सीएसआईआर-केंद्रीय विद्युतरसायन अनुसंधान संस्थान

CSIR - CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE

(वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद / Council of Scientific & Industrial Research)

कारैकुडी/Karaikudi – 630 003

Notification No. PS – 03/2026 Dated 08.05.2026

INTERVIEW FOR THE ENGAGEMENT OF PROJECT PERSONNEL ON TEMPORARY BASIS

- **Date of Commencement of Online Application: 08.05.2026 from 10.00 AM onwards.**
- **Last date for Submission of Online Application: 18.05.2026 up to 05.00 PM.**

CSIR-Central Electrochemical Research Institute (CSIR-CECRI), Karaikudi is a premier institute working under the aegis of Council of Scientific and Industrial Research (CSIR) an autonomous body functions under Department of Scientific & Industrial Research (DSIR), Ministry of Science & Technology, Government of India.

CSIR-CECRI desires to engage talented candidates as **Senior Project Associate, Project Associate –II, Project Associate - I and Project Assistant - II** on temporary basis in various projects tenable at CSIR- CECRI, Karaikudi as per qualification, age, emoluments, etc., detailed in the table below:

Position Code	Name of the Position / No of Position(s)	Essential & Desirable Qualification	Title of the Project	Maximum age Limit (as on the date of interview)	Stipend (Per month in Rs.)
P01	Senior Project Associate (01 Position)	B.Tech in Biotechnology or equivalent with 3 years R&D Experience (or) Ph.D. in Biotechnology or M.Tech or M.S.in Biotechnology or equivalent with 2 years R&D Experience **Desirable:** Molecular assay of bioactives, in vitro and in vivo methods. Bioformulation preparation and testing	Electrochemical-based Sustainable Scale-Up for Translating Marine Biostimulants into Next-Gen Agri-Biologicals	40 Years	₹ 42,000/- + HRA
	Senior Project Associate (01 Position)	M.Sc. in Chemistry with 3 years R&D Experience **Desirable:** Experience in Electro-Organic and materials synthesis	Production of FDCA through electrochemical route from 5-HMF	40 Years	₹ 42,000/- + HRA

Position Code	Name of the Position / No of Position(s)	Essential & Desirable Qualification	Title of the Project	Maximum age Limit (as on the date of interview)	Stipend (Per month in Rs.)
P01	Senior Project Associate (01 Position)	B.Tech/B.E in Chemical Engineering/ Chemical and Electrochemical Engineering/ Production Engineering /Mechanical Engineering with 3 years R&D experience (or) M.Tech /M.E in Chemical Engineering/ Chemical and Electrochemical Engineering/ Production Engineering/ Mechanical Engineering with 2 years R&D experience **Desirable:** (i) Knowledge and Experience in Operation and Testing of Electrolysers for Hydrogen production in Induatry (ii) Knowledge and Handson Experience in CFD software (COMSOL/ Ansys/ OpenFOAM) with Strong understanding of Fluid Mechanics, Heat Transfer, Process Flow design with mass &energy balance and thermodynamics	Development of Cutting –edge Polymer Electrolyte Membrane Electrolyser Stack of 50 kW	40 Years	₹ 42,000/- + HRA
	Senior Project Associate (01 Position)	Ph.D in Chemistry or M.Tech in Chemical Engineering with 2 years R&D Experience (or) M.Sc in Chemistry with 3 years R&D Experience **Desirable:** Nil	Development of Hybrid intumescent-Thermal Barrier Coatings for Fire Safety and Energy Savings in Refineries	40 Years	₹ 42,000/- + HRA
P02	Project Associate-II (02 Positions)	M.Sc. in Chemistry with 2 years R&D Experience **Desirable:** Two years research experience with prior expertise in electrode materials preparation via thermochemical methods and super capacitor device fabrication	Turning Trash into Power: Converting Industrial Biomass Waste into Carbon for Next-Gen Energy Storage	35 Years	₹ 28,000/- + HRA

Position Code	Name of the Position / No of Position(s)	Essential & Desirable Qualification	Title of the Project	Maximum age Limit (as on the date of interview)	Stipend (Per month in Rs.)
P02	Project Associate-II (01 Position)	M.Sc. in Chemistry/ Physics/ liMaterial Science or equivalent with 2 years R&D Experience **Desirable:** Research exposure in Li-ion / Na-ion battery materials, Electrochemical Energy storage	Sustainable Sodium-Ion Anode Materials and High-Power LFP Pouch Cell Development for Advanced Energy Storage Applications	35 Years	₹ 28,000/- + HRA
P03	Project Associate-I (04 Positions)	M.Sc. in Chemistry **Desirable:** Working Experience in Electrochemistry, Electrodeposition, Electroplating	Development of Chromium coating using tri-valent Cr bath electroplating process on inner bore of tubes and long cylindrical sections-Phase II	35 Years	₹ 25,000/- + HRA
	Project Associate-I (01 Position)	M.Sc. in Chemistry **Desirable:** Working Experience in Electrochemistry, Anodizing. Familiar with electrochemical techniques like cyclic voltammetry, Polarization, corrosion studies	Development of sulphuric acid free electrolyte for aluminium anodizing process	35 Years	₹ 25,000/- + HRA
	Project Associate-I (01 Position)	M.Sc. in Chemistry **Desirable:** Material Synthesis, Renewable Energy, Batteries and Catalysis	Designing Multiphasic layered cathode materials for Potassium-Ion batteries	35 Years	₹ 25,000/- + HRA
	Project Associate-I (01 Position)	M.Sc. in Chemistry **Desirable:** Nil	Design and Development of Organic Inhibitors for Corrosion Mitigation of Metal Alloys Used in Automotive Components in Biodiesel-Diesel Blended Fuels	50 Years	₹ 30,000/- + HRA
	Project Associate-I (01 Position)	M.Sc. in Chemistry or equivalent **Desirable:** Nil	Development of Scalable Non-Noble Metal Electrocatalysts for AEM and Alkaline Water Electrolysis	35 Years	₹ 25,000/- + HRA
	Project Associate-I (01 Position)	M.Sc. in Chemistry or equivalent **Desirable:** Knowledge on corrosion inhibition studies	Hydrogen Embrittlement and Corrosion Inhibitor Influence on Structural Metallic Materials in Energy Sector	35 Years	₹ 25,000/- + HRA

Position Code	Name of the Position / No of Position(s)	Essential & Desirable Qualification	Title of the Project	Maximum age Limit (as on the date of interview)	Stipend (Per month in Rs.)
P03	Project Associate-I (01 Position)	Masters/Integrated Masters in Chemistry **Desirable:** Nil	Production of FDCA through electrochemical route from 5-HMF	35 Years	₹ 25,000/- + HRA
	Project Associate-I (03 Positions)	M.Sc. in Chemistry/ Physics **Desirable:** Working Experience in electrochemistry or solar panel recycling	Recovery of Multifarious Components and Development of Interlocking Blocks from End-of-life solar Panels/Modules	35 Years	₹ 25,000/- + HRA
	Project Associate-I (02 Positions)	M.Sc. in Chemistry/ Physics **Desirable:** Nil	Developing Efficient Electrolytes and Electrodes for Ecological and Economical Redox Flow Batteries	35 Years	₹ 25,000/- + HRA
	Project Associate-I (01 Position)	M.Sc in Chemistry/ Material Science/ Physics or equivalent **Desirable:** Research exposure in Li-ion / Na-ion battery materials, Electrochemical Energy storage	Sustainable Sodium-Ion Anode Materials and High-Power LFP Pouch Cell Development for Advanced Energy Storage Applications	35 Years	₹ 25,000/- + HRA
	Project Associate-I (01 Position)	M.Sc. in Physics **Desirable:** 6 months Experience	Validation of fluid dynamics in the temperature-regulated mattress	35 Years	₹ 25,000/- + HRA
	Project Associate-I (01 Position)	M.Sc. in Physics/ Material Science/ Nanotechnology **Desirable:** 6 months Experience	Doped - silicon carbide coatings on complex shapes using preceramic and their blends	35 Years	₹ 25,000/- + HRA
	Project Associate-I (01 Position)	M.Sc in Nanoscience or equivalent **Desirable:** Knowledge on Hydrogen Embrillement Studies	Hydrogen Embrittlement and Corrosion Inhibitor Influence on Structural Metallic Materials in Energy Sector	35 Years	₹ 25,000/- + HRA

Position Code	Name of the Position / No of Position(s)	Essential & Desirable Qualification	Title of the Project	Maximum age Limit (as on the date of interview)	Stipend (Per month in Rs.)
P03	Project Associate-I (01 Position)	M.Sc. in Microbiology or equivalent **Desirable:** Marine algal biomass preparation, processing and testing	Electrochemical-based Sustainable Scale-Up for Translating Marine Biostimulants into Next-Gen Agri-Biologicals	35 Years	(i)₹31,000/- p.m. + HRA for those candidates who have qualified CSIR - UGC / ICAR / ICMR / NET including lectureship / assistant professorship or GATE or those who have qualified National level examinations conducted by Central Government Departments like DBT/ DST or equivalent and / or their Agencies/ Institutions. (ii) ₹25,000/- p.m + HRA for others who do not fall under (i) above.
	Project Associate-I (03 Positions)	M.Sc. in Chemistry/ Physics (or) B.E/ B.Tech in Chemical / Mechanical Engineering **Desirable:** Nil	Battery to Battery Recovery of Metal Values from Spent Lithium-Ion Batteries and Fabrication of New Lithium Ion Batteries-A Circular Economy Approach	35 Years	₹ 25,000/- + HRA
	Project Associate-I (02 Positions)	M.Sc. in Chemistry/ Physics (or) B.E/B.Tech in Chemical/ Mechanical Engineering **Desirable:** Experience in Lithium Battery Fabrication, Material Synthesis	Large scale production of SiC suitable for hard Armour panels through carbothermal and magnesiothermic reduction techniques	35 Years	₹ 25,000/- + HRA

Position Code	Name of the Position / No of Position(s)	Essential & Desirable Qualification	Title of the Project	Maximum age Limit (as on the date of interview)	Stipend (Per month in Rs.)
P03	Project Associate-I (01 Position)	M.Sc. in Chemistry or equivalent (or) B.Tech in Chemical Engineering/ Material Science or equivalent **Desirable:** Nil	Development of Scalable Non-Noble Metal Electrocatalysts for AEM and Alkaline Water Electrolysis	35 Years	₹ 25,000/- + HRA
	Project Associate-I (01 Position)	M.Sc in Chemistry (or) B.Tech in Chemical Engineering or equivalent **Desirable:** Nil	Development of a single layer Thermal Insulating Coating for Corrosion Under Insulation Mitigation in Industrial carbon steel assets	35 Years	₹ 25,000/- + HRA
	Project Associate-I (01 Position)	M.Sc in Chemistry (or) B.Tech in Chemical Engineering or equivalent **Desirable:** Nil	Development of Hybrid intumescent-Thermal Barrier Coatings for Fire Safety and Energy Savings in Refineries	35 Years	(i)₹31,000/- p.m. + HRA for those candidates who have qualified CSIR–UGC/ ICAR /ICMR /NET including lectureship/ assistant professorship or GATE or those who have qualified National level examinations conducted by Central Government Departments like DBT/ DST or equivalent and/ or their Agencies/ Institutions. (ii) ₹25,000/- p.m + HRA for others who do not fall under (i) above.
	Project Associate-I (02 Positions)	M.Sc. in Chemistry/ Physics/ Material Science (or) B.Tech in Chemical Engineering **Desirable:** Nil	Development of Diamond Like Carbon (DLC) Coatings by RF-PECVD on Additive Manufactured Orthopedic Implants/ Refurbished Cutting Tools for Wear Resistance	35 Years	₹ 25,000/- + HRA

Position Code	Name of the Position / No of Position(s)	Essential & Desirable Qualification	Title of the Project	Maximum age Limit (as on the date of interview)	Stipend (Per month in Rs.)
P03	Project Associate-I (02 Positions)	M.Sc in Chemistry (or) B.Tech in Chemical Engineering / Chemical and Electrochemical Engineering **Desirable:** Sensor fabrication, Electrochemistry analaytical techniques	AI/ML-Integrated IoT Based Atmospheric Corrosion Monitoring System (A-I-ACM)	35 Years	₹ 25,000/- + HRA
	Project Associate-I (02 Positions)	M.Sc in Data Science / Computer Science / Artificial Intelligence (or) B.Tech in Data Science / Computer Science / Artificial Intelligence **Desirable:** AI/ML model development, Computational modelling, Web development, Data analytics	AI/ML-Integrated IoT Based Atmospheric Corrosion Monitoring System (A-I-ACM)	35 Years	₹ 25,000/- + HRA
	Project Associate-I (01 Position)	B.E/ B.Tech in Electrical/ Electronics Engineering **Desirable:** 1 to 2 years hands on work experience in the field of Artificial Intelligence, machine learning, and batteries. Experience with Python coding and Matlab	AI-assisted EIS-based EV Battery Health Prognosis	35 Years	₹ 25,000/- + HRA
	Project Associate-I (01 Position)	B.E/B.Tech in Electrical/ Electronics Engineering **Desirable:** Experience in batteries testing and embedded systems	AI-assisted EIS-based EV Battery Health Prognosis	35 Years	₹ 25,000/- + HRA
P04	Project Assistant-II (01 Position)	B.Sc. in Chemistry/ Physics **Desirable:** Working Experience in electrochemistry or solar panel recycling	Pilot-Scale Process for Component-Specific Recovery and Value Enhancement from Decommissioned Solar Panels	35 Years	₹ 20,000/- + HRA

Position Code	Name of the Position / No of Position(s)	Essential & Desirable Qualification	Title of the Project	Maximum age Limit (as on the date of interview)	Stipend (Per month in Rs.)
P04	Project Assistant-II (01 Position)	B.Sc. in Physics (or) 3 years Diploma in Mechanical Engineering **Desirable:** Nil	Development of Diamond Like Carbon (DLC) Coatings by RF-PECVD on Additive Manufactured Orthopedic Implants / Refurbished Cutting Tools for Wear Resistance	35 Years	₹ 20,000/- + HRA
	Project Assistant-II (01 Position)	B.Sc. in Computer Science **Desirable:** 1 year research or hands on experience coding in Python and R	AI-assisted EIS-based EV Battery Health Prognosis	35 Years	₹ 20,000/- + HRA
	Project Assistant-II (03 Positions)	3 years Diploma in Mechanical / Electrical Engineering **Desirable:** Nil	Battery to Battery Recovery of Metal Values from Spent Lithium-Ion Batteries and Fabrication of New Lithium Ion Batteries - A Circular Economy Approach	35 Years	₹ 20,000/- + HRA
	Project Assistant-II (01 Position)	3 Years Diploma in Electrical/ Electronics Engineering **Desirable:** Hands on experience in research institutions or industry working on embedded system	AI-assisted EIS-based EV Battery Health Prognosis	35 Years	₹ 20,000/- + HRA

Note: As per CSIR OM No. 5-1(342)/2017-PD dated 02.09.2024, engagement of Project Staff shall be co-terminus with the term of the Project subject to the condition that the total period of the engagement of a Project Staff in different projects either in the same Lab/Instt. Or different Lab/Instt. of CSIR taken together shall not exceed 6 years in any case. Hence, the applicants who have completed the total tenure of 6 years in any of the CSIR Lab/Instt. As Project Staff are NOT ELIGIBLE to apply for the aforesaid positions.

General Terms & Conditions:

1. **Date & Venue: CSIR – CECRI, Karaikudi.**

Position Code	Name of the Position	Essential Qualification	Date of Interview
P01	Senior Project Associate	Ph.D. in Biotechnology or M.Tech or M.S. in Biotechnology or equivalent with 2 years R&D Experience (or) B.Tech in Biotechnology or equivalent with 3 years R&D Experience	21st May 2026

Position Code	Name of the Position	Essential Qualification	Date of Interview
P01	Senior Project Associate	B.Tech/B.E in Chemical Engineering/ Chemical and Electrochemical Engineering/ Production Engineering /Mechanical Engineering with 3 years R&D experience (or) M.Tech /M.E in Chemical Engineering/ Chemical and Electrochemical Engineering/ Production Engineering/ Mechanical Engineering with 2 years R&D experience	21st May 2026
P04	Project Assistant -II	3 years Diploma in Mechanical Engineering	
		3 years Diploma in Electrical Engineering	
		3 years Diploma in Electronics Engineering	
		B.Sc. in Computer Science	
P03	Project Associate - I	M.Sc. in Data Science / Computer Science or Artificial Intelligence	
		B.Tech. in Data Science / Computer Science or Artificial Intelligence	
P02	Project Associate - I	B.Tech. in Material Science	
P03	Project Associate - I	M.Sc. in Microbiology or equivalent	
		B.E/B.Tech. in Electrical/ Electronics Engineering	
		B.E/B.Tech. in Chemical/ Chemical and Electrochemical /Mechanical Engineering	
P01	Senior Project Associate	M.Sc. in Chemistry with 3 years R&D Experience	22nd May 2026
		Ph.D. in Chemistry with 2 years R&D Experience	
P03	Project Associate - I	M.Sc. in Chemistry or Integrated Chemistry or Equivalent	
		M.Sc. in Physics/Material Science/ Nanotechnology	
P02	Project Associate - II	M.Sc. in Chemistry/ Physics/Material Science or equivalent with 2 years R&D Experience	
P03	Project Associate - I	M.Sc. in Nano Science or Equivalent	
P04	Project Assistant -II	B.Sc. in Chemistry	
		B.Sc. in Physics	

2. **Reporting Time: 08.30 A.M. at the venue.** No Candidate will be allowed to enter into the Venue after 10.00 A.M.
3. **How to apply:** Eligible candidates may submit online application only at https://www.cecri.res.in/ along with necessary attachments of the certificates in support of date of birth, caste, qualification/experience etc. on or before **18.05.2026 up to 5.00 p.m. No other mode of application will be accepted.** Incomplete applications or applications not accompanied by the required certificates / documents will be summarily rejected. The shortlisted candidates will be notified in our website and called for INTERVIEW in due course. Interim enquiries will not be attended to.
4. **Mode of Interview:** The interview will be conducted in Hybrid mode (offline and online). The link for the online interview along with the time slot will be sent to the eligible candidates through email.
5. The relaxation in the age limit for the candidates belonging to the category of SC/ST/OBC/PwBD/ Women and category if OBC shall be 05 years and 03 years respectively or as per Govt. of India instructions issued in this regard from time to time.
6. If all things are equal, SC/ST/OBC/EWS Candidates may be given preference over General Candidates to ensure due representation.
7. **Final Semester/Year students who are awaiting results are not eligible to be considered.**
8. The date of determining the qualification and age limit **shall be on the date of interview.**
9. In case a large number of candidates turn up, the candidates will be shortlisted for interview as per criteria fixed by the Selection Committee. The final decision to allow a candidate to appear for interview rests with the Director, CSIR – CECRI.
10. In case of Universities/Institutes awarding CGPA/SGPA/OGPA Grades etc., candidates are requested to convert the same into percentage based on the formula as per their University/Institute (copy of documented proof of the conversion factor may be attached).
11. Number of Positions required is indicative in nature; there may be an increase/decrease in the number based on requirement (s).
12. Candidates selected will be provided either accommodation in the Institute Campus (if available) or shall be paid HRA (as applicable).
13. Tenure mentioned above in any case will be co-terminus with the project or till such time this requirement exists whichever is earlier.
14. The engagement of Project Personnel is purely on temporary basis, initially for a period of six months which may be extended or curtailed depending on the tenure of the Project/satisfactory performance or conduct of the appointee as the case may be and does not confer any right/claim implicit or explicit on any candidate for claiming extension or absorption in CSIR-CECRI.
15. If it is found at any stage of the process or thereafter that the candidate does not fulfill the eligibility criteria their candidature shall be cancelled without assigning any reason whatsoever.
16. Filling up of the positions is solely at the discretion of the Director, CSIR-CECRI, Karaikudi based on suitability of candidates and no claim will arise for engagement, if some of these positions are not filled due to unsuitability / insufficient number of candidates. The decision of the Director, CSIR- CECRI, Karaikudi will be final and binding on all candidates and on all matters relating to eligibility, acceptance or rejection of the applications mode of selection, cancellation of the selection process either in part or full, etc.
17. Any queries regarding Project Personnel engagement, Please contact office numbers – **04565 – 241219/218** during office hours (09:00 A.M. to 05:30 P.M.) or mails may be addressed to (cecrirecruit@gmail.com). No calls/mails will be entertained other than the above-mentioned office telephone numbers/email id.
18. Candidates are advised to check the official CECRI website https://www.cecri.res.in/ regularly for addendum/corrigendum and updated information regarding this. Therefore, candidates are advised to keep visiting regularly the website of CSIR-CECRI

----------Sd/----------
Section Officer(R&C)