



सीएसआईआर-केंद्रीयविद्युतरसायनअनुसंधानसंस्थान
CSIR-CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE
 (वैज्ञानिकतथाऔद्योगिकअनुसंधानपरिषद/Council of Scientific & Industrial Research)

कारैकुडी/KARAIKUDI – 630 003

ONLINE INTERVIEW

अधिसूचना सं./NOTIFICATION No.PS-03/2020

Online interview will be held on various different dates through Google Meets mentioned below for selection of suitable candidates for the temporary positions to be engaged in various projects at CSIR-CECRI, Karaikudi.

Post Code	पद व वृत्ति Position & Stipend	अनिवार्य योग्यता Essential Qualification	आयु सीमा Upper Age limit (as on the closing date of online application)	परियोजना शीर्षक Project Title	Date of Interview
P01	Senior Research Fellow (P) ₹.35,000+ HRA (01 Position)	M.Sc. in Physics / Chemistry with 55% marks and one publication in Journal and should have completed two years of research experience. (Desirable: Material Synthesis for Lithium ion battery)	32 years	Advanced Cathode Materials for Lithium ion Batteries towards Commercialization - Emeritus Scheme - CSIR	14 th August 2020
P02	Senior Research Fellow (P) ₹.31,000+ HRA (01 Position)	Master Degree in any relevant Science Subject with 4 years/5 years of Bachelor's Degree. Candidate having post-graduate degree in Basic Sciences with 3 years Bachelor's degree and 2 years Master's Degree should have NET qualifications and 2 years of research experience. (Desirable: Preference will be given to those candidates having M.Sc. in Agriculture)	32 Years	Development of Electrochemical Sensor Tools for Soil Health Analysis - GAP-46/19	13 th & 14 th August, 2020
P03	Junior Research Fellow (P) ₹.31,000+ HRA (01 Position)	M.Sc. in Physics / Chemistry / Biotechnology/ Materials Science with 55% marks (50% marks for SC/ST) with NET/GATE or M.Tech. in Nanotechnology / Materials Science with 55% marks (50% marks for SC/ST) with NET/GATE	28 Years	Combinatorial development of multicomponent alloys by sputtering onto 3D printed customized bone implants - GAP-01/20	
P04	Junior Research Fellow (P) ₹.31,000+ HRA (01 Position)	M.Sc. in Physics / Chemistry / with 55% marks (50% marks for SC/ST) with NET/GATE or M.Tech. in Nanotechnology / Materials Science with 55% marks (50% marks for SC/ST) with NET/GATE	28 Years	Development of bioactive yet antibacterial coatings with enhanced osseointegration and ability to fight infection- CLP-47/19	

P05	Junior Research Fellow (P) ₹.31,000+ HRA (01 Position)	M.Sc.in Biotechnology or Genomic Science with 55% marks (50% marks for SC/ST) with NET/GATE	28 Years	Nano patterned bioactive functionally graded porous Ti spinal fusion device with antibacterial activity and cell compatibility fabricated by 3D metal printer - GAP-03/19	13 th & 14 th August 2020
P06	Junior Research Fellow (P) ₹.31,000+ HRA (01 Position)	B.Tech. in Chemical Engineering / M.Sc. in Chemistry / Physics / Polymer Science with 55% marks (50% marks for SC/ST) with NET/GATE	28 Years	Tailoring of 3D printable hybrid polymer electrolyte with enhanced thermal stability for high performance lithium ion batteries - GAP-44/2019	
P07	Project Associate - I ₹.31,000+ HRA (03 Positions)	(I) M.Sc. in Chemistry / Polymer Chemistry with 55% marks (50% marks for SC/ST) (Desirable: One-year research experience in organic synthesis or polymer synthesis) (II) M.Sc. in Physics with 55% marks (50% marks for SC/ST) (Desirable: One year research experience in polymeric nanomaterials characterizatton) (III) M.Sc. in Biotechnolgoy with 55% marks (50% marks for SC/ST)	35 Years	Functional bio-degradable polymers with antibacterial properties for tissue engineering application - MLP-0311	17 th to 19 th August 2020
P08	Project Associate - I ₹.31,000+ HRA (02 Positions)	M.Sc. in Chemistry with 55% marks (50% marks for SC/ST) (Desirable: Experience in Organic Synthesis Bioinformatics, Molecular modelling)	35 Years	Computationally aided synthesis of artificial receptors: Biomimetic molecularly imprinted polymers (MIPs) - MLP-0313	

P09	Project Associate - I ₹.31,000+ HRA (02 Positions)	<p>(I) M.Sc. in Chemistry with 55% marks (50% marks for SC/ST) (Desirable: Experience in electrochemistry, metal recovery and materials characterization. GATE/NET candidates may be preferred.)</p> <p>(II) B.E/B.Tech in Chemical / Metallurgical Engineering with 55% marks (50% marks for SC/ST) (Desirable: Experience in electrochemistry, metal recovery and materials characterization. GATE/NET candidates may be preferred.)</p>	35 Years	Reclamation of spent platinum group metals utilizing hazardous exhaust from plating baths - MLP-0312	17th to 19th August 2020
P10	Project Associate - I ₹.31,000+ HRA (02 Positions)	M.Sc. in Chemistry with 55% Marks (50% marks for SC/ST) (Desirable: Experience in CO ₂ Electrochemistry or Electro catalysis)	35 Years	Sustainable electrochemical conversion of CO₂ to Methanol using Highly Selective Catalytic Electrode/GDE (FBR) - MLP-0316	
P11	Project Associate - I ₹.31,000+ HRA (01 Position)	M.Sc. in Physics / Chemistry with 55% Marks (50% marks for SC/ST) (Desirable: Experience in Organic synthesis, Analytical chemistry)	35 Years	Homocysteine Specific Novel Sensor for Diagnostic Use - MLP-0308	
P12	Project Associate - I ₹.31,000+ HRA (01 Position)	B.E in Biomedical Engineering with minimum 55% Marks (50% marks for SC/ST)	35 Years	Surface modification of Ti alloy implants with bioactive, antibacterial and anticorrosive properties - HCP-26	

P13	Project Associate - I ₹.31,000+ HRA (02 Positions)	(I) M.Sc. in Chemistry / Physics with minimum 55% Marks (50% marks for SC/ST) (Desirable: Experience with STM/AFM. CSIR-UGC-NET/GATE qualified candidates may be preferable)	35 Years	Tailored 2D supramolecular self-assembled architectures for investigating on-surface catalysis (FBR) - MLP-0315	17 th to 19 th August 2020
		(II) M.Sc. in Chemistry / Physics with minimum 55% Marks (50% marks for SC/ST) (Desirable: Molecular modeling, CSIR-UGC-NET/GATE qualified candidates may be preferable)	35 Years		
P14	Project Associate - I ₹.31,000+ HRA (01 Position)	M.Sc. in Chemistry / Microbiology / Biochemistry with minimum 55% marks (50% marks for SC/ST)	35 Years	Microbial Electrosynthesis of Succinic Acid: A Case Study towards sustainable chemical processes - BRNS sponsored project.	
P15	Project Associate - I ₹.31,000+ HRA (02 Positions)	M.Sc. in Chemistry / B.E or B.Tech. in Chemical Engineering / Electronics and Communication Engineering with 55% marks (50% marks for SC/ST) (Desirable: Experience in Electrochemistry / Electroplating)	35 Years	Development of eco-friendly trivalent chromium plating process - MLP-0303	

P16	Project Associate - I ₹.31,000+ HRA (03 Positions)	(I) M.Sc. in Chemistry with 55% marks (50% marks for SC/ST) (Desirable: Experience in Materials Synthesis and Polymer Synthesis)	35 Years	Aerogel based thermal protection systems for nozzle surface in space and aerospace applications - MLP-0302	17 th to 19 th August 2020
	Project Associate - I ₹.31,000+ HRA (02 Positions)	(II) B.E/B.Tech in Mechanical / Materials Science and Engineering / Metallurgy / Electronics and Communication Engineering with 55% marks (50% marks for SC/ST) (Desirable: Experience in thermal barrier coatings.)			
P17	Project Assistant ₹.20,000+ HRA (01 Position)	B.Sc. in Physics/Electronics with 55% marks (50% marks for SC/ST) (Desirable: Candidate having one-year research experience is preferable.)	50 Years		
P18	Project Assistant ₹.20,000+ HRA (01 Position)	B.Sc. in Chemistry with 55% marks (50% marks for SC/ST) (Desirable: Candidate having one-year research experience is preferable.)	50 Years	Feasibility studies on Electro winning of Magnesium metal from spent Magnesium chloride Liquor by molten salt electrolysis - SSP-05/2020	

Candidates fulfilling the above mentioned qualification, age etc., may APPLY ONLINE through website <https://cecri.res.in/> which will be available from 04.08.2020 to 11.08.2020 (till 24:00 hours). All categories of applicants are required to submit online application along with all necessary required documents.

Eligible candidates applying through online application on or before 11.08.2020 will be called for interview through **Google Meets** scheduled on various different dates as mentioned against each positions. (Interview may continue on next working day depending upon number of candidates)

General Instructions:

1. Age relaxation will be given to SC/ST/PH/Women candidates up to 5 years and 3 years for OBC for all the above positions as per GOI instructions.
2. Reservation: If all things are equal, SC/ST/OBC/EWS candidates may be given preference over general candidates to ensure due representation.

3. **If the candidate does not have a valid gmail id, he/she should create a gmail id before applying online. Details regarding Interview through Google Meet will be sent to the gmail id only.**
4. Incomplete applications (ie. Without photograph and applicable certificates etc.) will not be entertained and will be summarily rejected.
5. CSIR-CECRI shall not be responsible if a candidate could not be interviewed online due to connectivity issues/ network error / low bandwidth at his/her end.
6. Number of positions required is indicative in nature, there may be increase/decrease in the number based on requirement.
7. The date of determining the qualification and age limit shall be **11.08.2020**.
8. Final Semester/year students who are awaiting results are not eligible to be considered.
9. Selected candidate will be provided either accommodation in the Institute campus or HRA.
10. The eligible/shortlisted candidates have to be available online on the date of online interview between 09.00 AM to 5.00 PM. They may be called at anytime during the allotted time period. (if any change is there, they will be intimated accordingly).
11. Eligible/shortlisted candidates shall attend the Online Interview through Google Meet.
12. If large number of candidates apply, the Selection Committee shall adopt its own criteria and shortlist the candidates for online interview in proportionate to the available vacancies.
13. The original documents including educational qualification, birth/SSLC certificate, community and experience certificate, etc., in respect of selected candidate will be verified at the time of joining. Your joining in the project is subject to verification of certificates.
14. 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.
15. If any selected candidate provides any false information, his/her candidature is liable to be rejected.
16. INTERIM QUERIES WILL NOT BE ENTERTAINED. NO TA/DA WILL BE PAID FOR APPEARING FOR THE INTERVIEW. THE DECISION OF THE DIRECTOR, CSIR-CECRI REGARDING SELECTION WILL BE FINAL AND BINDING.

Conditions for candidates coming from containment zone/ hotspot/other district/State

17. Selected candidates from containment zone/hotspot/other Districts/State shall be quarantined for 14 days at Karaikudi before joining at CSIR-CECRI. Accommodation facilities will be provided on demand basis to candidates.
18. E-Pass, wherever required to be arranged by the candidates themselves. A letter from CSIR-CECRI in this regard, if required, shall be provided on demand.
19. On completion of 14 days quarantine period, candidate(s) may obtain medical certificate from Medical Officer, CSIR-CECRI Health Centre. Your joining in the project will be subject to production of medical fitness certificate provided by Medical Officer, CSIR-CECRI.
20. The selected candidates are advised to ensure that the Aarogya Setu App is installed in their mobile phones while entering CSIR-CECRI campus.

Administrative Officer