



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-462064 (म.प्र.)  
Hoshangabad Road, Habibganj Naka, Bhopal-462064 (M.P.)



**Advertisement No. PROJ-1/2021**  
**Engagement of Project Staff**

CSIR-AMPRI desires to engage qualified incumbents on purely temporary. Details are as below:

S. No	Name of Project	Position details	Qualifications	Tenure	Upper age limit	Remuneration/ Stipend
1.	“CSIR-Integrated Skill Initiative (Phase-II)” Project : NWP 100	01 No.  Project Associate-II	M.Sc. in Geology/Geoinformatics or equivalent. and Two years experience in R&D in industrial & academic institutions or science & technology organizations and having good computer knowledge & skills.	Initially One Year/co-terminus with the project	35 Yrs	(i) Rs.35,000/pm + HRA to Scholars who are selected through (a) National Eligibility Tests-CSIR-UGC NET including lectureship (Assistant Professorship) or GATE (b)A selection process through National level examinations conducted by Central Govt. Deptt. and their Agencies and Institutions. (ii) 28,000/- + HRA for others who do not fall under (i) above.

2.	“CSIR-Integrated Skill Initiative (Phase-II)” Project : NWP 100	01 No. Project Associate-I	M.Sc. in Geology/Geoinformatics equivalent.	Initially One Year/co- terminus with the project	35 Yrs.	Rs. 31,000/p.m +HRA to Scholars who are selected through (a) National Eligibility Tests-CSIR- UGC NET including lectureship (Assistant Professorship) or GATE (b)A selection process through National level examinations conducted by Central Govt. Deptt. and their Agencies and Institutions. (ii) 25,000/- + HRA for others who do not fall under (i) above
3.	“Water Table Depletion study in and around Sanjay Gandhi Thermal Power Station, Birsinghpur, Madhya Pradesh along with rain water harvesting to recharge water for the ground- water enrichment”. Project No: SSP 0056	01 No. Project Associate- II	M.Sc. in Geology/Geoinformatics Or equivalent and Two years experience in R&D in Industrial and Academic Institutions or Science and Technology Organizations and Scientific activities and services and having good computer knowledge & skills.  Desirable : PG Diploma in Computer application	Up to 14.07.2021/ co- terminus with the project	35 Yrs.	(i) Rs.35,000/ pm + HRA to Scholars who are selected through (a) National Eligibility Tests-CSIR- UGC NET including lectureship (Assistant Professorship) or GATE (b)A selection process through National level examinations conducted by Central Govt. Deptt. and their Agencies and Institutions. (ii) 28,000/- + HRA for others who do not fall under (i) above.
4.	“Light Weight Aluminium Alloy Matrix composites for automobile, defence and Engg. Applications”.	02 Nos. Project Associate - II	B. Tech in Metallurgy / Mechanical Engineering And .Two years experience in Research	Initially One Year/co- terminus	35 Yrs	(i) Rs.35,000/ pm + HRA to Scholars who are selected

	Project No: MLP 0212		Development in Industrial and Academic Institutions or Science and Technology Organizations and Scientific activities and services.	with the project		through (a) National Eligibility Tests-CSIR-UGC NET including lectureship (Assistant Professorship) or GATE (b) A selection process through National level examinations conducted by Central Govt. Deptt. and their Agencies and Institutions. (ii) 28,000/- + HRA for others who do not fall under (i) above.
5	“Development of polymer/geopolymer based nanocomposites for antimicrobial applications..” Project : MLP 0206	01 No. Senior Project Associate	M.Sc. in Chemistry/applied Chemistry /Bio Technology from a recognized university or equivalent And Four years experience in Research Development in Industrial and Academic Institutions or Science and Technology Organizations and Scientific activities and services. OR Doctoral Degree in Chemical Science/Chemistry/Applied Chemistry/Biotechnology from a recognized university or equivalent.  Desirable: Preference will be given to those candidates having research experience in the field of coating, operation of coating related equipments determination of coating related parameters and their evaluation.	Upto March 2022/co-terminus with the project	40 Yrs.	Rs. 42,000/p.m +HRA
6	“Development of Advanced Non-Toxic Radiation Shielding.” Project : MLP 0213	02 Nos. Project Associate-I	M. Sc. in Chemistry, Physics, Bioscience, nanotechnology, Material Science. OR BE/B. TECH in Environmental Engineering, nuclear Engineering. Chemical Engineering. from a recognized university or equivalent.  Desirable: Knowledge in Material design, synthesis, development, characterization, utilization of waste materials, SCI publications, Research	Upto March 2022/co-terminus with the project	35 Yrs.	Rs. 31,000/p.m +HRA to Scholars who are selected through (a) National Eligibility Tests-CSIR-UGC NET including lectureship (Assistant Professorship)

			Experience.			or GATE (b)A selection process through National level examinations conducted by Central Govt. Deptt. and their Agencies and Institutions. (ii) 25,000/- + HRA for others who do not fall under (i) above.
7	“Development of Nanofibrous Antimicrobial Wound Dressings for chronic wound infections and skin regeneration”. Project : GAP-105	01 No. Project Associate – I	M.Sc. in Chemistry/ Material Science/Nano Science/Nanotechnology  OR  B. Tech in Material Science/Nano Science/Nanotechnology or equivalent  Desirable: experience in antimicrobial materials and antimicrobial testing assays.	Initially One Year/co-terminus with the project	35 Yrs.	Rs. 31,000/p.m +HRA to Scholars who are selected through (a) National Eligibility Tests-CSIR-UGC NET including lectureship (Assistant Professorship) or GATE (b)A selection process through National level examinations conducted by Central Govt. Deptt. and their Agencies and Institutions. (ii) 25,000/- + HRA for others who do not fall under (i) above
8	“Development of 3-D printer for additive construction of scaled model of building and construction material optimization”. Project : MLP 0207	01 No. Project Associate – II	B. Tech. In Civil Engineering or equivalent. And Two year Experience in R&D in Industrial and Academic Institutions or Science and Technology organizations and relevant Scientific activities and services e.g. 3D concrete printing, CAD, numerical modeling, geopolymeric concrete etc.	Initially One Year/co-terminus with the project	35 Yrs.	(i) Rs.35,000/ pm + HRA to Scholars who are selected through (a) National Eligibility Tests-CSIR-UGC NET including lectureship (Assistant Professorship) or GATE (b)A selection process through National level

						examinations conducted by Central Govt. Deptt. and their Agencies and Institutions. (ii) 28,000/- + HRA for others who do not fall under (i) above.
9	<p>“Development of 3-D printer for additive construction of scaled model of building and construction material optimization”.</p> <p>Project : MLP 0207</p>	01 No. Project Associate – II	<p>B.Tech. in Electronics and Communication/Instrumentation/Mechatronics Engg. Or equivalent .</p> <p>And</p> <p>Two year Experience in R&amp;D in Industrial and Academic Institutions or Science and technology organizations and relevant Scientific activities and services e.g. robotics, instrumentation, embedded systems, etc.</p>	Initially One Year/co-terminus with the project	35 Yrs.	<p>(i) Rs.35,000/pm + HRA to Scholars who are selected through</p> <p>(a) National Eligibility Tests-CSIR-UGC NET including lectureship (Assistant Professorship) or GATE</p> <p>(b)A selection process through National level examinations conducted by Central Govt. Deptt. and their Agencies and Institutions.</p> <p>(ii) 28,000/- + HRA for others who do not fall under (i) above</p>
10	<p>“Real-time portable electrochemical sensor array for simultaneous detection of antibiotics and pesticides”.</p> <p>Project No : HCP 031</p>	01 No. Project Associate – I	<p>M.Sc. in Chemical Science/B. Tech. in Chemical Engineering/Material Engineering or equivalent.</p> <p>Desirable: experience in Industrial and Academic Institutions/Science and Technology Organizations on electrochemistry/Carbon based materials (CNF/CNT/grapheme)/electrochemical Sensor/water/wastewater</p>	Initially One Year/co-terminus with the project	35 Yrs.	<p>Rs. 31,000/p.m +HRA to Scholars who are selected through</p> <p>(a) National Eligibility Tests-CSIR-UGC NET including lectureship (Assistant Professorship) or GATE</p> <p>(b)A selection process through National level examinations conducted by Central Govt.</p>

						Deptt. and their Agencies and Institutions. (ii) 25,000/- + HRA for others who do not fall under (i) above.
11	Investigating the use of Silico-Mangenes Slag for application as a mine stowing materials. Project No : SSP-0057	Project Assistant	03 year Diploma in Civil Engineering.  Desirable: experience in field work, sample collection at site, characterization and evaluation of different civil eng properties. Field experience and computer knowledge shall be preferred.	Six Month /co-terminus with the project	50 years	20000/- + HRA Increment of 15% for three years of experience with max. Ceiling of 4 such revision ie upto 12 years of experience.
12	Synthesis of Zeolites from Fly ash for agriculture Applications. Project No : MLP-208	02 No. Project Associate – I	M. Sc in Chemistry /Biotechnology or M.Sc. in Agriculture with specialization in Soil Science.	Initially One Year/co-terminus with the project	35 Yrs.	Rs. 31,000/p.m +HRA to Scholars who are selected through (a) National Eligibility Tests-CSIR-UGC NET including lectureship (Assistant Professorship) or GATE (b)A selection process through National level examinations conducted by Central Govt. Deptt. and their Agencies and Institutions. (ii) 25,000/- + HRA for others who do not fall under (i) above.
13	Application of Carbon dots as Growth enhancers in Agriculture System Project : MLP 0049	01 No. Project Associate – I	M. Sc in Chemistry /Biotechnology/Nanotechnology.	Initially One Year/co-terminus with the project	35 Yrs.	Rs. 31,000/p.m +HRA to Scholars who are selected through (a) National Eligibility Tests-CSIR-UGC NET including lectureship (Assistant Professorship) or GATE (b)A selection

						process through National level examinations conducted by Central Govt. Deptt. and their Agencies and Institutions. (ii) 25,000/- + HRA for others who do not fall under (i) above.
14	High Strength Creep and Corrosion resistance Magnesium RE-TE Alloy, composite and foams for Engineering and Strategic sectors. Project No : MLP-0203	01 No. Project Associate– II	B.E./B.Tech in Metallurgy and Materials Engineering or equivalent and two years experience in R&D in Industrial and Academic Institutions or Science and Technology Organizations and Scientific activities and services.	Up to March 2022/co-terminus with the project	35 Yrs.	(i) Rs.35,000/pm + HRA to Scholars who are selected through (a) National Eligibility Tests-CSIR-UGC NET including lectureship (Assistant Professorship) or GATE (b)A selection process through National level examinations conducted by Central Govt. Deptt. and their Agencies and Institutions. (ii) 28,000/- + HRA for others who do not fall under (i) above.
15	Development of Bamboo Composite Beams and their specifications for engineering applications.” Project : MLP 210	03 Nos. Project Associate– I	M.Sc. (Chemistry/Applied Chemistry ) or equivalent or B.E./B. Tech in Mechanical/Chemical Engineering /Information Technology or equivalent.  Desirable: Knowledge and experience in materials design synthesis, development, Characterization of fiber/bamboo based composite, modeling and simulation, CAD/CAM, MS office, report preparation etc.	Initially One Year/co-terminus with the project	35 Yrs.	Rs. 31,000/p.m +HRA to Scholars who are selected through (a) National Eligibility Tests-CSIR-UGC NET including lectureship (Assistant Professorship) or GATE (b)A selection process through National level examinations conducted by

						Central Govt. Deptt. and their Agencies and Institutions. (ii) 25,000/- + HRA for others who do not fall under (i) above...
16	Lab to Field Demonstration of Domestic Electricity Free Filter Device for Fluoride Free Drinking Water. Project No. : GAP-103	01 No. Project Assistant	B.Sc in (Chemistry/Physics/ Maths) or equivalent. Desirable: Preference will be given to the candidate with experience in chemical synthesis, water treatment studies, water analysis.	Initially One Year/co-terminus with the project	50 Yrs.	Rs.20,000/pm +HRA Increment of 15% for 3 years of experience with maximum ceiling of 4 such revisions i.e. upto 12 years of experience.
17	“Design and Development of Smart, Hybrid Polymer Composites and Structures for advanced Engineering Applications.” Project : MLP 0202	01 No. Project Associate– I	BE/B.TECH (Mechanical /Instrumentation/Electronic Engineering and equivalent).  Desirable: Preference will be given to the experience in area of mechanical design and development /instrument design, 3D modeling software, and basic electronic /circuit design etc.	Initially One Year/co-terminus with the project	35 Yrs.	Rs. 31,000/p.m +HRA to Scholars who are selected through (a) National Eligibility Tests-CSIR-UGC NET including lectureship (Assistant Professorship) or GATE (b)A selection process through National level examinations conducted by Central Govt. Deptt. and their Agencies and Institutions. (ii) 25,000/- + HRA for others who do not fall under (i) above...
18	“Design and Development of Smart, Hybrid Polymer Composite and Structure for advanced Engineering Applications.” Project : MLP 0202	01 No. Project Associate– I	M. Sc (Chemistry/Polymer) or BE/B.TECH (Polymer/Chemical Engg./ Mechanical Engg.) or equivalent  Desirable: Preference will be given to the experience in area of Polymer processing especially in the field of SMP.	Initially One Year/co-terminus with the project	35 Yrs.	Rs. 31,000/p.m +HRA to Scholars who are selected through (a) National Eligibility Tests-CSIR-UGC NET including



						lectureship (Assistant Professorship) or GATE (b)A selection process through National level examinations conducted by Central Govt. Deptt. and their Agencies and Institutions. (ii) 25,000/- + HRA for others who do not fall under (i) above...
19	“Design and Development of Smart, Hybrid Polymer Composite and Structure for advanced Engineering Applications.” Project : MLP 0202	01 No. Project Associate– I	M.Sc. in Chemistry, Bio-technology, Bio-chemistry or equivalent.  Desirable: Preference will be given to the experience in area of polymer especially in the field of cell culture and related area.	Initially One Year/co-terminus with the project	35 Yrs.	Rs. 31,000/p.m +HRA to Scholars who are selected through (a) National Eligibility Tests-CSIR-UGC NET including lectureship (Assistant Professorship) or GATE (b)A selection process through National level examinations conducted by Central Govt. Deptt. and their Agencies and Institutions. (ii) 25,000/- + HRA for others who do not fall under (i) above...
20	“Development of Advanced materials and devices for opto electronic bio medical and strategic applications.” Project : HCP 0030	01 No. Project Associate– II	B.E./B.Tech in Mechanical Engineering or M. Sc in physics from a recognized University or equivalent And Two years experience in R&D in Industrial and Academic Institutions or Science and Technology Organizations and Scientific activities and services.	Initially One Year/co-terminus with the project	35 Yrs.	(i) Rs.35,000/ pm + HRA to Scholars who are selected through (a) National Eligibility Tests-CSIR-UGC NET including lectureship (Assistant

						Professorship) or GATE (b)A selection process through National level examinations conducted by Central Govt. Deptt. and their Agencies and Institutions. (ii) 28,000/- + HRA for others who do not fall under (i) above
21	Bio inspired surface fictionalization of carbon Nanostructures with Catecholamine /Catechol Rich Polymers : Novel Approach to Develop Advance Biosensors Project : MLP 0205	01 No. Project Associate-I	M.Sc in Chemistry/Nano Technology /Nano Science /Material Science Or B.E./B.Tech in Nano Technology /Nano Science /Material Science Desirable: Desirable Experience on Biosensors, Nano materials and coatings.	Upto March 2022/co-terminus with the project	35 Yrs.	Rs. 31,000/p.m +HRA to Scholars who are selected through (a) National Eligibility Tests-CSIR-UGC NET including lectureship (Assistant Professorship) or GATE (b)A selection process through National level examinations conducted by Central Govt. Deptt. and their Agencies and Institutions. (ii) 25,000/- + HRA for others who do not fall under (i) above..
22	Lightweight Aluminum hybrid foam core multilayer sandwich panels with metal 3D carbon fiber /Kevlar as face sheet for aerospace, defence and transportation applications. Project No : MLP 211	01 No. Project Associate-II	B.E./B.Tech in Metallurgical/Material Science/Mechanical Engineering. And Two years experience in R&D in Industrial and Academic Institutions or Science and Technology Organizations and Scientific activities and services.	Upto March 2022/co-terminus with the project	35 Yrs.	(i) Rs.35,000/ pm + HRA to Scholars who are selected through (a) National Eligibility Tests-CSIR-UGC NET including lectureship (Assistant Professorship) or GATE

						(b)A selection process through National level examinations conducted by Central Govt. Deptt. and their Agencies and Institutions. (ii) 28,000/- + HRA for others who do not fall under (i) above.
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## Instructions

1. The applicant must be Citizen of India.
2. Only those candidates who have completed the essential qualification & result has been declared are eligible to apply. Result awaited /Final semester appeared or appearing /Ph. D submitted etc are not eligible to apply to any post. Experience if required in any post should only be 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 leave as per rules.
5. Reservation: As regards reservation if all things 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 fellow 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 turns 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 age in respect of candidate belonging to SC/ST/PH/OBC and women 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 and a copy of such conversion formula must be attached alongwith the application.
15. CSIR-AMPRI reserve 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 engage 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) . The eligible candidates must appear for interview through Microsoft Teams (MS Teams). Candidates will be allowed as a guest in MS Team for which the link will be sent to registered email ID. The Selected Candidates are expected to join immediately upon selection and bring with them all ORIGINAL TESTIMONIALS including mark sheets and certificates and also a passport size photographs at the time of joining failing which their engagement can be withdrawn.  
Candidates may apply from **04.03.2021 to 10.03.2021** through online.  
The Last date of application is **10.03.2021**. Application received after last date will not be entertained.

*Note:*

1. Candidate should go through the advertisement carefully for 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 post 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 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/self attested photocopies for verification. No TA will be paid to the candidates for appearing in the interview.

Administrative Officer