



सीएसआईआर-प्रगत पदार्थ तथा प्रक्रम अनुसंधान संस्थान  
CSIR-ADVANCED MATERIALS AND PROCESSES RESEARCH INSTITUTE  
(वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद्)  
(Council of Scientific and Industrial Research)  
होशंगाबाद रोड, हबीबगंज नाका के पास, भोपाल-462026 (म.प्र.)  
Hoshangabad Road, Habibganj Naka, Bhopal-462026 (M.P.)



**ADVERTISEMENT NO. PROJ-5/2024**

Engagement of Project Staff

**Last date to submit application through online : 09.07.2024**

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](http://www.ampri.res.in). For any technical problem while submitting the online application, may contact [recruit-ampri@ampri.res.in](mailto:recruit-ampri@ampri.res.in)

1.	<b>Name of Post</b>	Project Associate-II
	<b>Total No. of positions</b>	01 No.
	<b>Project No. &amp; Title</b>	IHP002405 "Assistive telescopic tool with Shape Memory Alloy wire actuator based soft robotic gripper with machine vision for engineering applications".
	<b>Duration of the Project</b>	Initially one year
	<b>Essential Qualification</b>	B.E./B.Tech in Mechanical Engineering from a recognized university or equivalent with two years experience in Research and Development in Industrial and Academic Institutions.
	<b>Desirable/Job description</b>	Knowledge/Experience in field of CAD, CAM Mechanical Designs, 3D Printers, robotics etc.
	<b>Upper Age limit (years)</b>	35Yrs
	<b>Monthly Emoluments</b>	i) 35000/- + 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) Rs.28,000/- +HRA for others who do not fall under (i) above.

2.	<b>Name of Post</b>	Project Associate-I
	<b>Total No. of positions</b>	01 No.
	<b>Project No. &amp; Title</b>	IHP002412 "Study of alternate curing methods for curing of cement mortar/concrete".
	<b>Duration of the Project</b>	Initially one year
	<b>Essential Qualification</b>	B.E./B.Tech. in Civil Engineering from a recognized university or equivalent.
	<b>Desirable/Job description</b>	Knowledge/Experience in R&D in civil engineering aspects e.g. numerical modelling, concrete technology, 3D concrete printing, CAD, geopolymetric concrete etc.
	<b>Upper Age limit (years)</b>	35 Yrs
	<b>Monthly Emoluments</b>	Rs.25,000/- +HRA

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3.	<b>Name of Post</b>	Project Associate-I
	<b>Total No. of positions</b>	01 No.
	<b>Project No. &amp; Title</b>	IHP002407 "Engineering the electronic structure, magnetic properties and spin transport properties of MXenes and Janus 2D Materials for designing Next-Gen innovative spintronic and electronic devices".
	<b>Duration of the Project</b>	Initially one year
	<b>Essential Qualification</b>	M.Sc. in Chemistry/Physics from a recognized university or equivalent.
	<b>Desirable/Job description</b>	M.Sc. Project on Computational Chemistry/Physics, Knowledge of programming language.
	<b>Upper Age limit (years)</b>	35 Yrs.
	<b>Monthly Emoluments</b>	Rs.25,000/- +HRA

4.	<b>Name of Post</b>	Project Assistant
	<b>Total No. of positions</b>	01 No.
	<b>Project No. &amp; Title</b>	IHP002408 "Investigation of Deep Learning for Real-Time Melt Pool Classification in Additive Manufacturing".
	<b>Duration of the Project</b>	Initially one year
	<b>Essential Qualification</b>	B.Sc. with one subject as CS / Diploma in Engineering (CS/EE/EC/ME) from a recognized university or equivalent.
	<b>Desirable/Job description</b>	Experience in AI/ML, additive manufacturing/3-D printing.
	<b>Upper Age limit (years)</b>	50 Yrs.
	<b>Monthly Emoluments</b>	Rs. 20,000/- + HRA

5.	<b>Name of Post</b>	Project Associate-I
	<b>Total No. of positions</b>	01 No.
	<b>Project No. &amp; Title</b>	HCP-0101 - Jigyasa 2.0 :Virtual Lab Integration
	<b>Duration of the Project</b>	Initially one year
	<b>Essential Qualification</b>	B.E./B.Tech in Civil/CSE/Electronics OR M.Sc. in Physics/Chemistry from a recognized university or equivalent.
	<b>Desirable/Job description</b>	Preference will be given to the candidate with research experience.
	<b>Upper Age limit (years)</b>	35Yrs
	<b>Monthly Emoluments</b>	<p>i) 31000/- + 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.</p> <p>ii) Rs.25,000/- +HRA for others who do not fall under (i) above.</p>

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6.	<b>Name of Post</b>	Project Associate-I
	<b>Total No. of positions</b>	01 No.
	<b>Project No. &amp; Title</b>	SSP-072 - Design and development of Aluminum alloy (AA 6061) open-cell foam core sandwich panels for space application.
	<b>Duration of the Project</b>	Initially one year
	<b>Essential Qualification</b>	B.Tech in Metallurgical/Mechanical/Production Engineering or M.Sc. in Physics/Material Science from a recognized university or equivalent.
	<b>Desirable/Job description</b>	Work experience in material characterization will be preferred.
	<b>Upper Age limit (years)</b>	35Yrs
	<b>Monthly Emoluments</b>	Rs.25,000/- +HRA

### 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.

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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 along with 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 empaneled 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](http://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 **19.06.2024 to 09.07.2024** through online portal. The Last date of application is **09.07.2024** 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.

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**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 from 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.

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*18/06/24*  
Section Officer (R&A)