



**International Advanced Research Centre
for Powder Metallurgy and New
Materials (ARCI)**

**An Autonomous R&D Centre of
Department of Science & Technology,
Govt. of India**



भारत 2023 INDIA
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Advt. No. ARCI/HRD/RECT/1/2024

**RE-ADVERTISEMENT FOR
RECRUITMENT OF SCIENTIST "G" IN PAY LEVEL 14
Last Date for Submission of Online Applications 31st July,2024**

ARCI is an autonomous R&D Centre of Department of Science & Technology (DST), Government of India with a mission to develop highly competitive and commercially viable technologies for Indian and global markets. ARCI offers an excellent work environment, equipped with modern facilities and intellectual freedom for motivated individuals to realize their full innovative potential. ARCI currently has opening for filling-up Two (2) Senior Scientist positions at **Scientist "G"** grade in **Pay Level 14** on **Direct Recruitment basis**. Online applications are invited from interested and dedicated Indian citizens having consistently good academic record and relevant experience to fill-in Scientist "G" positions.

Please Note: Candidates who have already applied for the post of Scientist "G" against our earlier advertisement need not apply again. Their applications received will be considered along with the applications to be received against this re-advertisement.

Sl. No.	Name of the posts with Details Qualification & Experience
01.	<p>Post Code : 01</p> <p>Name of the post : SCIENTIST "G"</p> <p>No. of Posts : Two (2)</p> <p>Pay level : 14 of 7th CPC</p> <p>Total emoluments: <u>Rs. 2,83,185/- approximately</u></p> <p>Age limit : Not exceeding 50 years</p> <p>Mode of Recruitment: Direct recruitment</p> <p>Mode of Selection : Presentation on R&D achievements/project proposal & future plans, and followed by Personal Interview.</p> <p>Eligibility for Deputation: Possessing the educational qualifications and experience as mentioned below.</p> <p>Essential Qualification:</p> <ol style="list-style-type: none">Doctorate Degree in Physical Sciences or Master's Degree in Engineering or Technology from a recognized University or equivalent.Fifteen (15) years' experience in research and development in industrial and academic Institutions or science & technology organizations, out of which seven (7) years shall be in administration, planning, development and coordination of R&D and related areas.Experience of evolving, managing and directing major science and technology development programmes; andPublished research work of high standard and/or good record of patents granted/filed.

Desirable:

- i) Post Doctorate research in Physical Sciences or doctorate in Engineering or Technology from a recognized Institute as evidenced by certification by such University or Institute and publication of research work in journals of repute.
- ii) Experience in conception, management & implementation of major scientific or technology development programmes.
- iii) Experience in technology transfer and/or implementation of industry-relevant projects.
- iv) Proven track record of application Artificial Intelligence (AI)/Machine Learning (ML) techniques/ computational calculation methods for materials development by way of funded projects and relevant publications shall be an added advantage.

Note: Period spent on acquiring essential qualifications shall not count towards experience. However, period spent on post doctorate research in a University or research Institute as evidenced by certification by such University or Institute and publications of research work in journals of repute, subject to maximum of two (2) years, shall be counted as experience.

Job Requirement: The candidates are expected to lead a team of personnel in designing and executing different R&D projects for product development and scaling-up of technologies to pilot plant level leading to their transfer to the industry.

Specific Job : The candidates should have appropriate research and application development expertise to spearhead a major programme in any one of the following areas as evidenced by peer reviewed publications and patents:

- a) advanced manufacturing processes;
- b) advanced materials development;
- c) energy and engineering fields

ARCI strives to have a workforce which reflects gender balance and women candidates are encouraged to apply

1. A separate questionnaire form for research proposal submission will be sent by email to the candidates.
2. Interested candidates shall submit their online applications alongwith **Research Proposal** as per the format.
3. **Separate Reference Appraisal** will be sent to the referees given by the candidates in their online applications.

I. Application Procedure:

The Interested candidates fulfilling the above eligibility criteria may submit online application at: <https://www.arci.res.in/careers>.

A. Emoluments:

- (i) **Salary will be as per government norms in pay level 14 of the 7th CPC and gross emoluments include basic pay, DA, HRA and Transport Allowance as applicable.**
- (ii) **Other Benefits:** In addition to the above emoluments, benefits such as New Pension Scheme (NPS), Gratuity, Group Insurance, Medical Reimbursement, Children Education Allowance, Leave Travel Concession (LTC) etc., are available and will be extended as per prevailing norms.

B. How to Apply:

Interested candidates fulfilling the above eligibility criteria shall necessarily submit their applications **ONLINE ONLY**. The online application should contain complete and definite information in respect of each of the columns. Applications received through any other mode (other than online)/incomplete applications/applications without fees/fee details etc., will not be accepted and **will be summarily rejected**.

Before filling in the Online application, candidates are advised to read carefully instructions for online submission, general terms and conditions.

C. Application Processing Fee and Mode of Payment:

A Non-refundable application processing fee of Rs. 1000/- shall be paid through NEFT/RTGS/UPI to the following bank:

Bank TRANSFER DETAILS	
Bank Name :	Canara Bank
Branch :	Kanchanbagh, Hyderabad -59
A/C in favour:	International Advanced Research Centre for Powder Metallurgy & New Materials
Account No. :	1849106015365
IFSC Code :	CNRB0001849

Note: (i) Please write bank transfer details in the space provided in online application (without bank transfer details online applications will be rejected).

(ii) Online Applications submitted by the candidates will not be considered in case if NEFT/RTGS/UPI amount is not received by us by **31st July,2024**.

D. Selection Process:

(i) **Preliminary Screening/Short-listing:** A Committee as constituted by the Competent Authority, ARCI will screen the applications, based on the essential qualification criteria etc., relevance of the experience for the post applied and number of years of relevant experience (based on the data provided in on-line applications by the candidates), research proposal submitted and such other parameters as deemed necessary for screening/short-listing. The Screened-in/short-listed candidates will be called for Personal Interview.

(ii) **Mode of Selection for**

Selection for the posts of Scientist "G": Shortlisted candidates shall make a crisp presentation for 30-45 minutes. The first half of the presentation shall highlight achievements of the research work carried out by the candidate in the last few years, while the second part should describe the research proposal and how his/her expertise is suited for implementing the proposal. A separate questionnaire form for research proposal submission will be mailed to candidates.
