



**CSIR-Central Electrochemical Research Institute**  
**Council Of Scientific and Industrial Research**  
**Karaikudi 630003, Tamilnadu, India**

Advertisement No. 02/2016 Dated 27.02.2016

Last Date for Receipt of on-line application 28.03.2016

**A unique opportunity for research careers in Science & Technology**

Central Electrochemical Research Institute (CSIR-CECRI), Karaikudi, 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, Bio-electrochemistry, Process engineering, 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 more details about the institute, visit <http://www.cecri.res.in>

Applications are invited from enthusiastic, young and dynamic Indian Nationals having excellent academic record/proven scientific achievements/requisite experience and desire to take up research as a career in R&D areas given below. For technical posts, the persons must be capable of supporting the R&D activities of the Institute. The details of the positions and the respective emoluments as well as age limit are given below:

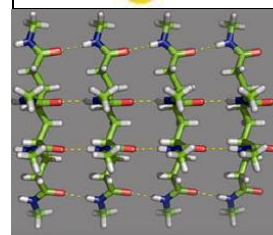
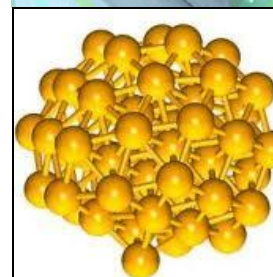
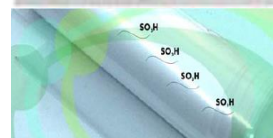
| Designation         | No. of Posts                        | Pay Band                 | Grade Pay | **Total Emoluments | ***Upper Age Limit not exceeding (as on <u>28.03.2016</u> ) |
|---------------------|-------------------------------------|--------------------------|-----------|--------------------|---|
| *Scientist          | # 21<br>(ST-3, SC-3, OBC-4 & UR-11) | Rs.15600-39100<br>(PB-3) | Rs.6600/- | Rs.63,225/-        | 32 years  |
| *Senior Scientist   |                                     |                          | Rs.7600/- | Rs.72,989/-        | 37 years  |
| Technical Assistant | 3<br>(ST-1 & UR-2)                  | Rs.9300-34800<br>(PB-2)  | Rs.4200   | Rs.32,667/-        | 28 years  |

# Out of 21 posts, two posts will be reserved for HH depending on the number of eligible applications received.

\* The Selection Committee may choose to place the candidate in any of the Grade Pay within the Pay Band depending upon the performance of the candidate and subject to meeting the minimum eligibility criterion specified.

\*\* Total Emoluments means approximate total emoluments on minimum of scale including House Rent Allowance in Class 'Z' City.

\*\*\*Please see age relaxation under Relaxation.



a) Scientist Positions

| Post Code/ Nos. of Positions & Category | Pay Band              | Designation & Grade Pay (GP)/ Age limit not exceeding | Essential Educational qualification & Experience   | Division / Theme / Area                     | Desirable Qualification & Experience  | Job Specification   |
|---|-----------------------|---|--|---|---|---|
| S01<br>1 post<br>(SC)                   | 15600-39100<br>(PB-3) | Scientist<br>GP 6600/-<br>Age limit : 32yrs           | Ph.D (submitted) in Chemistry/Electro-chemistry/Chemical Engineering.  | Electroplating & Metal Finishing Technology | Analysis of Water /Electroplating baths.<br><br>Experience in preparation of electroplating/electroforming electrolytes/baths, Analysis of electroplating/electroforming baths, assisting to conduct experiments in electroplating/electroforming process | Incumbent will have to carry out independent research in the area of electroplating and metal finishing solving industrially relevant problems. |
|   |                       | Senior Scientist<br>GP 7600/-<br>Age limit :37 yrs    | Ph.D in Chemistry /Electrochemistry/ Chemical Engineering ( <u>2 years of Postdoctoral Experience for Ph.D in Science</u> )  |   |   |   |
| S02<br>1 post<br>(OBC)                  | 15600-39100<br>(PB-3) | Scientist<br>GP 6600/-<br>Age limit : 32yrs           | Ph.D (submitted) in Metallurgy / Materials Science/Physical Chemistry  | Electroplating & Metal Finishing Technology | Experience in preparation of electroplating/Electroforming electrolytes/baths, conduct experiments in electroplating/electroforming process, characterization on electrodeposits – Wear, SEM, EDAX, XRD, AFM, TEM   | Incumbent will have to do independent research in the area of electroplating and metal finishing solving industrially relevant problems.        |
|   |                       | Senior Scientist<br>GP 7600/-<br>Age limit :37 yrs    | Ph.D in Metallurgy / Materials Science/ Physical Chemistry ( <u>2 years of Postdoctoral Experience for Ph.D in Science</u> ) |   |   |   |
| S03<br>1 post<br>(UR)                   | 15600-39100<br>(PB-3) | Scientist<br>GP 6600/-<br>Age limit : 32yrs           | Ph.D (submitted) in Chemical Engineering/ Materials Science & Engineering  | Electroplating & Metal Finishing Technology | Experience in preparation of electroplating/electroforming electrolytes/baths, conducting experiments in electroplating/electroforming process, electrochemical plants/cells, waste water disposal/effluent treatments from Electroplating plants         | Incumbent will have to do independent research in the area of electroplating and metal finishing solving industrially relevant problems.        |
|   |                       | Senior Scientist<br>GP 7600/-<br>Age limit :37 yrs    | Ph.D in Chemical Engineering/ Materials Science & Engineering  |   |   |   |
| S04<br>1 post<br>(OBC)                  | 15600-39100<br>(PB-3) | Scientist<br>GP 6600/-<br>Age limit : 32yrs           | Ph.D (submitted) in Chemistry/Materials Science/ Chemical Engineering  | Corrosion & Materials Protection            | Specialization in synthesis of inhibitor compounds for industrial applications with 2 years experience in track record in solving industrial corrosion problems.  | Incumbent will have to carry out research as a team member in the area of Corrosion inhibitors for industrial applications.                     |
|   |                       | Senior Scientist<br>GP 7600/-<br>Age limit :37 yrs    | Ph.D in Chemistry /Materials Science/ Chemical Engineering ( <u>2 years of Postdoctoral Experience for Ph.D in Science</u> ) |   |   |   |
| S05<br>1 post<br>(UR)                   | 15600-39100<br>(PB-3) | Scientist<br>GP 6600/-<br>Age limit : 32yrs           | ME/M.Tech (Chemical Engineering)   | Corrosion & Materials Protection            | Specialization in Flow corrosion.   | Incumbent will have to carry out research as a team member in the area of pipeline carrying oil, gas, fluids and industry related matters.      |
|   |                       | Senior Scientist<br>GP 7600/-<br>Age limit :37 yrs    | ME/M.Tech (Chemical Engineering) with <u>3 years of Post qualification Experience</u>  |   |   |   |

| Post Code/ Nos. of Positions & Category | Pay Band              | Designation & Grade Pay (GP)/ Age limit not exceeding | Essential Educational qualification & Experience   | Division / Theme / Area          | Desirable Qualification & Experience   | Job Specification  |
|---|-----------------------|---|--|----------------------------------|--|--|
| S06<br>1 post<br>(UR)                   | 15600-39100<br>(PB-3) | Scientist<br>GP 6600/-<br>Age limit : 32yrs           | M.E./M.Tech (Metallurgy)   | Corrosion & Materials Protection | Specialization in Developing anticorrosive alloys for various industrial applications  | Incumbent will have to carry out research as a team member in the area of alloy developments   |
|   |                       | Senior Scientist<br>GP 7600/-<br>Age limit : 37 yrs   | M.E./M.Tech (Metallurgy) with <b>3 years of Post qualification Experience</b>  |                                  |  |  |
| S07<br>1 post<br>(UR)                   | 15600-39100<br>(PB-3) | Scientist<br>GP 6600/-<br>Age limit : 32yrs           | ME (Civil)   | Corrosion & Materials Protection | Specialization in concrete design/high performance concrete/experience in carrying out software analysis like ANSYS/FEM/MATLAB/in solving corrosion related problems | Incumbent will have to carry out research as a team member in the area of High performance concrete for durable structures.  |
|   |                       | Senior Scientist<br>GP 7600/-<br>Age limit : 37 yrs   | ME (Civil) with <b>3 years of Post qualification Experience in corrosion studies</b>                                 |                                  |  |  |
| S08<br>1 post<br>(UR)                   | 15600-39100<br>(PB-3) | Scientist<br>GP 6600/-<br>Age limit : 32yrs           | ME/M.Tech (Electronics/ Instrumentation)   | Corrosion & Materials Protection | Specialization in development of Newer NDT techniques for Corrosion monitoring in Civil infrastructure   | Incumbent will have to carry out research as a team member in the area of Fabrication of equipments for corrosion monitoring.  |
|   |                       | Senior Scientist<br>GP 7600/-<br>Age limit : 37 yrs   | ME/M.Tech (Electronics/ Instrumentation) with <b>3 years of Post qualification Experience in corrosion studies</b>   |                                  |  |  |
| S09<br>1 post<br>(UR)                   | 15600-39100<br>(PB-3) | Scientist<br>GP 6600/-<br>Age limit : 32yrs           | Ph.D (submitted) in Chemical Engineering   | Electro-chemical Power Sources   | Experience for redox flow batteries and other rechargeable batteries   | Incumbent will have to carry out independent research activities in redox flow batteries & fuel cells.   |
|   |                       | Senior Scientist<br>GP 7600/-<br>Age limit : 37 yrs   | Ph.D in Chemical Engineering   |                                  |  |  |
| S10<br>1 post<br>(ST)                   | 15600-39100<br>(PB-3) | Scientist<br>GP 6600/-<br>Age limit : 32yrs           | Ph.D (submitted) in Chemistry/ Materials Science   | Electro-chemical Power Sources   | Experience in the development of electrode materials, electrolyte and electrocatalyst for all redox flow batteries.  | Incumbent will have to carry out independent research work in rechargeable batteries including redox flow batteries.   |
|   |                       | Senior Scientist<br>GP 7600/-<br>Age limit : 37 yrs   | Ph.D in Chemistry/ Materials Science with <b>2 years of Postdoctoral Experience</b>                                  |                                  |  |  |
| S11<br>2 posts<br>(UR-1, OBC-1)         | 15600-39100<br>(PB-3) | Scientist<br>GP 6600/-<br>Age limit : 32yrs           | Ph.D(submitted) in <b>Chemistry/ Physics</b>   | Bio-electrochemistry             | Experience in the area of spectroscopy (IR, Raman and UV) along with exposure to electrochemistry-   | To design thin layer electrochemical cells suitable for insitu measurements using IR, Raman and UV spectroscopies and to isolate and identify intermediates and suggest mechanisms for technologically important electrochemical reactions related to fuel cells, sensors, microbial electrochemical technologies. |
|   |                       | Senior Scientist<br>GP 7600/-<br>Age limit : 37 yrs   | Ph.D in <b>Chemistry/ Physics</b> with <b>2 years of Postdoctoral Experience In Biosensors/ Bio-electrochemistry</b> |                                  | Electrochemical imaging – conversant with SECM (Scanning electrochemical microscopy)- Scanning probe techniques – AFM, STM , EC – STM, EC – AFM                      |  |

| Post Code/ Nos. of Positions & Category | Pay Band              | Designation & Grade Pay (GP)/ Age limit not exceeding | Essential Educational qualification & Experience  | Division / Theme / Area | Desirable Qualification & Experience   | Job Specification  |
|---|-----------------------|---|---|-------------------------|--|--|
| S12<br>1 post<br>(UR)                   | 15600-39100<br>(PB-3) | Scientist<br>GP 6600/-<br>Age limit : 32yrs           | <b>Ph. D (submitted) in Electrochemistry/ Biological Chemistry/ Physical Chemistry/ Biochemical Engineering</b>   | Bio-electrochemistry    | Bioanalytical Science - development of biosensors (analytical devices incorporating a biological material (e.g. tissue, microorganisms, organelles, cell receptors, enzymes, antibodies, nucleic acids, natural products etc.), a biologically derived material (e.g. recombinant antibodies, engineered proteins, aptamers ,G-quadruplex ligands etc) or a biomimic (e.g. synthetic receptors, biomimetic catalysts, combinatorial ligands, imprinted polymers etc)Microbial electrosynthesis-Engineering and Economic Potential of Electricity-Driven Bio-Production. Experience in microfluidic systems | Incumbent will have to carry out independent research work in areas at the interface of Electrochemistry and Biology   |
|   |                       | Senior Scientist<br>GP 7600/-<br>Age limit :37 yrs    | <b>Ph. D in Electrochemistry / Biological Chemistry/ Physical Chemistry/ Biochemical Engineering (2 years of Postdoctoral Experience for Ph.D in Science)</b> |                         |  |  |
| S13<br>1 post<br>(UR)                   | 15600-39100<br>(PB-3) | Scientist<br>GP 6600/-<br>Age limit : 32yrs           | Ph.D.(submitted) in Chemical Engineering /Electrochemistry  | CECRI<br>Chennai Unit   | Experience in fuel cell stack assembly and testing and also has expertise in water and thermal management of fuel cell stack.  | Fabrication of polymer electrolyte fuel cell stacks.Designing the flow field for the bipolar plates.Thermal and water management inside the stack. Test the long term durability of the stack. Integrate the stack with other balance of plant components. Work on DMFC stacks for portable applications.  |
|   |                       | Senior Scientist<br>GP 7600/-<br>Age limit :37 yrs    | Ph.D in Chemical Engineering /Electrochemistry ( <b>2 years of Postdoctoral Experience for Ph.D in Science</b> )  |                         |  |  |
| S14<br>2 posts<br>(UR-1,<br>OBC-1)      | 15600-39100<br>(PB-3) | Scientist<br>GP 6600/-<br>Age limit : 32yrs           | ME/M.Tech Chemical / Electrical/Mechanical/ Industrial Engineering  | CECRI<br>Chennai Unit   |  | Process control engineer responsible for design, test, troubleshoot, and oversee implementation of processes in Li-ion battery manufacturing.<br><br>Job includes maintaining automation processes of battery manufacturing which involve chemical, mechanical or electrical processes.<br><br>Overseeing the larger production picture, required to create and implement new strategies to improve process efficiency, as well as supporting start-up activities. |
|   |                       | Senior Scientist<br>GP 7600/-<br>Age limit :37 yrs    | ME/M.Tech Chemical / Electrical/ Mechanical/ Industrial Engineering with <b>3 years of Post qualification Experience</b>                                      |                         |  |  |

| Post Code/ Nos. of Positions & Category | Pay Band           | Designation & Grade Pay (GP)/ Age limit not exceeding | Essential Educational qualification & Experience  | Division / Theme / Area                              | Desirable Qualification & Experience  | Job Specification  |
|---|--------------------|---|---|--|---|--|
| S15<br>2 posts (ST-1, SC-1)             | 15600-39100 (PB-3) | Scientist<br>GP 6600/-<br>Age limit : 32yrs           | Ph.D.(submitted) in Chemistry/organic/electro organic chemistry   | <b>Electro-chemical process Engineering Division</b> | Specialization in synthetic organic chemistry/electro organic synthesis / development of electro catalyst for organic synthesis   | Incumbent will have to undertake independent research in the area of electrochemical synthesis of industrially important organic fine chemicals, pharmaceuticals etc. He/She should have proven record of experience in electrosynthesis/ chromatographic separation of organic compounds and characterization of products by GC/GC-MS/HPLC/NMR etc. |
|   |                    | Senior Scientist<br>GP 7600/-<br>Age limit : 37 yrs   | Ph.D. in Chemistry/organic/electro organic chemistry with <b><u>2 years of Postdoctoral Experience</u></b>                                    |  | Specialization in synthetic organic chemistry/electro organic synthesis / green synthesis of organic compounds / Use of ionic liquids in electro organic synthesis /development of electro catalyst for organic synthesis.  |  |
| S16<br>1 post (SC)                      | 15600-39100 (PB-3) | Scientist<br>GP 6600/-<br>Age limit : 32yrs           | Ph.D (submitted) in Chemistry / Materials Science / Physics/ Materials Engineering  | <b>Electro-chemical power systems</b>                | Specialization in synthetic and characterization organic electrolytes / ionic liquid electrolytes for electrochemical power systems such as Lithium / Sodium ion batteries / super capacitors.  | Incumbent will have to undertake independent research in the area of electrochemical power systems. He/She should have proven record of experience in green electrolyte / ionic liquid electrolyte synthesis and characterization for Lithium / Sodium ion batteries / super capacitors etc.   |
|   |                    | Senior Scientist<br>GP 7600/-<br>Age limit : 37 yrs   | Ph.D in Chemistry / Materials Science / Physics/ Materials Engineering <b><u>(2 years of Postdoctoral Experience for Ph.D in Science.</u></b> |  |   |  |
| S17<br>1 post (UR)                      | 15600-39100 (PB-3) | Scientist<br>GP 6600/-<br>Age limit : 32yrs           | Ph.D (submitted) in Chemical Engineering.   | <b>Electro-inorganic Chemicals Division</b>          | Very good knowledge in the area of chemical technology, process calculations and thermodynamics, fluid mechanics and mechanical operations, heat transfer, mass transfer, chemical reaction engineering, electrochemical engineering for modelling and designing of higher capacity electrochemicals cells for water electrolyzers/water treatment cells / photo electorchemical cells. | Incumbent will have to carry out designing and operation of high capacity electrolyzers and photo-electrochemical cells for hydrogen generation with group of Scientists.  |
|   |                    | Senior Scientist<br>GP 7600/-<br>Age limit :37 yrs    | Ph.D in Chemical Engineering  |  |   |  |
| S18<br>1 post (ST)                      | 15600-39100 (PB-3) | Scientist<br>GP 6600/-<br>Age limit : 32yrs           | Ph.D (submitted) in Chemistry   | <b>Electro-inorganic Chemicals Division</b>          | Ability to classify intermediate products and suggest mechanisms for important electrochemical reactions related to water treatment and designing of cells.   | Incumbent will have to carry out designing and operation of domestic and community model water treatment process and designing of photo-electrochemical cells for water treatment.   |
|   |                    | Senior Scientist<br>GP 7600/-<br>Age limit :37 yrs    | Ph.D in Chemistry with <b><u>2 years of Postdoctoral Experience</u></b>   |  |   |  |

**b) Technical Positions**

| Post Code/<br>Nos. of<br>Positions &<br>Category | Pay<br>Band &<br>Grade<br>Pay                        | Designation<br>& Age limit<br>not<br>exceeding | Essential Qualifications  | Desirable qualifications  | Job requirements  |
|--|--|--|---|---|---|
| TA01<br>1 post<br>(UR)                           | Rs.9300<br>-34800<br>(PB-2)<br>G.P.<br>Rs.4200<br>/- | Technical<br>Assistant ;<br>Age – 28<br>years  | 1st class Dip in Electronics & Commn./Electronics & Instrumentation Engg/Technology of 3 years full time duration or atleast 2 years full time duration in case of lateral admission or its equivalent with 2 years experience in maintenance and operation of R&D instruments. | Bachelor's degree in Electronics and communication/Electronics and Instrumentation Engg. With one year experience in handling instruments based on X-ray techniques, XRD, XPS, XRF, etc.      | Routine Operation, maintenance, trouble shooting of XRD, XPS, XRF, PPMS etc.  |
| TA02<br>1 post<br>(UR)                           | Rs.9300<br>-34800<br>(PB-2)<br>G.P.<br>Rs.4200<br>/- | Technical<br>Assistant ;<br>Age – 28<br>years  | 1st class Dip. In Electronics/Electrical/Mechanical Engg. Of 3years fulltime duration or atleast 2 years full time duration in case of lateral admission or its equivalent with 2 years experience in Business Management/Marketing.  | Bachelor's degree in Electronics/Electrical/Mechanical Engg. With one year experience in IP related works/technology transfer agreements with knowledge of IP law/ Marketing management etc., | To assist in drafting and processing of MoU/Agreements, clients / Public Relations, R &D Product and technology transfer /marketing licensing , IP related works              |
| TA03<br>1 post<br>(ST)                           | Rs.9300<br>-34800<br>(PB-2)<br>G.P.<br>Rs.4200<br>/- | Technical<br>Assistant ;<br>Age – 28<br>years  | First class B.Sc (Physics/Chemistry) with one year professional qualification in Journalism or English Literature/Communication or one year experience in the above discipline from a recognized Institute/Organisation.  | PG diploma in Journalism/mass communications.   | To assist in compilation, editing, proof reading and publishing work of the institutional publications and publicity materials, press , Media liaison and database management |

**ST: Scheduled Tribe; OBC: Other Backward Class; UR: Unreserved; HH: Hearing Handicapped.**

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

**General information and conditions:-**

**1. Benefits under Council service:**

- 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 which case HRA will not be admissible.
- Scientists in Pay Band-3 are eligible for 2 additional increments (without DA) and Professional update allowance of Rs.10000/- per annum.
- In addition to the emoluments indicated against each category of posts, benefits such as applicability of New Pension Scheme 2004, reimbursements of Medical Expenses, Leave Travel Concession, Conveyance advance and House Building Advance are available as per CSIR rules.
- Scientists in CSIR are also permitted to undertake consultancy and sponsored R&D project activity. These activities give them scope to earn consultancy fee and honorarium as per CSIR guidelines governing these activities. Opportunities also arise for foreign deputations for training/presentation of papers/specific assignments etc.
- CSIR provides excellent opportunities to deserving candidates for career advancement under Assessment Promotion scheme for Scientists.
- Deserving candidates may be considered for advance increment as per CSIR Rules.

**2. Other conditions**

- The applicant must be a citizen of India.
- 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 applications. 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 applications. No 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 candidates to be called for interview. 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 experiences in the relevant area over and above the minimum prescribed qualification, supported with documents. Completion of Ph.D. degree will be reckoned from the date of issue of provisional certificate/notification.

- c. 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 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 interview.
- 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 disabilities (PWD) fulfilling the eligibility conditions prescribed under GOI instructions are encouraged to apply.
- j. In case a candidate is staying abroad, if found suitable for the posts applied against Scientist/Sr.Scientist posts, his/her candidature may be considered *in absentia* by the Selection Committee on his/her written request.
- k. Only outstation candidates called and found eligible for interview will be paid to and fro single second class rail fare from the actual place of undertaking the journey or from the normal place of their residence whichever is nearer to Karaikudi Railway Station on production of Rail Tickets/Rail Ticket Numbers or any other proof of journey.
- l. Any discrepancy found between the information given in application and as evident in original documents will make the candidate ineligible for appearing in interview. Such candidate will not be paid any fare.
- m. The decision of the Director, **CSIR-CECRI** in all matters relating to eligibility, acceptance or rejection of applications, mode of selection, conduct of examination/interview will 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.
- o. NO INTERIM ENQUIRY OR CORRESPONDANCE WILL BE ENTERTAINED.

### **3. Relaxations :**

- a. The upper age limit is relaxable upto 05 years for SC/ST and 03 years for OBC as per Government orders in force only in those cases where the post are reserved for respective categories, on production of relevant certificate in the prescribed format signed by the specified authority at the time of interview.
- b. 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.
- c. 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 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 judgment/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.
- d. Age relaxation to Physically Handicapped (PH) persons: Age relaxation of 10 years is allowed (total 15 years for SCs/STs and 13 years for OBCs in respect of the posts reserved for them) to blind, deaf-mute and orthopedically

handicapped persons for appointment to Group 'A' & 'B' posts/services. The persons claiming age relaxation under this sub-para would be required to produce a certificate in prescribed proforma in support of their claims clearly indicating that the degree of physical disability is 40% or more. In any case, the appointment of these candidates will be subject to their being found medically fit in accordance with the standards of medical fitness as prescribed by the Government for each individual Group 'A' & 'B' posts to be filled by Direct Recruitment by Selection.

- e. 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.
- f. 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 concerned authority.

#### 4. **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 on our website <http://www.cecri.res.in> upto 28.03.2016 (05.30 PM)**
- d. Candidates are required to arrange for a crossed **Demand Draft for Rs.500/- (for Scientist/Sr.Scientist posts) / Rs.100/- (for Technical Assistant posts) drawn on any nationalized bank and valid for at least 3 months in favour of "Director, CSIR-CECRI" payable at Karaikudi.** The last date for submitting online application and making of Demand Draft is **28.03.2016**. This date will be the same for the candidates belonging to far-flung areas. The following details must be filled up on back side of Demand Draft **(i) Candidate's Name, (ii) Candidate's Category, (iii) Post Code Applied For.** The candidates belonging to SC/ST/PH/Women/CSIR Employees are exempted from payment of application fee.
- e. In case of universities/institute awarding CGPA/SGPA/OGPA grades etc., candidates are requested to convert the same into percentage based on the formula as per their university/institute.
- f. i) To apply online, the candidate has to register with his/her name and email-id.  
ii) After successful registration, login credentials (username and password) will be sent to the candidate's email-id.  
iii) The candidate has to login using the credentials and apply through the electronic application form.
- g. 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, candidate can print the application.
- h. This computer generated application (Print-out) duly accompanied by self attested copies of the certificates, mark sheets, testimonials in support of age, education qualifications, experience, re-prints of publications and caste certificate, if applicable along with one recent passport size self-signed photograph affixed together with Demand Draft (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-630 003, Tamil Nadu on or before 06.04.2016.** Candidates applying for more than one post must submit separate application form for each post indicating the Code No. of the post. The hard copy(s) of each application must be accompanied by separate Demand Draft(s).
- i. Application once made 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. 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 orders. Also, vigilance clearance should also be recorded. However, advance copy of the application may be submitted before the closing date. Applications routed through proper channel should reach The Controller of Administration, CSIR-CECRI, Karaikudi-630003 at the earliest.
- k. Candidates should specifically note that the applications 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.
- l. Incomplete applications (i.e. unsigned, without photograph and application fee, applicable testimonials etc.) will not be entertained and will be summarily rejected.



**5. Following documents must be attached along with application form sent by post:**

- a Demand Draft of Rs.500/- (for Scientist/Sr.Scientist posts) / Rs.100/- (for Technical Assistant posts) as application fee, where applicable.
- b Coloured photograph pasted on the form and signed across in full.
- c Self Attested photocopy of Date of Birth Certificate.
- d Self Attested photocopies of education qualifications certificates.
- e Self Attested photocopy of caste certificate, if applicable.
- f Self Attested photocopies of experience certificates, if any.

**Controller of Administration**  
CSIR-Central Electrochemical Research Institute  
Karaikudi 630003, Tamilnadu