



CSIR-Advanced Materials and Processes Research Institute

(Council of Scientific and Industrial Research)

Hoshangabad Road, Bhopal – 462026 (M.P.)

Advertisement No: RECT. –01/2021

Opportunities in Science & Technology – As a Professional Career

The Council of Scientific and Industrial Research (CSIR) is an autonomous organization under the Ministry of Science & Technology, Government of India. It is amongst the foremost scientific and industrial research set-ups in the world. Having state-of-the-art infrastructure and scientific and technical manpower second to none, CSIR covers practically the entire spectrum of scientific and industrial R&D of national and international importance. This ranges from aerospace to ocean exploration, micro-electronics to structural and environmental engineering, smart materials to mechatronics, petrochemicals to synthetic biology and from robotics and micro-machines to drugs & pharmaceuticals and agrochemicals.

CSIR-AMPRI, Bhopal a unit of Council of Scientific and Industrial Research (CSIR), is a premier scientific organization involved in conducting high quality research in the areas of Advanced Materials and is engaged in developing promising technologies for (i) X-ray Shielding material (ii) Bamboo Composite Material (iii) Hybrid Composite Materials (iv) Shape Memory Alloys (v) Nano Materials (vi) Waste to Wealth (vii) Rural development (viii) 3D Printing/additive manufacturing etc

The Institute is looking for dynamic and creative Indian researchers having excellent academic record and involved in Product Development, Technology Innovation and Translational Research etc. in the above broad areas. The eligible candidates may apply for the following positions online through the Institute website: <https://ampri.res.in>

Designation	No. of Post and Reservation Status	Pay Matrix/ Pay level	Total Emoluments* (approx.)	Upper Age Limit not exceeding (as on the last date of online application)**
Scientist / Gr. IV(2)	Seven (07) (SC-01, OBC-02 & UR-04)	Rs. 67,700-208700/ Level 11	Rs. 90041/-	32 years (Relaxation applicable as per rule)
Sr. Scientist / Gr. IV(3)	Three (03) (UR-03)	Rs.78,800-209200/ Level 12	Rs. 104804/-	37 years

Abbreviations: UR-Unreserved; SC-Scheduled Caste; OBC-Other Backward Classes;

*Total Emoluments means approximate total emoluments per month on minimum of scale as per 7th Central Pay Commission including House Rent Allowance stationed at Bhopal, Madhya Pradesh.

** Please see age relaxation under Relaxation column.

Post Code	Pay Level /No. of posts/ Reservation status	Name of Post	Essential Qualification & Experience	Desirable Experience in the area	Job Specification
A-01	Rs. 67,700-208700 Level 11 Two post (01-UR 01-OBC)	Scientist / Gr. IV(2)	M. Tech in Metallurgical and Materials Engineering OR Ph D (submitted) in Metallurgical and Materials.	Foundry, solidification, metal matrix composites, metal foams and aluminum/magnesium alloys. Steel processing, heat treatment, powder metallurgy, materials characterization, deformation and fracture.	i) Candidate would be associated with a team of Scientists and Technologists engaged on R&D. ii) The candidate is expected to write and defend research proposals to various funding agencies. iii) To carry out the R&D activities leading to translation of research for end users through industrial partners. iv) Any other work as may be assigned.
A-02	Rs. 67,700-208700 Level 11 One post (OBC)	Scientist / Gr. IV(2)	ME/ M.Tech in Polymer Technology/Polymer Science & Technology/Chemical Engineering /Mechanical Engineering /Applied Chemistry/Plastics Technology/ Material Science & Engineering OR Ph D (submitted) in Physics/Chemistry	Experience (as evidenced by publications in SCI Journals) in design & development of advanced polymer composite and their characterization, polymer synthesis and nano composites, Smart polymer composites, Computer modeling & simulation of polymer composites and their structures.	i) Candidate would be associated with a team of Scientists and Technologists engaged on R&D. ii) The candidate is expected to write and defend research proposals to various funding agencies. iii) To carry out the R&D activities leading to translation of research for end users through industrial partners. iv) Any other work as may be assigned.
A-03	Rs. 67,700-208700 Level 11 One post (UR)	Scientist / Gr. IV(2)	M. Tech in Earth Sciences / Geology OR Ph D (submitted) in Earth Sciences / Geology	Working Experience in Remote Sensing, GIS and GPS, Water Resources Management. Degree /Diploma in Computer Applications or Degree / Diploma in Remote Sensing / GIS	i) Candidate would be associated with a team of Scientists and Technologists engaged on R&D. ii) The candidate is expected to write and defend research proposals to various funding agencies. iii) To carry out the R&D activities leading to translation of research for end users through industrial partners. iv) Any other work as may be assigned.

A-04	Rs. 67,700- 208700 Level 11 One post (UR)	Scientist / Gr. IV(2)	M. Tech in Nanotechnology OR Ph D (Submitted) in Engineering Science (in the area of Nanotechnology)	Experience in Flexible electronic devices, energy harvester	i) Candidate would be associated with a team of Scientists and Technologists engaged on R&D. ii) The candidate is expected to write and defend research proposals to various funding agencies. iii) To carry out the R&D activities leading to translation of research for end users through industrial partners. iv) Any other work as may be assigned.
A-05	Rs. 67,700- 208700 Level 11 Two Post (01- UR, 01-SC)	Scientist / Gr. IV(2)	M. Tech in Biological Sciences / Bioengineering OR Ph D (Submitted) in Biological Sciences / Bioengineering	Experience of research work in biomaterials for cartilage tissue engineering, 3D bioprinting.	i) Candidate would be associated with a team of Scientists and Technologists engaged on R&D. ii) The candidate is expected to write and defend research proposals to various funding agencies. iii) To carry out the R&D activities leading to translation of research for end users through industrial partners. iv) Any other work as may be assigned.
A-06	Rs. 78,800- 209200 Level 12 One post (UR)	Sr. Scientist / Gr. IV(3)	M. Tech in Chemical Engineering and 03 years research experience in relevant area. OR Ph. D in Chemistry/Applied Chemistry/Chemical Engineering and 02 years research experience in relevant area.	Research experience in synthesis /fabrication and characterization of advanced lightweight metal foams/carbon composite foams for EMI shielding, electrical, thermal and mechanical applications Minimum three publications in SCI Journal of the area mentioned above.	i) Candidate would be associated with a team of Scientists and Technologists engaged on R&D. ii) The candidate is expected to write and defend research proposals to various funding agencies. iii) To carry out the R&D activities leading to translation of research for end users through industrial partners. iv) Any other work as may be assigned.
A-07	Rs. 78,800- 209200 Level 12 One post (UR)	Sr. Scientist / Gr. IV(3)	B. Tech (Civil/Mechanical/ Electronics/ Metallurgy) with MBA and 03 year experience in relevant area. OR M. Sc. (Chemistry/Physics/ Electronic) with MBA and 03 year experience in relevant area.	Experience in Business development, technology transfer, agreement drafting, IP management/R&D management in industry /research organization	i) Candidate would be associated with a team of Scientists and Technologists engaged on R&D. ii) The candidate is expected to write and defend research proposals to various funding agencies. iii) To carry out the R&D activities leading to translation of research for end users through industrial partners. iv) Any other work as may be assigned.

A-08	Rs. 78,800- 209200 Level 12 One post (UR)	Sr. Scientist / Gr. IV(3)	ME/M. Tech in Polymer / Plastic Technology/Chemical Engineering/ Mechanical Engineering and 03 year experience in relevant area. OR Ph. D in applied /Polymer Chemistry/in relevant area and 02 year of post doctoral research work / Industrial experience	Experience (evidenced by publication in SCI Journals) in polymer composites manufacturing, processing, characterization and process optimization natural fibre composite, recycled composites, hybrid organic/inorganic particulates / grapheme and fibre reinforced conductive and non-conductive polymer composites, sustainable materials and biodegradable materials.	i) Candidate would be associated with a team of Scientists and Technologists engaged on R&D. ii) The candidate is expected to write and defend research proposals to various funding agencies. iii) To carry out the R&D activities leading to translation of research for end users through industrial partners. iv) Any other work as may be assigned.

(Abbreviations: UR-Unreserved; SC-Scheduled Caste; OBC-Other Backward Classes ;)

Apart from qualifications indicated above, any other recognized qualification, which is equivalent to the prescribed qualification, shall be treated as at par with that qualification.

General information and conditions

1. Benefits under Council service:

- a. These posts carry usual allowances i.e. Dearness Allowance (DA), House Rent Allowance (HRA), Transport Allowance (TA) etc. as admissible to the central government employees and as made applicable to CSIR employees stationed in Bhopal. Council employees are also eligible for accommodation of their entitled type as per CSIR allotment rules depending on availability in which case HRA will not be admissible.
- b. In addition to the emoluments indicated against each category of posts, benefits such as applicability of New Pension Scheme 2004, reimbursements of Medical Expenses, Leave Travel Concession, Conveyance advance and House Building Advance are available as per CSIR rules.
- c. Scientists in CSIR are also permitted to undertake consultancy and sponsored R&D project activity. These activities give them scope to earn consultancy fee and honorarium as per CSIR guidelines governing these activities. Opportunities also arise for foreign deputations for training/presentation of papers/specific assignments etc.
- d. CSIR provides excellent opportunities to deserving candidates for career advancement under Assessment Promotion scheme for Scientists.
- e. Deserving candidates may be considered for advance increment(s) as per CSIR Rules.

2. Other conditions

- a. The applicant must be a citizen of India.
- b. The candidate must have experience in product development/ Technology Innovation/ Applied Technology, etc.
- c. The Screening/Selection committee will give weightage to the candidates having experience in product development/ Technology Innovation/ Applied Technology etc.
- d. All applicants must fulfill all the essential requirements of the post and other conditions stipulated in the advertisement as on the last date of receipt of the applications. They are advised to satisfy themselves before applying that they possess at least the essential qualifications laid down for various posts as on the last date of receipt of the applications. No enquiry asking for advice as to eligibility will be entertained.
- e. The prescribed essential qualifications are the minimum and the mere possession of the same does not entitle candidates to be called for interview. The duly constituted Screening Committee will adopt its own criteria for short-listing the candidates by way of written test/seminar/presentation based on percentage of marks obtained in academics, etc. The candidate should therefore, mention in the application all the qualifications clearly mentioning the percentage of marks obtained in CPI/GPA, etc. and experience in the relevant area over and above the minimum prescribed qualification, supported with documents. Completion of Ph.D. degree will be reckoned from the date of issue of provisional certificate/notification.
- f. The application should be accompanied by self attested copies of the relevant educational qualification, experience. The prescribed qualifications should have been obtained through recognized Universities / Institutions. etc. Incomplete applications/applications received or not accompanied with the required certificates / documents are liable to be rejected.
- g. The period of experience rendered by a candidate on part time basis, daily wages, visiting/ guest faculty will not be counted while calculating the valid experience for short listing the candidates for interview.

- h. The period of experience in a discipline / area of work, wherever prescribed, shall be counted after the date of acquiring the minimum prescribed educational qualifications prescribed for that Grade.
- i. If any document/ certificate furnished in a language other than Hindi or English, a transcript of the same duly attested by a Gazetted officer or notary is to be submitted.
- j. The date for determining the upper age limit, qualifications and /or experience shall be the closing date prescribed for receipt of applications.
- k. Persons with disabilities (PWD) fulfilling the eligibility conditions prescribed under GOI instructions are encouraged to apply.
- l. In case a candidate is staying abroad, his/her candidature may be considered in absentia by the Selection Committee on his/her written request.
- m. Only outstation candidates called and found eligible for interview will be paid to and fro single second class rail fare from the actual place of undertaking the journey or from the normal place of their residence whichever is nearer to Habibganj/Bhopal Railway Station on production of Rail Tickets/Rail Ticket Numbers or any other proof of journey.
- n. Any discrepancy found between the information given in application and as evident in original documents will make the candidate ineligible for appearing in interview. Such candidate will not be paid any fare.
- o. The decision of Director, CSIR-AMPRI, Bhopal /CSIR in all matters relating to eligibility, acceptance or rejection of applications, mode of selection, conduct of examination/interview will be final and binding on the candidates.
- p. Canvassing in any form and / or bringing any influence political or otherwise will be treated as a disqualification for the post.
- q. Candidates should clearly indicate in his/her application form the post code for which he/she wants to be considered.
- r. Date of interview or any update as the case may be will be displayed on AMPRI website.
- s. NO INTERIM ENQUIRY OR CORRESPONDANCE WILL BE ENTERTAINED.**

3. Relaxations:

- a. The upper age limit is relaxable upto 05 years for SC/ST and 03 years for OBC as per Government orders in force only in those cases where the post are reserved for respective categories, on production of relevant certificate in the prescribed format signed by the specified authority at the time of interview. OBC candidates are requested to produce requested certificates (recently issued) confirming his/her status as OBC and also produce non-creamy layer status issued by the authority as specified by Govt. of India.
- b. Upper age limit is also relaxable upto five years for the regular employees working in CSIR laboratories / institutes, Government Departments, autonomous bodies and public sector undertakings.
- c. As per GOI provisions, age relaxation for Widows, Divorced Women and Women Judicially separated from Husbands, the upper age limit is relaxable up to the age of 35 years (upto 40 years for members of Scheduled Castes/Scheduled Tribes and upto 38 years for members belonging to the Other Backward Classes in respect of the posts reserved for them) for Widows, divorced Women and Women Judicially separated from their Husbands who

are not remarried. The persons claiming age relaxation under this sub-para would be required to produce following documentary evidence:

- i) In case of Widow, Death Certificate of her husband together with the Affidavit that she has not remarried since.
- ii) In case of divorced Women and Women judicially separated from their husbands, a certified copy of the judgment/decree of the appropriate Court to prove the fact of divorce or the judicial separation, as the case may be, with an Affidavit in respect of divorced Women and they have not remarried since.

d. Age relaxation to Physically Handicapped (PH) persons: Age relaxation of 10 years is allowed (total 15 years for SCs/STs and 13 years for OBCs in respect of the posts reserved for them) to blind, deaf-mute and orthopedically handicapped persons for appointment to Group 'A' posts/services. The persons claiming age relaxation under this sub-para would be required to produce a certificate in prescribed proforma in support of their claims clearly indicating that the degree of physical disability is 40% or more. In any case, the appointment of these candidates will be subject to their being found medically fit in accordance with the standards of medical fitness as prescribed by the Government for each individual Group 'A' posts to be filled by Direct Recruitment by Selection.

e. Relaxation in age, over and above the stipulated limit, educational qualification and / or experience may be considered in case of exceptionally meritorious candidates or if sufficient numbers of candidates possessing the requisite qualification and/ or experience are not available to fill up the posts.

f. Relaxation of five years will also be permissible to those who had ordinarily been domiciled in the Kashmir division of the state of Jammu and Kashmir during the period from 1-1-1980 to 31-12-1989 subject to production of relevant certificate from concerned authority.

g. The date for determining age limit/experience/qualification shall be the closing date prescribed for receipt of online application i.e. **18.02.2021**.

4. How to apply:

a. Eligible candidates are required to apply ONLINE through our website <https://ampri.res.in>; no other mode of application will be accepted.

b. If the candidate does not have a valid email id, he/she should create a new valid email id before applying online.

c. Online Application will be available on our <https://ampri.res.in> website till **18.02.2021**.

d. The candidate has to remit application fee of Rs. 100 (Rupees hundred only) wherever applicable through Net Banking to the following account and fill up the transaction details in the prescribed columns of online application:

Name of Account Holder	:	Director, AMPRI, Bhopal
Account Number	:	131610011004778
Name of Bank	:	Union Bank of India , RRL Lab., Saket Nagar, Bhopal
IFSC Code	:	UBIN0813168

(The candidates belonging to SC/ST/PH/Women/CSIR Employees/Abroad Candidates category are exempted from submission of application fee).

e. In case of universities/institute awarding CGPA/SGPA/OGPA grades etc., candidates are requested to convert the same into percentage based on the formula as per their university/institute.

f. Successful online application is indicated by the page displayed after clicking Submit Button indicating the generated "APPLICATION NUMBER". Please note down the same carefully and preserve it. If you do not preserve it, you will not be able to Re-print the Application.

h. This computer generated application (Print-out) duly accompanied by attested copies of the certificates, mark sheets, testimonials in support of age, education qualifications, experience, reprints of publications and caste certificate, if applicable along with one recent passport size self signed photograph affixed together with money transfer documents (UTR No.) (if applicable) should be sent in an envelope superscribed “APPLICATION FOR THE POST OF SCIENTIST (Post Code A01/A02/A03/A04/A05/A06)” by post to The Director, CSIR-Advanced Materials and Processes Research Institute, Near Habibganj Naka, Hoshangabad Road, Bhopal-462026 (Madhya Pradesh) latest by **05.03.2021.at 17.30 hrs.** Candidates applying for more than one post must submit separate application form for each post indicating the Code No. of the post and posted separately. The hard copy(s) of each application must be accompanied by details of online payment of application fee.

i. Application once made will not be allowed to be withdrawn and fees once paid will not be refunded on any count nor can it be held in reserve for any other recruitment or selection process.

j. Applications from employees of Government Departments will be considered only if forwarded through proper channel, certified by the employer that the applicant, if selected will be relieved within one month of the receipt of the appointment orders. Also, vigilance clearance should be recorded. However, advance copy of the application may be submitted before the closing date. Applications routed through proper channel should reach CSIR-AMPRI, Bhopal latest by **05.03.2021 at 17 . 30 hrs.**

k. Candidates should specifically note that the applications received after the closing date for any reason whatsoever (such as envelopes wrongly addressed, delivered elsewhere, postal delay etc.) will not be entertained by CSIR-AMPRI, Bhopal.

l. Incomplete applications (i.e. without photograph, unsigned and application fee, applicable testimonials etc.) will not be entertained and will be summarily rejected.

5. Following documents must be attached along with application form sent by post:

- a Details/UTR No. towards payment of application fee, where applicable.
- b Colored photograph pasted on the form and signed across in full.
- c Self Attested photocopy of Date of Birth Certificate.
- d Self Attested photocopies of education qualifications certificates.
- e Self Attested photocopy of caste certificate, if applicable.
- f Self Attested photocopies of experience certificates, if any.

Administrative Officer



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(Council of Scientific and Industrial Research)
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ADVERTISEMENT NO. RECT.01/2021

Submission of Online application will commence on 20.01.2021

Last Date for Online submission of Application: 18.02.2021

Last Date for Receipt of hardcopy of application: 05.03.2021

CSIR is a premier scientific organization for the country's development in applied sciences and technology. Please visit <http://www.csir.res.in> for more details.

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The Institute is looking for dynamic and creative Indian researchers having excellent academic record and involved in Product Development, Technology Innovation and Translational Research etc for post of Scientist & Sr. Scientist. Details are as under:

Designation	No. of Post and Reservation Status	Pay Matrix/ Pay level	Total Emoluments* (approx.)	Upper Age Limit not exceeding** (as on the last date of online application)
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*Pay is at the minimum level of scale excluding admissible allowances.

**Age relaxation as per details given in detailed advertisement on Institute's website.

The application should be accompanied by a Statement of purpose for joining the Laboratory/Institute (< 150 words).

For details like benefits under Council service, terms and conditions, number of vacancy positions, reservation, etc. please visit website: <https://ampri.res.in>

Administrative Officer