



सीएसआईआर-केंद्रीय विद्युतरसायन अनुसंधान संस्थान / CSIR-CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE
(वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद/Council of Scientific & Industrial Research)/कारैकुडी/KARAIKUDI – 630 003
अधिसूचना सं./NOTIFICATION No. PS-10/2022

No. 07-09(12)/2005-R&C

Dated: 30.09.2022

Walk-in-Interview will be held at 9.30 a.m. from 18th – 21st October, 2022 at **CSIR - CECRI, Karaikudi** for selection of suitable candidates for the temporary positions to be engaged in different projects.

Position Code	Position	अनिवार्य योग्यता / Essential Qualification with 55% of Marks (50% marks for SC/ST)	वॉक-इन-इंटरव्यू की तिथि और समय /Date & Time of Interview	कार्यक्रम का स्थान/ Venue
P01 & P02	PA-I & PA-II	M.Sc. in Chemistry / M.Sc. in Chemistry with 2 years experience	18.10.2022 from 9.30 am onwards (Reporting time at 9.00 am)	CSIR - CECRI, COLLEGE ROAD, KARAIKUDI.
P01	PA-I	M.Sc. in Physics / B.Tech. Biotechnology	18.10.2022 from 2.00 pm onwards (Reporting time at 1.30 pm)	
P03 & P04	PA-I	B.E/B.Tech. in EEE/ECE / Chemical Engineering/Chemical & Electrochemical Engineering	19.10.2022 from 9.30 am onwards (Reporting time at 9.00 am)	
P06	PA	B.Sc. in Chemistry	20.10.2022 from 9.30 am onwards (Reporting time at 9.00 am)	
P07	PA*	B.Sc. in Electronics / Diploma in EEE / ECE/ Mechanical Engg.		
P05	PA-I	B.E./B.Tech. in Civil Engineering	21.10.2022 from 9.30 am onwards (Reporting time at 9.00 am)	
P08	Project Co-ordinator-I	Ph.D. in Metallurgical Engineering / Metallurgical and Materials Science Engineering	18.10.2022 from 3.00 pm onwards (Reporting time at 2.00 pm)	

*Place of posting of the above position will be at CECRI Chennai Unit, CSIR-CMC, Taramani, Chennai.

Position Code	पद पदों की संख्या Position, No. of Post (s)	छात्रवृत्ति /Stipend	अनिवार्य योग्यता/Essential Qualification	आयु सीमा Upper Age limit	अनुभव/ Experience (Desirable)	परियोजना शीर्षक /Tenure, Project Title & Project Number
P01	Project Associate – I (02 Positions)	₹.25,000/-pm + HRA (as applicable)	M.Sc. in Chemistry with 55% marks (50% marks for SC/ST)	35 Years	Experience in the field of organic chemistry and electrochemistry will be preferred.	Upto 31.03.2023 Organic Radical Energy Storage Devices (MLP-0320)

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P01	Project Associate – I (01 Position)	₹.25,000/-pm + HRA (as applicable)	M.Sc. in Chemistry / Physics with 55% marks (50% marks for SC/ST)	35 Years	Experience in computational chemistry is desired	Upto 31.03.2023 Tailored 2D Supramolecular Self-assembled Architectures for investigating on-surface catalysis (MLP-0315)
P01	Project Associate – I (02 Positions)	(i) ₹.31,000/-pm + HRA (as applicable) 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 (as applicable) for others who do not fall under (i) above.	M.Sc. in Chemistry / Physics with 55% marks (50% marks for SC/ST)	35 Years	Research experience in the field of electrochemistry, specifically lithium ion battery testing & material characterization.	Upto 31.03.2023 Extreme fast charging of Lithium Ion Battery for E-Mobility Application (MLP-0324)
P01	Project Associate – I (02 Position)	₹.25,000/-pm + HRA (as applicable)	M.Sc. in Chemistry with 55% marks (50% marks for SC/ST)	35 Years	Experience in electrodeposition, electrowinning	Upto 21.02.2024 Upscale Electrowinning Process of γ – MnO ₂ (SSP 13/22)
P01	Project Associate – I (01 Position)	₹.25,000/-pm + HRA (as applicable)	M.Sc. in Chemistry / Physics or B.Tech. in Biotechnology with 55% marks (50% marks for SC/ST)	35 Years	Minimum one year experience in thin film fabrication and characterization	Upto 31.03.2026 Jigyasa 2.0 with Virtual Lab Integration (HCP-0101)
P01	Project Associate – I (02 Positions)	(i) ₹.31,000/-pm + HRA (as applicable) 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 (as applicable) for others who do not fall under (i) above.	M.Sc. in Chemistry with 55% marks (50% marks for SC/ST)	35 Years	Experience in electrocatalysis	Upto 31.03.2024 Development of electrodes and electrolytes for water electrolysis to generate Hydrogen (MLP-0321)

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P02	Project Associate –II (01 Position)	₹.28,000/-pm + HRA (as applicable)	M.Sc. in Chemistry with 55% marks (50% marks for SC/ST) AND 2 years' experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organisations and Scientific activities and services	35 Years	Experience on one or more of the following skill (s) are desirable viz., synthesis and characterization of redox-active material and process them as sensor substrate; Handling of electrochemical workstation; handling of bioreceptor molecules for immobilization on sensor surface.	Upto June 2024 Design of Genosensor System compatible Biopolymer material ready for infectious diagnostic kit Development.
P03	Project Associate –I (01 Position)	(i) ₹.31,000/-pm + HRA (as applicable) 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 (as applicable) for others who do not fall under (i) above.	B.E / B.Tech. in EEE / ECE with 55% marks (50% marks for SC/ST)	35 Years	2 years of research or industrial experience in the field of automotive sector, Artificial Intelligence, machine learning.	Upto 31.03.2025 E-Mobility battery system optimization and adaptive charging profile development using AI tools (HCP- 0042)
P04	Project Associate –I (01 Position)	(i) ₹.31,000/-pm + HRA (as applicable) 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 (as applicable) for others who do not fall under (i) above.	B.E/B.Tech. in Chemical Engineering / Chemical & Electrochemical Engineering with 55% marks (50% marks for SC/ST)	35 Years	i) Research experience in the field of electrochemistry, specifically lithium ion battery testing & material characterization. ii) Working experience with software packages like Comsol, Matlab & Simulink	Upto 31.03.2023 Extreme fast charging of Lithium ion battery for E-Mobility application. (MLP-0324)

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P05	Project Associate -I (01 Position)	(i) ₹.31,000/-pm + HRA (as applicable) 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 (as applicable) for others who do not fall under (i) above.	B.E/B.Tech. in Civil Engineering with 55% marks (50% marks for SC/ST)	35 Years	Candidates having minimum one year experience in R&D in academic institutions/ industries are preferred.	Upto 12.09.2024 Development of eco-efficient synthetic lightweight aggregates (EESLAs) using coal refuse mixed with industrial byproducts (MLP-0401)
P06	Project Assistant (02 Positions)	₹.20,000/-pm + HRA (as applicable)	B.Sc. in Chemistry with 55% marks (50% marks for SC/ST)	50 Years	Lithium ion battery R&D and refurbishing	Upto September 2024 Refurbishing of Lithium ion cathode material
P07	Project Assistant* (01 Position) <i>*Place of posting will be at CECRI Unit, Chennai.</i>	₹.20,000/-pm + HRA (as applicable)	B.Sc. in Electronics / Diploma in EEE / ECE/ Mechanical with 55% marks (50% marks for SC/ST)	50 Years	One year experience in PCB design, soldering, Arduino programming & knowledge in design tools like solid works, Autocad, etc.,	Upto 31.03.2026 "CSIR-Jigyasa 2 Virtual Laboratory Integration Project" (HCP-0101)
P07	Project Assistant, (01 Position)	₹.20,000/-pm + HRA (as applicable)	Diploma in Mechanical Engineering with 55% marks (50% marks for SC/ST)	50 Years	Lithium ion battery recycling / refurbishing	Upto September 2024, Refurbishing of Lithium ion Cathode material

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P08	Project Co-ordinator - I, (01 Position)	₹.60,000/-pm (Consolidated)	Ph.D. in Metallurgical Engineering / Metallurgical and Materials Science Engineering	<ul style="list-style-type: none"> • Candidate should have proven track-record in R&D experience in electrometallurgy processes for the extraction of non-ferrous metals • Candidate should have relevant experience in handling industrial projects and demonstrated capability in design of experiments and process development at semi-pilot/pilot scale • Capable of handling assigned research tasks independently and coordinate with the team • Field relevant publications/ patents 	Upto 21.02.2024 Upscale Electrowinning process of γ -MnO ₂ (SSP-13/22)

General Instructions:

1. Date & Time of Walk-in-Interview: 18th – 21st October 2022.
2. Wearing facemask and carrying hand-sanitizer is mandatory. No candidate will be allowed entry inside the venue without facemask and hand-sanitizer.
3. 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.
4. If you are non-vaccinated, you need to produce a Covid-19 RTPCR negative certificate obtained 72 hrs prior to walk-in from any Govt./Govt. approved hospital or Vaccinated candidates may produce vaccination certificate.
5. 2020-21 passed out candidates to submit a letter from Principal/Registrar, in case of non-receipt of Diploma/Degree Certificate.
6. Age relaxation will be given to SC/ST/PWD/Women candidates up to 5 years and 3 years for OBC for all the above positions as per GOI instructions.
7. Reservation: If all things are equal, SC/ST/OBC/EWS candidates may be given preference over general candidates to ensure due representation.

8. **Final Semester/year students who are awaiting results are not eligible to be considered.**
9. The date of determining the qualification and age limit shall be **on the date of interview.**
10. 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.
11. **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 (copy of documented proof of the conversion factor may be attached).**
12. Number of positions required is indicative in nature, there may be an increase/decrease in the number based on requirement(s).
13. **If the number of candidates are more, the candidates will be short-listed for interview through a written test.**
14. Candidate selected will be provided either accommodation in the Institute campus (if available) or shall be paid HRA as applicable.
15. Tenure mentioned above in a case will be co-terminus with the project or till such time this requirement exists whichever is earlier.
16. The engagement 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.
17. If it is found at any stage of the process or thereafter that the candidate does not fulfil the eligibility criteria, their candidature shall be cancelled without assigning any reason whatsoever.
18. **THE DECISION OF THE DIRECTOR, CSIR-CECRI REGARDING SELECTION WILL BE FINAL AND BINDING.**

Any queries regarding Project engagement, please contact office number(s) 04565 - 241219 / 218 during office hours (09.00 a.m. to 5.30 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 number(s)/email id.

Sd/-
प्रशासन नियंत्रक/Controller of Administration