



CSIR-ADVANCED MATERIALS AND PROCESSES RESEARCH INSTITUTE

(Council of Scientific and Industrial Research)

Hoshangabad Road, Habibganj Naka, Bhopal-462026 (M.P.)



ADVERTISEMENT NO. PROJ-5/2023

Engagement of Project Staff

Last date to submit application through online : 28 November, 2023

Applications are invited from the eligible Indian Nationals for temporary position on contractual basis as indicated hereunder. Candidates who fulfill the criteria should apply online at www.ampri.res.in. For any technical problem while submitting the online application, may contact recruit-ampri@ampri.res.in

1.	Name of Post	Project Associate – I
	Total No. of positions	01 (one)
	Project No. & Title	MLP-303 - Engineered Shape Memory Polymer-based Portable Heat/Fire Alarm Devices.
	Duration of the Project	Up to 31.07.2024
	Essential Qualification	M.Sc. in Chemistry/Physics /Material Science or B.Tech/B.E. in Mechanical Engineering from a recognized University or equivalent.
	Desirable/Job description	Experience on materials synthesis, sensors development, etc. along with good communication skill. Candidate would be asked to travel regularly to meet company executives for discussion of CSIR-AMPRI's technologies.
	Upper Age limit (years)	35 years
	Monthly Emoluments	(i) 31,000/-+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/-+HRA for others who do not fall under (i) above.

2.	Name of Post	Project Associate-I
	Total No. of positions	01 (one)
	Project No. & Title	DST-AMT - Novel sub-1.7 nm Thick Overcoats for Beating Friction, Wear and Corrosion of Hard Disk Media: Boosting Storage Capacity of Hard Disk Drives via Reducing the Thickness of Commercial Protective Overcoats from 2.5-3.0 nm to sub-1.7nm
	Duration of the Project	Initially one year
	Essential Qualification	M.Sc. in Chemistry/Physics/Materials Science or B.Tech/BE in Mechanical Engineering.

Desirable/Job description	<ul style="list-style-type: none"> • Candidate should have experience on thin films research, synthesis of material, tribology, corrosion, etc. • Candidate should have good communication skill. • Candidate should be skilled in research paper and patent writing. • Candidate should have few research papers in high quality journals to demonstrate his/her skill towards high-end R&D. • Candidate should have experience to work in team. • Candidate should be able to present developed this film technology products to companies of business development.
Upper Age limit (years)	35 years
Monthly Emoluments	(i) 31,000/-+HRA to Scholars who are selected through (b) 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/-+HRA for others who do not fall under (i) above.

3.	Name of Post	Scientific Administrative Assistant
	Total No. of positions	01 (one)
	Project No. & Title	HCP – 54 - E-waste from spent nickel metal hydride battery: promising materials for hydrogen generation and water treatment application.
	Duration of the Project	Initially one year
	Essential Qualification	Graduate degree in any discipline.
	Desirable/Job description	Preference will be given to the candidate with experience in electrical handling, basics of computer typing.
	Upper Age limit (years)	50 years
	Monthly Emoluments	18,000/- + HRA

4.	Name of Post	Project Associate-I
	Total No. of positions	01 (one)
	Project No. & Title	HCP – 054 - E-waste from spent nickel metal hydride battery: promising materials for hydrogen generation and water treatment application.
	Duration of the Project	Initially one year
	Essential Qualification	M.Sc. in Chemistry from a recognized University or equivalent.
	Desirable/Job description	Preference will be given to the candidate with experience in chemical synthesis, electrochemistry, water treatment studies, water analysis.
	Upper Age limit (years)	35 years
	Monthly Emoluments	(i) 31,000/-+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/-+HRA for others who do not fall under (i) above.

5.	Name of Post	Senior Project Associate
	Total No. of positions	01 (one)
	Project No. & Title	HCP-44 - Catalyst Development for Electrolysers
	Duration of the Project	Up to 30.09.2024
	Essential Qualification	Masters degree in Chemistry/Physics with four years experience in R&D or Doctoral degree in Chemistry/Physics.
	Desirable/Job description	Preference will be given to the candidate with experience in electrochemistry, material characterization, nano material synthesis with good writing skills.
	Upper Age limit (years)	40 years
	Monthly Emoluments	Rs. 42,000/- pm +HRA

6.	Name of Post	Project Associate-I
	Total No. of positions	01 (One)
	Project No. & Title	SSP-068 - Development of Aluminium hybrid composite foams core sandwich structures for Boot Antimine applications.
	Duration of the Project	Initially one year
	Essential Qualification	B.E./B.Tech in Mechanical/Metallurgy/Material Science from a recognized University or equivalent.
	Desirable/Job description	Experience in Metallurgical operations/Metallic foam.
	Upper Age limit (years)	35 years
	Monthly Emoluments	Rs.25,000/-+HRA

7.	Name of Post	Project Associate-I
	Total No. of positions	01 (one)
	Project No. & Title	GAP – 130 - Development of aerospace components through electromagnetic welding.
	Duration of the Project	Initially one year
	Essential Qualification	Bachelor's degree in Mechanical Engineering from a recognized University or equivalent.
	Desirable/Job description	Experience in R&D in Industrial and Academic Institutions or Science and Technology Organizations and relevant Scientific activities and services.
	Upper Age limit (years)	35 years
	Monthly Emoluments	(i) 31,000/-+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/-+HRA for others who do not fall under (i) above.

8.	Name of Post	JRF
	Total No. of positions	01 (one)
	Project No. & Title	GAP – 131 - Monitoring and analysis of atmospheric boundary layer height over Bhopal region using SODAR(Sound Detection and Ranging) System
	Duration of the Project	Initially one year
	Essential Qualification	M.Sc. in Physics
	Desirable/Job description	Knowledge of SODAR
	Upper Age limit (years)	28 years
	Monthly Emoluments	Rs.20,000/- pm fixed

9.	Name of Post	Project Associate-I
	Total No. of positions	01 (one)
	Project No. & Title	HCP- 031 - Real-Time portable electrochemical sensor array for simultaneous detection of antibiotics and pesticides
	Duration of the Project	Upto 31 st March, 2024
	Essential Qualification	B.Tech in Chemical Engineering/Material Engineering/M.Sc. in Chemical Science.
	Desirable/Job description	Expertise on electrochemistry/carbon based (CNF/CNT/graphene)/Electrochemical Sensor/Water/Wastewater
	Upper Age limit (years)	35 years
	Monthly Emoluments	(i) 31,000/-+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/-+HRA for others who do not fall under (i) above.

INSTRUCTIONS

1. The applicant must be a Citizen of India.
2. Only those candidates who have already acquired the essential qualification & their results have been declared are eligible to apply. Result awaited /Final semester appeared or appearing /Ph. D submitted etc are not eligible to apply for any post. Experience, if required, for any post should be only post –qualification experience.
3. The services of above Project Staff will be co-terminus with the duration of the Sponsored/Consultancy Project. There would be no automatic shifting of Project Staff from one project to another. On completion of the tenure in one project, in case, one wants to apply for engagement in another project, he/she will have to go through the normal selection process. Engagement under the new project would be made only after submission of ‘No Demand Certificate’ and ‘No Dues Certificate’ in the previous project and submission of resignation from the previous project. The maximum duration, for which Project staff could be engaged in different projects taken together, will be 5 years. The performance of the Project Staff would be reviewed

periodically so that any one not found up to the mark, could be replaced. As such, the offer of appointment will be given for short duration i.e. Six month/one year, which may be extended further based on the recommendations of the Review Committee.

4. Leave: Project Staff will be entitled for paid leaves as per rules.
5. Reservation: All other things being equal SC/ST/OBC candidates may be given preference over general candidates so as to ensure their representation.
6. TA/DA: Project Staff will be entitled for TA/DA while on official tour.
7. Medical Facilities: Project Staff will be provided medical facility as per Central Govt. medical norms. This will be limited to the Project Staff only and not for his/her family members/dependents.
8. Accommodation: Wherever applicable institute will provide accommodation to Project staff, if possible. If accommodation is not possible then they will be paid wherever applicable HRA as per rule. / Whenever possible accommodation will be provided to Project Staff. If accommodation is not possible then they will be paid HRA as per the Govt. of India norms as adopted by CSIR.
9. Registration for Ph.D: The facility for Ph.D. registration shall be allowed to those Project Staff who have worked for a minimum period of two years and have at least cleared CSIR-UGC Lectureship (NET) or GATE examination or published 02 papers in international peer reviewed journals.
10. There would be no component of increment etc. for Project Staff and the consolidated remuneration to be paid to Project Staff may be called "Stipend".
11. Candidate should possess the required educational qualification as on date of interview.
12. Mode of Selection: In case large number of candidates turn up, the candidates will be shortlisted for interview by a duly constituted Screening Committee. Only the short-listed candidates will be interviewed by Selection Committee. The Select panel so prepared will be utilized for engagement as Project Staff as and when requirement arise.
13. Relaxation in age in respect of candidate belonging to SC/ST/PH/OBC will be applicable as per GOI instructions. Relaxation in age limit for SC/ST/PH/OBC and women shall be 05 years.
14. In case the final certificate reflect CGPA, GPA etc in that case the candidates should convert the same into equivalent percentage as per the approved formula of the university, in the application form and a copy of such conversion formula must be attached alongwith the application.
15. CSIR-AMPRI reserves the right to cancel or withdraw the offer of engagement in case of any discrepancy found , in the candidature of any empanelled candidate at any stage .
16. Other terms and conditions will be governed as per guideline issued by the funding agency /CSIR Hqrs. for the engagement of above project staff as amended time to time.
17. CANVASSING IN ANY FORM AND/OR BRINGING ANY INFLUENCE POLITICAL OR OTHERWISE WILL BE TREATED AS A DISQUALIFICATION FOR THE POST.
18. Interested candidates fulfilling the above qualifications must apply through online portal available on AMPRI website. The Shortlisted candidates will be informed through email/Institute website

along with date and time of Interview. Candidates are requested to frequently visit institute website. www.ampri.res.in .

19. The Selected Candidates are expected to join immediately upon selection and bring with them all ORIGINAL TESTIMONIALS including mark sheets and certificates and Character & Attestation form and also a passport size photographs at the time of joining failing which their engagement can be withdrawn.

Candidates may apply from **08.11.2023 to 28.11.2023** through online portal. The Last date of application is **28.11.2023**. Application received after last date will not be entertained.

Note:

1. Candidate should go through the advertisement carefully to check their suitability in the area.
2. In case a candidate fails to produce any of the above mentioned documents/testimonials in original at the time of registration, he/she shall not be allowed to register for the further process.
3. The posts advertised are provisional and subject to ascertaining the availability of funds under the respective projects before the declaration of results and issue of engagement letter.

Disclaimer – Candidates who are applying please ensure that you fulfill the essential qualifications. If you apply without fulfilling the essential qualifications then it will be considered that you are giving wrong/misleading information. The ONUS OF THIS ACTION WILL BE ON THE CANDIDATE and not on the Scientists, HR Division or the Institute. In case you are found not to fulfill the essential criteria or that you have provided misleading information, then your candidature for the post may be rejected at any stage of selection or after selection.

There would be no automatic shifting of project staff form one project to another. On completion of the tenure in one project, if one wants to apply for engagement in another project, he/she will have to go through the process of selection by submitting a fresh application under the new project. Appointment under the new project would be made only after submission of 'No Dues Certificated' in the previous project and submission of resignation from the previous project.

Note: The shortlisted candidates have to keep ready with them a valid photo ID card, an updated signed C.V. (clearly mentioning Date of Birth, Highest Qualification with percentage, Correspondence address and email ID), Dissertation (if any), Ph.D. thesis (if any) and original certificates/s elf attested photocopies for verification. No TA will be paid to the candidates for appearing in the interview.

Controller of Administration

