



सीएसआईआर-प्रगत पदार्थ तथा प्रक्रम अनुसंधान संस्थान
CSIR-ADVANCED MATERIALS AND PROCESSES RESEARCH INSTITUTE

(वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद)

(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-2/2020

Engagement of Project Staff

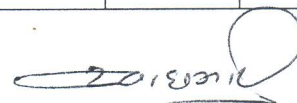
CSIR-AMPRI desires to engage qualified incumbents on purely temporary. Details are as below:

S. No	Name of Project	Position details	Qualifications	Tenure	Upper age limit	Remuneration/ Stipend
1.	"Durable Water repellent and Stain resistant super hydrophobic textile finishes based on polymer Nano compo site" Project : GAP 0087	02 Nos. JRF	M.Sc. in Chemistry/Microbiology with 55% marks or equivalent with NET including Lectureship (Assistant Professorship and GATE) OR M.Tech in Nanotechnology/ Biotechnology with 55% marks or equivalent. Desirable: Experience /Knowledge in nano synthesis/antimicrobial coatings	Upto march 2021	28Yrs (relaxation as per rule)	Rs. 31,000/p.m. Plus HRA.
2.	"Development of Advanced materials and devices for opto electronic bio medical and strategic applications." Project : HCP 0030	01 No. PA- II	M.Sc. /B.E. in Physics/Chemistry/ Materials Science/Nanotechnology/ Nanoscience with 55% marks or equivalent.	Initially One Year/co-terminus with the project	30 Yrs.	Rs. 31,000/p.m. + HRA
3.	Development, Manufacturing and Marketing of Micro Raman Spectrometer system with additional capabilities of carrying out Photo Luminescence spectroscopy and optical emission spectroscopy Project No: TLP 0001	01 No. Project Associate- II	M.Sc./B.Tech in Physics/Chemistry/ Materials Science/Nanotechnology/ Nano Science/Engineering with 55% marks or equivalent with two years experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organizations and Scientific activities and services. Desirable: Knowledge and working experience on Raman spectroscopy, computer programming and Raman analysis for various materials.	Upto August, 2021	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.	Development, Manufacturing and Marketing of Micro Raman Spectrometer system with additional capabilities of carrying out Photo Luminescence spectroscopy and optical emission spectroscopy Project No: TLP 0001	01 No. Project Scientist-I	Ph.D. in Physics/Chemistry/Materials Science/Nanotechnology/Engineering OR M.Tech in Materials Science/Nanotechnology/Nano Science/Engineering with 55% marks or equivalent with two years experience. Desirable: Knowledge and working experience on Raman spectroscopy, computer programming and Raman analysis for various materials.	Upto August, 2021	35 Yrs.	Rs. 56,000/pm + HRA Increment of 5% for every two years of experience subject to performance review.
5.	Development of Bamboo Composite Beams and their specifications for engineering applications." Project : MLP 210	03 Nos. PA-II	M.Sc./B.E./B.Tech in Chemistry/Applied Chemistry Mechanical/Chemical Engineering /Information Technology with 55% marks 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	30 Yrs.	Rs. 31,000/p.m +HRA
6.	"Design and Development of Smart, Hybrid Polymer Composites and Structures for advanced Engineering Applications." Project : MLP 0202	01 No. PA-II	M.Sc./BE/B.TECH (Mechanical /Instrumentation/Electronic Engineering and equivalent) with 55% marks or 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	30 Yrs.	Rs. 31,000/p.m +HRA
7	"Design and Development of Smart, Hybrid Polymer Composite and Structure for advanced Engineering Applications." Project : MLP 0202	01 No. PA-II	M.Sc./BE/B.TECH (Polymer/Chemical Engg./Chemistry) with 55% marks 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	30 Yrs.	Rs. 31,000/p.m +HRA
8	"Design and Development of Smart, Hybrid Polymer Composite and Structure for advanced Engineering Applications." Project : MLP 0202	01 No. PA-II	M. Sc./B.E. in Chemistry, Bio-technology, Bio-chemistry with 55% marks 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	30 Yrs.	Rs. 31,000/p.m +HRA
9.	Application of Carbon dots as Growth enhancers in Agriculture System Project : MLP 0045	01 No. PA-II	M.Sc./B.E. in Chemistry / Applied Chemistry/Environmental Chemistry/ /Biotechnology/ Nanotechnology OR M.Tech in Biotechnology / Nano technology with 55% marks or equivalent. Desirable: PA-I fellow will be support in performing the experiments under the approved project.	Initially One Year/co-terminus with the project	30 Yrs.	Rs. 31,000/p.m. + HRA
10.	Bio inspired surface fictionalization of carbon Nanostructures with Catecholamine /Catechol Rich Polymers : Novel Approach to Develop Advance Biosensors Project : MLP 0205	01 No. PA - II	M.Sc./B.Tech. in Chemistry/Nano Technology /Nano Science /Material Science or equivalent with 55 % marks. Desirable: Desirable Experience on Biosensors, Nano materials and coatings.	Initially One Year/co-terminus with the project	30 Yrs.	Rs. 31,000/p.m. + HRA

2018/2019

11.	Advanced Protection of Magnetic Storage and Biomedical system using thin film materials. Project No : MLP 204	01 No. Project Associate – I	M. Sc./B. Tech in Physics/Materials Science/Electronics or equivalent with 55% marks or equivalent. Desirable: Experience on thin films grapheme based materials 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.
12.	Development of Special Radiation Shielding Materials.... Project No : MLP 201	05 Nos. Project Associate – I	Masters degree in Chemistry, Physics, Bio Science, Materials Science, Nano Science of Nanotechnology or Bachelor degree in Environmental Engineering, Nuclear Engineering, Material Science and Engineering, Chemical Engineering, Textile Engineering, Electronics and Communication, Civil Engineering, Polymer Technology from a recognized university with 55% marks or 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.
13	Lightweight Aluminium 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 – I	B.E./B.Tech in Metallurgical/Material Science/Mechanical Engineering with 55% marks or equivalent. Desirable : casting of aluminum/Mg alloys/Finite element simulation .	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-

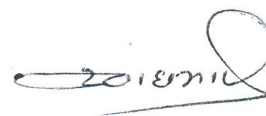


						UGC NET including lectureship (Assistant Professorship) or GATE (b)A selection process through National level examinations conducted by Central Govt. Deptt. and their Agencies and Institutions. (ii) 25,000/- + HRA for others who do not fall under (i) above.
14	Lightweight Aluminium hybrid foam core multilayer 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	M.E./M.Tech in Metallurgical/Material Science/Mechanical Engineering with 55% marks or equivalent with two years research in Research and Development in Industrial and Academic Institutions or Science and Technology Organizations and Scientific activities and services. Desirable: Casting of aluminum/Mg alloys.	Initially One Year/co-terminus with the project	35 Yrs	Rs. 35,000/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) 28,000/- + HRA for others who do not fall under (i) above.
15	High Strength Creep and Corrosion resistance Magnesium RE-TE Alloy, composite and foams for Engineering and Strategic sectors. Project No : MLP-0203	01 No. PA - III	M.Sc./B.E./B.Tech/ in Metallurgy and Materials Science/ Mechanical Engineering with minimum 55 % marks or equivalent with two years experience Or M.Tech in Metallurgy and Materials Science/ Mechanical Engineering with minimum 55 % marks or equivalent.	Initially One Year/co-terminus with the project	35 Yrs.	Rs. 35,000/p.m + HRA
16	Lab to Field Demonstration of Domestic Electricity Free Filter Device for Fluoride Free Drinking Water. Project No. : GAP-103	01 No. PA-I	B.Sc. in Chemistry/Physics/Maths with 55% marks 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	28 Yrs.	Rs. 20,000/p.m +HRA

2018/01/02

17.	Lab to Field Demonstration of Domestic Electricity Free Filter Device for Fluoride Free Drinking Water. Project No. : GAP-103	01 No. Project Associate-II	BE/B.Tech in Civil/Environmental Engineering with 55% marks or equivalent. Desirable: Two years of experience in the industry or R&D institution, preference would be give to GATE qualified students.	Initially One Year/co-terminus with the project	35 Yrs.	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
18.	CSIR Virtual Lab Project No.: HCP 0101	01 No. Project Associate-I	M.Tech/MCA/M.Sc./BE/B.Tech in CSE/IT/Multimedia/Electronics/Computer Science/ECE with 55% marks or equivalent. Experience: Preference will be given to the candidate with experience in software coding, Multimedia Animation, report writing etc.	Upto March 2021	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

HRA: as per CSIR guideline/rules.



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 . 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 **04.01.2021 to 11.01.2021** through online.

The Last date of application is **11.01.2021**. 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