA, Solidworks modelling and drafting tools.	To assist scientists in on-going R&D activities in the area of Electrochemical Power Sources/ Electroplating and Metal Finishing/ Electrochemical Process Engineering/ Engineering & Technical Services – Operation & Maintenance of conventional and non-conventional machine tools.
TA12 2 posts (OBC -01, UR -01)	Technical Assistant Age limit : 28 years (for UR) 31 years (for OBC)	1 class Diploma in Refrigeration & AC Engineering /Tech. of atleast 3 years full time duration or atleast 2 years full time duration in case of lateral admission in Diploma courses or its equivalent with experience of 2 years in the relevant area/field.	Experience in operation and maintenance of Refrigeration and Air conditioning plants / Units (Centralized / VRV/VRF/precision AC system).	To carry out installation, maintenance, repair works of various air conditioners and refrigerators.
TA13 2 posts (OBC -01, UR -01)	Technical Assistant Age limit : 28 years (for UR) 31 years (for OBC)	1 class Diploma in Civil Engineering /Tech. of atleast 3 years full time duration or atleast 2 years full time duration in case of lateral admission in Diploma courses or its equivalent with experience of 2 years in the relevant area/field.	Experience in corrosion condition survey, assessment of civil infrastructures/ construction of buildings with knowledge in AUTOCAD.	To assist scientists in the area of Corrosion and Materials Protection/Civil Engineering.
TA14 2 posts (OBC -01, UR -01)	Technical Assistant Age limit : 28 years (for UR) 31 years (for OBC)	1 class Diploma in Computer Science Engineering/ Information Tech. of atleast 3 years full time duration or atleast 2 years full time duration in case of lateral admission in Diploma courses or its equivalent with experience of 2 years in the relevant area/field.	Experience in Programming, Development of Web based applications in .Net, SQL programming, Troubleshooting& maintenance of network, data server, computer hardware etc.	To assist scientists in maintenance of web based applications, management and maintenance of IT assets and network equipment.

(ST: Scheduled Tribe; SC: Scheduled Caste; OBC: Other Backward Class; UR: Unreserved; EWS: Economically Weaker Section; HH =Hard of Hearing; LV= Low Vision)

b) Technician Positions

Post Code/ No. of Positions & Category	Designation& Age limit not exceeding	Essential Educational Qualification	Experience	Job Requirements
T01 3 posts (SC-01, OBC -01 & EWS -01)	TECHNICIAN(1) Age limit: 28 years (for EWS) 31 years (for OBC) 33 years (for SC)	SSC/10 th standard with Science subjects with 55% marks plus ITI certificate or National/ State Trade Certificate in Electrician trade (OR) 2 years full time experience as an apprentice trainee from a recognized Institution in Electrician trade.	Experience in installation & maintenance of various electrical installations.	To assist scientists in the on-going R&D activities in the area of Electrochemical Power Sources / Electroplating and Metal Finishing / Engineering & Technical Services.
T02 1 post (UR)	TECHNICIAN(1) Age limit: 28 years	SSC/10 th standard with Science subjects with 55% marks plus ITI certificate or National/ State Trade Certificate in Wireman trade (OR) 2 years full time experience as an apprentice trainee from a recognized Institution in Wireman trade.	Experience in installation & maintenance of various electrical installations.	Installation & maintenance of various electrical equipment in the campus.
T03 2 posts (UR)	TECHNICIAN(1) Age limit: 28 years	SSC/10 th standard with Science subjects with 55% marks plus ITI certificate or National/ State Trade Certificate in Refrigeration and Air-conditioning Mechanic trade (OR) 2 years full time experience as an apprentice trainee from a recognized Institution in Refrigeration and Air-conditioning Mechanic trade.	Experience in installation and maintenance of different types of air conditioners & refrigerators.	Installation and maintenance of different types of air conditioners & refrigerators.
T04 3 posts (OBC -01, UR -01 & UR(MD*)- 01)	TECHNICIAN(1) Age limit : 28 years (for UR) 31 years (for OBC) 38 years (for UR-MD)	SSC/10 th standard with Science subjects with 55% marks Plus ITI certificate or National/ State Trade Certificate in Fitter trade OR 02 years full time experience as an apprentice trainee from a recognized Institution in Fitter trade.	Experience in workshop machinery such as milling, grinding and drilling.	Operation and maintenance of workshop machinery, fabrication of various types of electrodes, cells etc.
T05 1 post (UR)	TECHNICIAN(1) Age limit: 28 years	SSC/10 th standard with Science subjects with 55% marks plus ITI certificate or National/ State Trade Certificate in Machinist trade (OR) 2 years full time experience as an apprentice trainee from a recognized Institution in Machinist trade.	Experience in operation and maintenance of various types of machine tools.	Operation of various machine tools and fabrication of precision components.
T06 1 post (UR)	TECHNICIAN(1) Age limit: 28 years	SSC/10 th standard with Science subjects with 55% marks plus ITI certificate or National/ State Trade Certificate in Welding trade (OR) 2 years full time experience as an apprentice trainee from a recognized Institution in Welding trade.	Experience in various types of welding.	To carry out all types of welding works in mild steels, stainless steel, aluminum and special alloy materials.
T07 1 post (SC)	TECHNICIAN(1) Age: 33 years	SSC/10 th standard with Science subjects with 55% marks plus ITI certificate or National/ State Trade Certificate in Computer Operator and Programming Assistant (COPA) trade (OR) 2 years full time experience as an apprentice trainee from a recognized Institution in Programming and System Administrative Assistant (PASAA) trade.	Expertise in operating virtual conference & collaboration platforms, knowledge in networking, hardware service.	Operation, servicing & maintenance of network, computer hardware, peripherals.
T08 1 post (UR[LV])	TECHNICIAN(1) Age: 38 years	SSC/10 th standard with Science subjects with 55% marks plus ITI certificate or National/ State Trade Certificate in Cookery or Food Production trade (OR) 2 years full time experience as an apprentice trainee from a recognized Institution in Cookery or Food Production trade.	Two years cooking experience in Restaurants/Hotel/ Canteen registered with FSSAI	To prepare Indian and all types of cuisine foods. Maintain guesthouse and office canteen.

(ST: Scheduled Tribe; SC: Scheduled Caste; OBC: Other Backward Class; UR: Unreserved; EWS: Economically Weaker Section; HH =Hard of Hearing; LV= Low Vision; MD*= Multiple Disabilities involving Blind, Low Vision, Deaf, Hard of Hearing, One Leg, Both Leg, Leprosy Cured, Dwarfism, Acid Attack Victims, Autism Spectrum Disorder [Mild], Specific Learning Disability, Mental Illness)

1) Benefits

- 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 upon the availability in which case HRA will not be admissible.
- b In addition to the emoluments indicated against each category of posts, benefits such as applicability of reimbursement of Medical Expenses, Leave Travel Concession (LTC), Conveyance Advance and House Building Advance are available as per CSIR rules.
- c The post will be governed by the New Pension Scheme applicable w.e.f. 01.01.2004 as notified by the Government of India and adopted by CSIR vide their No.17/68/2001-E.II dated 23.12.2003 and other instructions issued on the subject.
- d CSIR provides excellent opportunities to deserving candidates for career advancement under Revised Merit and Normal Assessment Scheme for Technical staff.

2) General Information & conditions:

- a. The number of vacancies indicated against each category is provisional. The Director, CSIR-CECRI has discretion to increase or decrease the number of posts or cancel the recruitment process at any stage.
- b. The applicant must be a citizen of India.
- c. All applicants must fulfill the essential requirements of the post and other conditions stipulated in the advertisement as on the last date of receipt of the on-line applications. They are advised to satisfy themselves before applying that they possess atleast the essential qualifications laid down for various posts as on the last date of receipt of the on-line applications. No interim enquiry asking for advice as to eligibility will be entertained.
The prescribed essential qualifications are the minimum and the mere possession of the same does not entitle the candidates to be called for **Skill/Trade Test/Written exam**. The duly constituted Screening Committee will adopt its own criteria for short-listing the candidates. The candidate should therefore, mention in the application all the qualifications and experience in the relevant area over and above the minimum prescribed qualification, supported with necessary documents.
The application should be accompanied by self-attested copies of the relevant educational qualification, experience. The prescribed qualifications should have been obtained through recognized Universities / Institutions. Incomplete applications/applications received without the required certificates / documents are liable to be rejected.
- d. In respect of equivalent clause in Essential Educational 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.
- e. The period of experience rendered by a candidate on part time basis, daily wages, visiting/ guest faculty will not be counted while calculating the valid experience for short listing the candidates for Skill/Trade test.
- f. **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.**
- g. The date for determining the upper age limit, qualifications and /or experience shall be the closing date prescribed for receipt of on-line applications.
- h. The period of experience in a discipline / area of work, wherever prescribed, shall be counted after the date of acquiring the minimum educational qualifications prescribed for that Grade.

- i. Persons with Benchmark Disabilities (PwBD) fulfilling the eligibility conditions prescribed under GOI instructions are encouraged to apply.
- j. Any discrepancy found between the information given in the application and as evident in original documents will make the candidate ineligible for appearing in **Skill/Trade Test /Written examination**.
- k. The decision of the Director, **CSIR-CECRI** in all matters relating to eligibility, acceptance or rejection of applications, **mode of selection and conduct of skill/Trade Test/ Written exam will be final and binding on the candidates.**
- l. Canvassing in any form and / or bringing any political influence or otherwise will be treated as a disqualification for the post.
- m. NO INTERIM ENQUIRY OR CORRESPONDENCE WILL BE ENTERTAINED.
- n. Job requirement is indicative; the candidates may be assigned any other job depending on requirement of the Institute.
- o. The selected candidates will be posted in CSIR–CECRI, Karaikudi or its units at Chennai and Mandapam. The candidate(s) is/are required to work in shifts/during odd hours as and when required and he/she can be transferred to any of the CSIR Labs/Institutes anywhere in India.

3) Age limit &Relaxation:

- a. The upper age limit is relaxable upto 5 years for SC/ST and 3 years for OBC as per Government orders in force only in those cases where the posts are reserved for respective categories, on production of relevant certificate in the prescribed format signed by the specified authority.
- b. The Certificate for Backward Caste must clearly indicate that the candidate does not belong to the persons/sections (Creamy Layer) mentioned in Column 3 of Schedule to the Government of India, Department of Personnel & Training O.M. No. 36012/22/93-Estt(SCT) dated 8/9/93 as amended from time to time. The OBC certificates should be in the format **FOR APPOINTMENT TO POSTS UNDER THE GOVERNMENT OF INDIA** with reference to relevant Government of India Orders meeting the Creamy Layer Criteria as laid down by Government of India and not for appointment in any of the States bearing references to those State Government Orders. OBC candidate's eligibility will be based on Castes borne in the Central List of Govt. of India. Their Sub-caste should match with the entries in Central List of OBC, failing which their candidature will not be considered under any of the applied reserved category and will be treated as UR, if otherwise eligible. **The OBC candidates who belong to "Creamy layer" are not entitled to concession admissible to OBC category and such candidates have to indicate their category as General.**
- c. The Benefit of reservation under EWS can be availed upon production of an Income and Asset Certificate issued by a Competent Authority as per DoPT O.M. No.36039/1/2019-Estt(Res) dated 31stJanuary 2019. The income and Asset Certificate issued by specified authorities in the prescribed format shall only be accepted as proof of candidate's claim as belonging to EWS.
- d. Upper age limit is also relaxable upto five years for the regular employees working in CSIR laboratories / Institutes, Government Departments, autonomous bodies and public sector undertakings.
- e. As per GOI provisions, age relaxation for Widows, Divorced Women and Women Judicially separated from Husbands, who are not remarried, the upper age limit is relaxable up to the age of 35 years (upto 40 years for members of Scheduled Castes/Scheduled Tribes and upto 38 years for members belonging to the Other Backward Classes in respect of the posts reserved for them). The persons claiming age relaxation under this sub-para would be required to produce the following documentary evidence:
 - i. In case of Widow, Death Certificate of her husband together with the Affidavit that she has not remarried since.
 - ii. In case of divorced Women and Women judicially separated from their husbands, a certified copy of the judgement/decreed of the appropriate Court to prove the fact of divorce or the judicial separation, as the case may be, with an Affidavit in respect of divorced Women that they have not remarried since.

- f. Relaxation in age, over and above the stipulated limit, educational qualification and / or experience may be considered in case of exceptionally meritorious candidates or if sufficient number of candidates possessing the requisite qualification and/ or experience are not available to fill up the posts.
- g. Relaxation of five years will also be permissible to those who had ordinarily been domiciled in the Kashmir division of the state of Jammu and Kashmir during the period from 1-1-1980 to 31-12-1989 subject to production of relevant certificate from the concerned authority.
- h. Relaxation in case of ex-servicemen will also be applicable as per provisions.
- i. Appointments to the reserved posts will be provisional and subject to the verification of caste certificates through proper channels. If the verification reveals that the claim of the candidate belong to the SC/ST/OBC/EWS is false, his/her services will be terminated forthwith without assigning any further reasons and without prejudice to such further action as may be taken under the provisions of the Indian Penal Code for production of false certificate.

j. **Age relaxation to Persons with Benchmark Disability (PwBD):**

Age relaxation of 10 years for Unreserved [total 15 years for SC/ST and 13 years for OBC candidates] in upper age limit shall be allowed to persons suffering from the following benchmark disabilities as per GOI instructions:

- (i) Category A - blindness and low vision;
- (ii) Category B - deaf and hard of hearing;
- (iii) Category C - locomotor disability including cerebral palsy, leprosy cured, dwarfism, acid attack victims and muscular dystrophy;
- (iv) Category D - autism, intellectual disability, specific learning disability and mental illness;
- (v) Category E - Multiple disabilities from amongst persons under clauses (A) to (D) including deaf- blindness.

Note: Definition of the above specified disabilities will be as per "THE RIGHTS OF PERSONS WITH DISABILITIES ACT, 2016".

The persons claiming age relaxation under this sub-para would be eligible for relaxation in conditions/reservation in posts who suffer from not **less than 40% of relevant benchmark disability**. Those Persons with Benchmark Disabilities (PwBD) who have availed the relaxation and/or reservation will have to submit **Certificate of Disability** issued by the Competent Authority as per the **Form I and II** of rule 18 (1) under chapter 7 of Rights of Persons with Disabilities Rules, 2017 dated 15.06.2017. The existing certificates of disability issued under the Persons with Disabilities Act 1995 (since repealed) shall continue to be valid for the period specified therein.

No Application Fee is payable by them. All other relaxations/concessions will be as per the Government of India orders. PLEASE NOTE, PwBD CANDIDATES SHOULD MENTION IN APPLICATIONS, THEIR CASTE/COMMUNITY LIKE SC/ST/OBC/GEN/EWS and also produce Certificate of the concerned Caste/Community, as this is a horizontal reservation. **Candidates with benchmark physical disability only would be considered as Persons with Disabilities (PwD) and entitled to reservation for Persons with Disabilities**. A candidate under the category PwBD will be considered to be eligible for appointment only if he/she (after such physical examination as the appointing authority may prescribe) is found to satisfy the requirements of physical and medical standards for the above post.

- k. All the Age relaxations indicated above are not exhaustive. For detailed information of age relaxations, please refer the orders of Government of India/CSIR.

(Proforma for SC/ST/OBC/PwBD/EWS etc., Certificate is provided in Annexure II)

Candidates are required to submit a latest OBC/EWS Certificate issued by Competent Authority.

4) Mode of selection:

The candidates short-listed by the duly constituted Screening Committee will be called for a Skill/Trade test. Those who qualify in the Skill/Trade test will be called for a Competitive written examination in Mental Ability Test, General Awareness, English Language and concerned subject. The final merit list will be prepared on the basis of the performance of the candidates in the competitive written examination. Syllabus for the examination is attached herewith as **Annexure-I**.

5) How to apply:

- a. Eligible candidates are required to apply ONLINE through our website **<http://www.cecri.res.in>**
- b. If the candidate does not have a valid email id, he/she should create a new valid email id before applying online.
- c. Online application will be available in CSIR–CECRI website **<http://www.cecri.res.in>** from 09:00 a.m. on **28.08.2021 (Saturday)** to 05.00 p.m. on **27.09.2021 (Monday)**.
- d. The last date for submitting online application and remittance of application fee is **27.09.2021**. This date will be the same for the candidates belonging to far-flung areas.
- e. The candidate has to remit an application fee of Rs.500/- through Net Banking only (**Payment of fee through Mobile Banking should be avoided as it does not match with the banker's transaction reference number**) to the following account and fill up the transaction details in the prescribed columns of online application:

Name of Account Holder: Director, CSIR–CECRI, Karaikudi
Account Number: 737253625
Bank Name: Indian Bank, A.C. Campus Branch, Karaikudi
IFS Code: IDIB000A008
MICR No.: 630019203
SWIFT Code: IDIBINBBMDN

- f. The candidates belonging to SC/ST/PwBD/Women/CSIR Employees are exempted from payment of application fee. The candidates staying abroad are required to remit the bank commission charges along with the application fee.
- g. In case of Universities/ Institutes awarding CGPA/SGPA/OGPA/DGPA/CPI grades etc., the candidates are requested to convert the same into percentage based on the formula as per their Boards/Universities/ Institutes. A copy of conversion formula of CGPA/SGPA/OGPA/DGPA/CPI grades etc into percentage, issued by the Boards/Universities/ Institutes to be uploaded in the online application.
- h. (i) To apply online, the candidate has to register with his/her name and email id.
(ii) The candidate has to login using the credentials and apply through the electronic application form.
- i. After filling-up the electronic application form, the candidate can verify/edit the application to ensure that the application is complete and correct in all aspects. After finalizing, the candidate can print the application.
- j. This system generated application (Print-out) duly accompanied by self-attested copies of the certificates, mark sheets, testimonials in support of age, educational qualifications, experience and caste certificate, if applicable along with one recent passport size self-signed photograph affixed together with E-receipt/Transaction reference for remittance of application fee (if applicable) should be sent in an envelope superscribed "APPLICATION FOR THE POST OF _____ (Post Code _____)" so as to reach **The Controller of Administration, CSIR–Central Electrochemical Research Institute, Karaikudi–630003, Tamil Nadu on or before 12.10.2021.**
- k. Candidates applying for more **than one post must submit separate application form** and make separate online payment towards the application fee for each post indicating the Code No. of the post.

- l. Application once made will not be allowed to be withdrawn and fees once paid will not be refunded on any account nor can it be held in reserve for any other recruitment or selection process.
- m. Applications from employees of Government Departments will be considered only if forwarded through proper channel, certified by the employer that the applicant, if selected will be relieved within one month of the receipt of the appointment order. Vigilance clearance should also be recorded. However, advance copy of the application may be submitted before the closing date otherwise the application will be rejected. Applications routed through proper channel should reach **The Controller of Administration, CSIR–CECRI, Karaikudi–630003** at the earliest.
- n. Candidates should specifically note that the applications/any other enclosures received after the closing date for any reason whatsoever (such as envelopes wrongly addressed, delivered elsewhere, postal delay etc.) will not be entertained by CSIR–CECRI.
- o. Incomplete applications (i.e. unsigned, without photograph and application fee, applicable testimonials etc.) will not be entertained and will be summarily rejected.
- p. Details of screened/short-listed candidates to be called for Skill/Trade Test /Written Examination will be notified in CSIR–CECRI website. Therefore the candidates are advised to visit the website www.cecni.res.in for the latest updates.

6) Following documents must be attached along with the application form sent by post:

- a. Proof for remittance of application fee through net banking (E-receipt/Transaction reference), wherever applicable.
- b. Coloured photograph pasted on the application form and signed across in full.
- c. Self-attested photocopy of Date of Birth Certificate.
- d. Self-attested photocopies of educational qualification certificates.
- e. Self-attested photocopy of community certificate, if applicable.
- f. Self-attested photocopies of experience certificates, if any.
- g. No Objection Certificate (NOC)/ proper channel application, if applicable.
- h. Certificate related to Persons with Disabilities (if applicable) in the prescribed format.
- i. EWS Certificate, if applicable.
- j. Conversion formula of CGPA/SGPA/OGPA/DGPA/CPI grades etc into percentage, issued by the University.
- k. Any other document in support of the claim made in the application, as applicable.


Controller of Administration
CSIR–Central Electrochemical Research Institute
Karaikudi–630003, Tamil Nadu

The Syllabus of Written Examination

(1) For Technical Assistant Posts

There will be three papers. The second and third paper will be evaluated only for those candidates who secure the minimum threshold marks in Paper-I.

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	Diploma/Graduation 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 Judgment, etc.

PAPER – II (Time Allotted – 30minutes)

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

(2) For Technician Posts

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	SSC+ITI /XIth Standard
Total No. of Questions	150
Total time Allotted	2 hours 30 minutes

PAPER – I (Time Allotted – 1 hour)

Subject	No. of questions	Maximum Marks	Negative Marks
Mental Ability Tests*	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 Judgment, etc.

PAPER – II (Time Allotted – 30minutes)

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 – 1 hour)

Subject	No. of questions	Maximum Marks	Negative Marks
Concerned Subject	50	150 (three marks for every correct answer)	One negative mark for every wrong answer

**FORM OF CERTIFICATE TO BE PRODUCED BY A CANDIDATE BELONGING TO SCHEDULED CASTE OR SCHEDULED TRIBE IN
SUPPORT OF HIS / HER CLAIM.**

1.This is to certify that Sri / Smt / Kum* _____ son /
daughter* of _____ of village / town*
_____ in District / Division* _____ of the State / Union
Territory* _____ belongs to the _____ Caste/Tribe* which is recognized as a

Scheduled Caste/ Scheduled Tribe* under :

- * The Constitution (Scheduled Castes) Order, 1950 ;
- * The Constitution (Scheduled Tribes) Order, 1950 ;
- * The Constitution (Scheduled Castes)(Union Territories)Orders, 1951 ;
- * The Constitution (Scheduled Tribes)(Union Territories)Order, 1951 ;

[as amended by the Scheduled Castes and Scheduled Tribes lists Modification) Order,1956; the Bombay Reorganisation Act, 1960; the Punjab Reorganisation Act 1966, the State of Himachal Pradesh Act, 1970, the North-Eastern Areas (Reorganisation)Act, 1971, the Constitution (Scheduled Castes and Scheduled Tribes) Order (Amendment) Act,1976, The State of Mizoram Act, 1986, the State of Arunachal Pradesh Act, 1986 and the Goa, Daman and Diu (Reorganization) Act, 1987.]:

- The Constitution (Jammu and Kashmir) Scheduled Castes Order,1956 ;
- The Constitution (Andaman and Nicobar Islands) Scheduled
- The Constitution (Dadra and Nagar Haveli) Scheduled Castes Order, 1962 ;
- The Constitution (Dadra and Nagar Haveli) Scheduled Tribes Order, 1962 ;
- The Constitution (Pondicherry) Scheduled Castes Order 1964;
- The Constitution (Uttar Pradesh) Scheduled Tribes Order,1967;
- The Constitution (Goa, Daman and Diu) Scheduled Castes Order, 1968 ;
- The Constitution (Goa, Daman and Diu) Scheduled Tribes Order, 1968 ;
- The Constitution (Nagaland) Scheduled Tribes Order, 1970 ;
- The Constitution (Sikkim) Scheduled Castes Order, 1978 ;
- The Constitution (Sikkim) Scheduled Tribes Order, 1978 ;
- The Constitution (Jammu and Kashmir) Scheduled Tribes Order, 1989 ;
- The Constitution (Scheduled Castes) Orders (Amendment)Act, 1990;
- The Constitution (ST) Orders (Amendment) Ordinance, 1991 ;
- The Constitution (ST) Orders (Second Amendment) Act,1991 ;
- The Constitution (ST) Orders (Amendment) Ordinance, 1996;
- The Scheduled Caste and Scheduled Tribes Orders (Amendment) Act 2002; *The Constitution (Scheduled Castes) Order (Amendment) Act, 2002;
- *The Constitution (Scheduled Caste and Scheduled Tribes) Order (Amendment) Act, 2002; *The Constitution (Scheduled Caste) Order (Second Amendment) Act, 2002].

contd...

2. Applicable in the case of Scheduled Castes / Scheduled Tribes persons , who have migrated from one State / Union Territory Administration.

This certificate is issued on the basis of the Scheduled Castes / Scheduled Tribes* Certificate issued to Shri / Smt /

Kumari* _____ Father /Mother* of Sri / Smt /

Kumari* _____ of village / town _____ in

District/Division* _____ of the State/Union Territory* _____ who

belong to the _____ Caste / Tribe* which is recognized as a Scheduled Caste/Scheduled Tribe*

in the State/Union Territory* issued by the _____ [Name of the authority] vide

their order No. _____ dated _____.

3. Shri/Smt/Kumari* _____ and/or* his/her* family ordinarily reside(s)

in village/town* _____ of _____ District / Division* of the State / Union Territory* of _____

Signature _____

Designation _____

Place:
Date :

[With seal of Office]
State/Union Territory

Note : The term "Ordinarily resides" used here will have the same meaning as in Section 20 of the Representation of the Peoples Act, 1950.

* Please delete the words which are not applicable.

Delete the paragraph which is not applicable.

List of authorities empowered to issue Caste / Tribe Certificates:

1. District Magistrate / Additional District Magistrate / Collector / Deputy Commissioner / Additional Deputy Commissioner / Deputy Collector/ I Class Stipendiary Magistrate / Sub-Divisional Magistrate / Extra-Asst. Commissioner / Taluka Magistrate / Executive Magistrate.
2. Chief Presidency Magistrate/ Additional Chief Presidency Magistrate / presidency Magistrate.
3. Revenue Officer not below the rank of Tehsildar.
4. Sub-Divisional Officers of the area where the candidate and / or his family normally resides.

Note : The Certificate is subject to amendment/modification of Scheduled Castes and Scheduled Tribes lists from time to time

FORM OF CERTIFICATE TO BE PRODUCED BY OTHER BACKWARD CLASSES APPLYING FOR APPOINTMENT TO POSTS UNDER
THE GOVERNMENT OF INDIA

This is to certify that Sri / Smt. / Kumari _____ son/daughter of
_____ of village/Town _____ District/Division
_____ in the State/ Union Territory _____ belongs to the
_____ community which is recognized as a backward class under the Government of
India, Ministry of Social Justice and Empowerment's Resolution No. _____ dated _____*.

Shri/Smt./Kumari _____ and/or his/her family ordinarily reside(s) in the
_____ District/Division of the _____ State/Union Territory. This is also to
certify that he/she does not belong to the persons /sections (Creamy Layer) mentioned in column 3 of the Schedule to the
Government of India, Department of Personnel & Training OM No.36012/22/93- Estt.[SCT], dated 8-9-1993**.

Dated:

District Magistrate
Deputy Commissioner etc.

Seal:

* - the authority issuing the certificate may have to mention the details of Resolution of Government of India, in which the caste of the candidate is mentioned as OBC.

** - As amended from time to time.

Note:- (a) The term "Ordinarily" used here will have the same meaning as in Section 20 of the Representation of the People Act, 1950.

(b) The authorities competent to issue Caste Certificate are indicated below:-

(i) District Magistrate/Additional Magistrate/Collector/Dy. Commissioner/Additional Deputy Commissioner/Deputy Collector/Ist Class Stipendry Magistrate/ Sub-Divisional Magistrate/Taluka Magistrate/Executive magistrate/Extra Assistant Commissioner (not below the rank of 1st class Stipendiary Magistrate).

(ii) Chief Presidency Magistrate / Additional Chief Presidency Magistrate/Presidency Magistrate.

(iii) Revenue Officer not below the rank of Tehsildar

(iv) Sub-Divisional Officer of the area where the candidate and/or his family resides.

The Prescribed proforma shall be subject to amendment from time to time as per Government of India Guidelines.

Government of

(Name & Address of the authority issuing the certificate

INCOME & ASSET CERTIFICATE TO BE PRODUCED BY ECONOMICALLY WEAKER SECTIONS

Certificate No.

Date :

VALID FOR THE YEAR

This is to certify that Shri/Smt./Kumarison/daughter/wife of permanent resident of Village/StreetPost Office..... District..... in the State/Union Territory Pin Code whose photograph is attested below belongs to Economically Weaker Sections, since the gross annual income* of his/her family** is below Rs. 8 lakh (Rupees Eight Lakh only) for the financial year His/her family does not own or possess any of the following assets*** :

- I. 5 acres of agricultural land and above;
 - II. Residential flat of 1000 sq. ft. and above;
 - III. Residential plot of 100 sq. yards and above in notified municipalities;
 - IV. Residential plot of 200 sq. yards and above in. areas other than the notified municipalities
2. Shri/Smt./Kumari belongs to the caste which is not recognized as a Scheduled Caste, Scheduled Tribe and Other Backward Classes (Central List)

Signature with seal of Office

Name

Designation

Recent Passport
size
attested
photograph
of the applicant

*Note 1 : Income covered all sources i.e. salary, agriculture, business, profession, etc.

**Note 2 :The term "Family" for this purpose include the person, who seeks benefit of reservation, his/her parents and siblings below the age of 18 years as also his/her spouse and children below the age of 18 years.

***Note 3 : The property held by a "Family" in different locations or different places/cities have been clubbed while applying the land or property holding test to determine EWS status.

NOTE :-

The Income and Asset Certificate issued 'by anyone of the following authorities in the prescribed format as given above shall only be accepted as proof of candidate's claim as 'belonging to EWS : -

- (i) District Magistrate/Additional District Magistrate/ Collector/ Deputy Commissioner/Additional Deputy Commissioner/1st Class Stipendiary Magistrate/ Sub-Divisional Magistrate/ Taluka Magistrate/ Executive Magistrate/ Extra Assistant Commissioner,
- (ii) Chief Presidency Magistrate/Additional Chief Presidency Magistrate/ Presidency Magistrate,
- (iii)Revenue Officer not below the rank of Tehsildar and
- (iv) Sub-Divisional Officer or the area where the candidate and/or his family normally resides.

FORM - I

Certificate of Disability

(In case of multiple disabilities)

(Prescribed proforma subject to amendment from time to time)

(NAME AND ADDRESS OF THE MEDICAL AUTHORITY ISSUING THE CERTIFICATE)

Recent passport size Attested Photograph (Showing face only) of the person with disability

Certificate No. :

Date :

This is to certify that I have carefully examined

Shri/Smt./Kum. _____ son/wife/daughter of Shri _____ Date of Birth
(DD / MM / YY) _____ Age _____ years, male/female _____ registration No.
_____ permanent resident of House No. _____ Ward/Village/Street
_____ Post Office _____ District _____ State _____,

whose photograph is affixed above,

and am satisfied that :

(A) He/she is a Case of Multiple Disability. His/her extent of permanent physical impairment/disability has been evaluated as per guidelines ((.....number and date of issue of the guidelines to be specified) for the disabilities ticked below, and is shown against the relevant disability in the table below :

Sr. No.	Disability	Affected Part of Body	Diagnosis	Permanent physical impairment/mental disability (in %)
1	Locomotor disability	@		
2	Muscular Dystrophy			
3	Leprosy cured			
4	Dwarfism			
5	Cerebral Palsy			
6	Acid Attack Victim			
7	Low vision	#		
8	Blindness	#		
9	Deaf	£		
10	Hard of Hearing	£		
11	Speech and Language Disability			
12	Intellectual Disability			
13	Specific Learning Disability			
14	Autism Spectrum disorder			
15	Mental-illness			
16	Chronic Neurological Conditions			
17	Multiple sclerosis			
18	Parkinson's disease			
19	Haemophilia			
20	Thalassemia			
21	Sickle Cell disease			

Contd..

(B) In the light of the above, his/her over all permanent physical impairment as per guidelines (.....number and date of issue of the guidelines to be specified), is as follows :-

In figures :- _____ percent

In words :- _____ percent

2. This condition is progressive/non-progressive/likely to improve/not likely to improve.

3. Reassessment of disability is :

(i) not necessary,

Or

(ii) is recommended / after _____ years _____ months, and therefore this certificate shall be valid till (DD / MM / YY) _____

@ - e.g. Left/Right/both arms/legs

- e.g. Single eye

£ - e.g. Left / Right / both ears

4. The applicant has submitted the following documents as proof of residence :-

Nature of Document	Date of Issue	Details of authority issuing certificate

5. Signature and Seal of the Medical Authority

Name and seal of Member	Name and seal of Member	Name and seal of Chairperson

Signature/Thumb impression of the person in whose favour disability certificate is issued.
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FORM - II

Certificate of Disability

(In cases other than those mentioned in Form I and II)

(Prescribed proforma subject to amendment from time to time)

(NAME AND ADDRESS OF THE MEDICAL AUTHORITY ISSUING THE CERTIFICATE)

Recent passport size
Attested
Photograph
(Showing face only)
of the person with
disability

Certificate No. :

Date :

This is to certify that I have carefully examined

Shri/Smt./Kum. _____ son/wife/daughter of Shri

_____ Date of Birth (DD / MM / YY) _____

Age _____ years, male/female _____ Registration No. _____ permanent resident of

House No. _____ Ward/Village/Street _____ Post

Office _____ District _____ State _____, whose photograph is affixed

above, and am satisfied that he/she is a Case of _____ disability. His/her extent of percentage

physical impairment/disability has been evaluated as per guidelines (.....number and date of issue of the guidelines

to be specified) and is shown against the relevant disability in the table below :

Sr. No.	Disability	Affected Part of Body	Diagnosis	Permanent physical impairment/mental disability (in %)
1	Locomotor disability	@		
2	Muscular Dystrophy			
3	Leprosy cured			
4	Cerebral Palsy			
5	Acid Attack Victim			
6	Low vision	#		
7	Deaf	€		
8	Hard of Hearing	€		
9	Speech and Language Disability			
10	Intellectual Disability			
11	Specific Learning Disability			
12	Autism Spectrum disorder			
13	Mental-illness			
14	Chronic Neurological Conditions			
15	Multiple sclerosis			
16	Parkinson's disease			
17	Haemophilia			
18	Thalassemia			
19	Sickle Cell disease			

(Please strike out the disabilities which are not applicable.)

- The above condition is progressive/non-progressive/likely to improve/not likely to improve.
- Reassessment of disability is :

Contd..

::2::

(i) not necessary,

Or

(ii) is recommended / after _____ years _____ months, and therefore this certificate shall be valid till (DD / MM / YY) _____

@ - e.g. Left/Right/both arms/legs

- e.g. Single eye / both eyes

£ - e.g. Left / Right / both

ears

4. The applicant has submitted the following documents as proof of residence :-

Nature of Document	Date of Issue	Details of authority issuing certificate

(Authorised Signatory of notified Medical Authority)

(Name and Seal)

Countersigned

{Countersignature and seal of the CMO/Medical Superintendent/Head of Government Hospital, in case the certificate is issued by a medical authority who is not a government servant (with seal)}

Signature/Thumb impression of the person in whose favour disability certificate is issued.