



No. 07-09(11)/2024 - R&C

Dated: 25.07.2024

NOTIFICATION No. PS - 07/2024

**ENGAGEMENT OF PROJECT PERSONNEL ON TEMPORARY BASIS TO WORK IN
CSIR - CECRI, KARAIKUDI**

WALK-IN-INTERVIEW

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 Science & Technology.

CSIR-CECRI desires to engage talented candidates as **Senior Project Associate, Project Associate - II, Project Associate - I and Project Assistant** 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 Qualification & Experience	Upper Age limit	Project Tenure, Title & Number	Monthly Emoluments
P01	Senior Project Associate (01 Position)	Ph.D in Chemistry Desirable: Experience in the field of lithium-ion batteries or other electrochemical energy storage systems	40 Years	Upto 31.03.2025 Recovery of Lithium from Potential Indian Primary Resources for Battery Applications HCP-56	₹. 42,000/-pm + HRA
P02	Project Associate - II (01 Position)	M.Sc in Physics/Chemistry/Material Science/ Nanoscience and Nanotechnology with two years of experience Desirable: Experience in Lithium ion Battery materials characterization and coin cell making	35 Years	Upto 31.01.2025 Evaluation of Si nanocomposite as an anode materials and fabrication of 150 nos of Prototype 18650 NMC/Si-Graphite cells. TSP-05/2024	₹.28,000/- p.m + HRA

Position Code	Name of the Position & No. of Position (s)	Essential Qualification & Experience	Upper Age limit	Project Tenure, Title & Number	Monthly Emoluments
P03	Project Associate - I (02 Positions)	M.Sc in Chemistry/ Physics Desirable: Working experience in materials synthesis and photocatalytic water splitting	35 Years	Upto 31.03.2026 Development of highly efficient visible light driven photo catalysts: A thin film approach for solar hydrogen production. FBR060301 (02 Positions)	(i) ₹.31,000/-pm + HRA to Scholars who are selected through (a) National Eligibility Tests - CSIR-UGC NET including lectureship (Assistant Professorship) or GATE or (b) A selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions. (ii) ₹.25,000/-pm + HRA for others who do not fall under (i) above.
	Project Associate - I (05 Positions)	M.Sc in Chemistry/ Physics/Material Science/ Nanoscience and Nanotechnology Desirable: Material Chemistry, Synthesis, characterization	35 Years	Upto 31.03.2027 Battery to Battery: Recovery of Metal values from Spent Lithium-Ion Batteries and Fabrication of New Lithium Ion Batteries - A circular Economy Approach MMP085201 (05 Positions)	
	Project Associate - I (01 Position)	B.E./B.Tech in Chemical / Chemical & Electrochemical Engineering Desirable: One or two years hands on work experience in the field of Artificial Intelligence, machine learning and batteries.	35 Years	Upto 31.03.2026 State of Health Forecasting of Battery using AI methods FBR060303	
	Project Associate - I (01 Position)	B.E./B.Tech in Chemical Engineering Desirable: NIL	35 Years	Upto 31.03.2026 Improvement of biomethanation and enrichment of biogas (Bio-CNG) in Himalayan regions HCP-54M2	

Position Code	Name of the Position & No. of Position (s)	Essential Qualification & Experience	Upper Age limit	Project Tenure, Title & Number	Monthly Emoluments
P03	Project Associate - I (01 Position)	M.Sc in Chemistry/Material Science Desirable: Prior experience in the field of catalyst synthesis and electrocatalytic water splitting	35 Years	Upto 11.07.2025 Development of an Electrocatalyst for Anion Exchange Membrane Water Electrolyzers for Large-Scale Hydrogen Production SSP-11/2024 (01 Position)	₹.25,000/-pm + HRA
	Project Associate - I (01 Position)	M.Sc in Chemistry Desirable: Experience in the field of lithium-ion batteries or other electrochemical energy storage systems		Upto 31.03.2025 Cobalt-Free and Low-Cobalt, High-Capacity Cathodes for Lithium-Ion Batteries MLP-0406 (01 Position)	
	Project Associate - I (05 Positions)	B.E./B.Tech in Chemical/ Chemical & Electrochemical/ Metallurgical Engineering Desirable: Experience in Process design	35 Years	Upto 31.03.2027 Battery to Battery: Recovery of Metal values from Spent Lithium-Ion Batteries and Fabrication of New Lithium Ion Batteries - A circular Economy Approach MMP085201	
P04	Project Assistant (01 Position)	B. Sc in Chemistry/Physics Desirable: Working knowledge in Nano materials Synthesis and Characterization, Solar cells Device fabrication and testing.	50 Years	31.03.2025 Indigenous Development of Processes and Materials for Highly Efficient and Stable Perovskite Solar Cell Technology MLP-0407	₹.20,000/-pm + HRA
	Project Assistant (01 Position)	B. Sc in Chemistry Desirable: Experience in metallurgical research(leaching, precipitation etc)		31.03.2027 Battery to Battery: Recovery of Metal values from Spent Lithium-Ion Batteries and Fabrication of New Lithium Ion Batteries - A circular Economy Approach MMP085201	
	Project Assistant (01 Position)	Bachelor of Computer Application Desirable: NIL		31.03.2026 State of Health Forecasting of Battery using AI methods FBR060303	
	Project Assistant (01 Position)	B.Sc in Data Science/ Data Science & Analytics/ Data Science & Artificial Intelligence / Computer Science Desirable: One year research or hands on experience coding in Python and R.			

General Terms & Conditions:

1. **Date & Time of Walk-in-interview:** Walk-in-Interview will be held at 9.30 a.m. from 05th - 06th of August, 2024 at CSIR - CECRI, Karaikudi as scheduled below. **No Candidate will be allowed to enter into the Venue after 09:30 a.m.**

Position code	Name of the Position	Date of Walk-in Interview	Essential Qualification
P01	Senior Project Associate	05 th August 2024 (Monday)	Ph.D in Chemistry
P02	Project Associate - II		M.Sc in Physics/Chemistry/Material Science/ Nanoscience and Nanotechnology with two years of experience
P03	Project Associate - I		M.Sc in Chemistry/ Physics/ Material Science/ Nanoscience and Nanotechnology
P04	Project Assistant		B.Sc in Chemistry / Physics
P03	Project Associate - I	06 th August 2024 (Tuesday)	B.E/B.Tech in Chemical/Chemical & Electrochemical Engineering/Metallurgical
P04	Project Assistant		B.Sc in Data Science/ Data Science & Analytics/ Data Science & Artificial Intelligence / Computer Science. Bachelor of Computer Applications

2. Application form is available in CECRI Website <https://www.cecri.res.in/Opportunities.aspx>. Eligible Candidates may appear for Walk-in-interview with all original and one set of Photocopies of certificates of educational qualification, age, caste (in case of SC/ST/OBC/EWS Candidates), experience (if any), one recent passport size photo and duly filled-in application.
3. Age relaxation will be given to SC/ST/OBC/PwD Candidates as per Government of India instructions.
4. If all things are equal, SC/ST/OBC/EWS Candidates may be given preference over General Candidates to ensure due representation.
5. **Final Semester/Year students who are awaiting results are not eligible to be considered.**
6. The date of determining the qualification and age limit **shall be on the date of interview.**
7. The Selection would be based upon the performance in the interview, the selection/screening committee will have discretion to shortlist the candidates for the interview based on the criteria deemed fit. 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.
8. 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).
9. Number of Positions required is indicative in nature; there may be an increase/decrease in the number based on requirement (s).
10. **If the number of candidates is more, the candidates will be short-listed for through a written test.**
11. Candidates selected will be provided either accommodation in the Institute Campus (if available) or shall be paid HRA (as applicable).
12. Tenure mentioned above in a case will be co-terminus with the project or till such time this requirement exists whichever is earlier.

13. 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 5 years in any case.**
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. 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. No correspondence/ Interim queries will be entertained in this regard. 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.

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 recruit@cecri.res.in No calls/mails will be entertained other than the above mentioned office telephone numbers/email id.

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Administrative Officer