



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

(An Autonomous R&D Centre of Dept. of Science & Technology, Govt. of India)

RCI-New Airport Road, Balapur, Hyderabad-500 005, Telangana.

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Advt. No. ARCI/HRD/FELLOWSHIPS/1/2025

WALK-IN INTERVIEWS FOR Research Associates/Junior/Senior Research Fellows (JRF/SRF Programme Leading to External M.S./Ph.D.)

Last Date for Submission of Online Applications

(A) Through Walk-in Interviews For: (i) Research Associates and (ii) GATE/NET Qualified Candidates for JRF/SRF	28.07. 2025
(B) Through ARCI Fellowship Examination For: Non-GATE/NET Candidates	07.08.2025

ARCI is looking to engage talented candidates, having a consistently good academic record, with a strong zeal and motivation to pursue innovative research, to contribute in time-bound sponsored/in-house projects in various emerging areas related to advanced materials (such as Engineered Coatings, Clean Energy Materials, Lithium Ion Batteries/Sodium Ion Batteries, Solid State Battery Technology, Ceramic Materials, PEMFC/SOFC Fuel Cells, etc.). The selected candidates shall be awarded **Research Associate (RA)/Junior Research Fellowship (JRF)/Senior Research Fellowship (SRF)** depending upon their qualifications, experience etc.

Registration for External M.S./Ph.D. Programme: Based on the performance of the candidates, the selected candidates shall be encouraged to register for an External M.S./Ph.D. Program with one of the reputed Institutes (IITs/NITs)/Central University of Hyderabad with which ARCI has a tie-up. Candidates selected with M.E./M.Tech./M.S. or M.Sc., will have better opportunities for registering for external Ph.D. while those with B.E./B.Tech. or equivalent will have an opportunity for registering for external M.S. followed by Ph.D. OR limited opportunities are also available for registering for direct external Ph.D. programme.

Selection process for JRF/SRF:

(i) For GATE/NET and other Government Exams Qualified Candidates: Through Walk-in Personal Interview for candidates qualified GATE/NET or those who have qualified any National level examinations conducted by Central Government Departments/Agencies.

(ii) For Non-Gate/NET Qualified Candidates: Candidates without GATE/NET, will be selected on a merit basis through a Competitive Written Examination to be conducted by ARCI and followed by Personal Interview.

Sl.No.	Details of Fellowships/Project Staff	Essential Educational Qualification & Experience
01.	<p>i) Research Associate I No. of posts: Six (6) Upper Age Limit: 35 years Tenure of Project: 1 to 5 years Fixed Stipend: Rs. 58,000/- plus HRA as per sanctioned project Place of Posting: Hyderabad/Chennai (5 posts @ Hyderabad & 1 @ Chennai)</p> <p>ii) Research Associate III No. of posts: One (1) Upper Age Limit: 38 years Tenure of Project: 1 to 5 years Fixed Stipend: Rs. 67,000/- plus HRA as per sanctioned project Place of Posting: Hyderabad Walk -in Interviews for shortlisted candidates will be held on 1st August, 2025 (Friday) at ARC, Hyderabad.</p>	<p>Essential Qualifications & Experience: Ph.D. or equivalent degree or having three (3) years of research, teaching and design and development experience after M.E./M.Tech. with atleast one research paper published in Science Citation Indexed (SCI) Journals.</p> <p>Desirable work Experience: Shall have carried out Ph.D. research work or shall have experience in the areas of advanced materials/Metallurgical/Materials Science/Physics/Chemistry/Nanotechnology/Energy/Chemical Engineering. The candidates having relevant experience in any of the following areas are preferable:</p> <p>(i) Materials Development for Li/Na-ion/Li-S batteries, Li-ion pilot plant for the fabrication of cylindrical/pouch/prismatic and electro-chemical testing (for 5 posts).</p> <p>(ii) Li-ion battery materials development (for 1 post).</p> <p>(iii) Research experience on 2 Dimensional materials and operational experience of furnaces (for 1 post).</p>

Sl.No.	Details of Fellowships/Project Staff	Essential Educational Qualification & Experience	
02.	Junior Research Fellow (JRF) No. of posts: Thirty (30) Upper Age Limit: 28 years Fixed Stipend: Rs. 37,000/- plus HRA as per sanctioned project Place of Posting: Hyderabad/Chennai (27 posts @ Hyderabad and 3 posts @ Chennai) Walk -in Interviews for shortlisted candidates will be held on 4th and 5th August 2025 (Monday & Tuesday) at ARCI, Hyderabad.		
		Degree	Specialization in
		First Class M.Sc. or equivalent in	Physics/Chemistry/Materials Science/Nano Science
		First Class B.E./B.Tech./ M.E./M.Tech. or equivalent in	Materials Engineering/Materials Science & Engineering/ Metallurgical Engineering/ Materials and Metallurgical Engineering.
			Mechanical Engineering
			Chemical Engineering
			Electrical Engineering
03.	Senior Research Fellow (SRF) No. of posts: Four (4) Upper Age Limit: 32 years Fixed Stipend: Rs. 42,000/- plus HRA as per sanctioned project Place of Posting: Hyderabad Walk -in Interviews for shortlisted candidates will be held on 1st August, 2025 (Friday) at ARC, Hyderabad.	And Candidates having above qualifications & should have been selected through anyone of the following described process: a) Scholars who are selected through National Eligibility Tests- CSIR-UGC NET including lectureship (Assistant Professorship), and GATE. OR b) The selection process through any National level examinations conducted by Central Government Departments and their Agencies and institutions such as DST, DBT, DAE, DOS, DRDO, MoE, ICAR, ICMR, IIT, IISc., IISER, NISER etc. (candidates who have undergone a or b process, will be shortlisted for walk-in personal interviews). OR NON-GATE/NET Candidates: Candidates with M.E./M.Tech./ B.E./B.Tech./M.Sc. in above specified specializations, will be short-listed for Competitive Written Examination (CWE) for Fellowship to be conducted by ARCI and followed by Personal Interview for the candidates shortlisted on merit basis based on the marks secured in CWE.	
		Qualification as prescribed for JRF (as stated above) with 2 years Research experience.	

Please Note: Ph.D./Engineering/Science students who are presently in their final year/semester and expected to complete their degrees by **July/August 2025** may also apply.

I. Application Procedure:

Eligible candidates may submit their online application at: <http://www.arci.res.in/careers>.

II. Screening/Short-listing and Selection Process

a. Eligible candidates will be provisionally shortlisted based on the details provided by them in their online applications submitted.

b. **Research Associate**

- i) Candidates with Ph.D. degree or those having 3 years or more years of experience of research, teaching and design and development experience after M.E./M.Tech. degree with atleast one research paper published in Science Citation Indexed (SCI) Journals are eligible for Research Associate. However, depending on the number of years of relevant experience, the candidate selected for Research Associate will be placed at an appropriate level (I/III) as per the sponsored projects sanction and requirement.
- ii) Screening/Shortlisting will be done by a committee based on Ph.D. research work/relevant experience etc.,
- iii) The selection process will be through walk-in personal interview for screened-in/shortlisted candidates.

c. **JRF with GATE/NET Qualified**

- i) Candidates who have completed the course and awarded degree in B.E./B.Tech./M.Sc. OR M.E./M.Tech. or equivalent and **qualified GATE/NET or qualified any national level examinations conducted by Central Government Departments and their Agencies and Institutions** as specified above are eligible to apply for JRF/SRF as per the details given above.
- ii) Screening/shortlisting will be done by a committee based on GATE/NET qualification, marks secured in degree, discipline/qualifications-wise, academic records, experience and assessment of research work (if any) already carried out and published by the candidates.
- iii) The selection process under this category will be through walk in personal interview for the screened/ shortlisted candidates.

d. **Selection of JRFs/SRFs through ARCI Conducted Fellowship Examination**

- i) Candidates who have completed the course and awarded degree/who are expected to complete their B.E./B.Tech./M.Sc. OR M.E./M.Tech. or equivalent by July/August 2025 and not having GATE/NET etc., are eligible to apply for JRF/SRF under this category. Selection process under this category will on merit basis through a Competitive Written Examination (CWE) to be conducted by ARCI.
 - ii) Screening/shortlisting for Competitive Written Examination will be done by a committee based on the marks secured in degree, discipline/qualifications-wise, academic records, experience and assessment of research work (if any) already carried out and published by the candidates.
 - iii) Based on the marks secured by the candidates in the Competitive Written Examination (CWE), Candidates will be shortlisted on merit basis for personal interview. In case, if large no. of candidates qualify the written examination, based on the cut off marks decided by ARCI to qualify, candidates in the ratio of 1:10 will be called for personal interview.
- e. Shortlisted candidates list for walk-in personal interview (for candidates with GATE/NET)/for Non-GATE/NET candidates for Competitive Written Examination(CWE) will be separately displayed on ARCI website.

- f. The shortlisted candidates will be informed by email about the time, date and venue of the written examination/Personal Interview etc.

Walk-in Interview Details

Sl. No.	Name of the post	Date of Walk-in Interview	Reporting Time for Interview	Walk-in Interview Venue
01.	Research Associate III Research Associate I	1 st August, 2025 (Friday, Forenoon)	0830 hours	ARCI, RCI-New Airport Road, Balapur, Hyderabad-500 005, Telangana
02.	Senior Research Fellow (with GATE/NET)	1 st August, 2025 (Friday, Afternoon)	1300 hours	
03.	Junior Research Fellow (with GATE/NET)	4 th & 5 th August, 2025	0830 hours	

III. Place of posting:

Depending on the requirements of the time-bound sponsored/in-house projects, the selected Research Associates, Research Fellows will be posted either at ARCI Hyderabad or ARCI Chennai Centres. Location-wise no. of posts tentatively to be filled are given above.

IV. Fellowship Tenure:

Initially, the selected fellows shall be engaged for a period of one year. However, the fellowship award shall be renewable annually, subject to satisfactory performance. The extended tenure shall be up to a maximum duration of time-bound sponsored project, subject to sponsored project requirements and availability of funds etc.

V. Registration for External M.S./Ph.D. Programme:

- i) Permission to register for an external M.S./Ph.D. program shall be granted strictly based on performance during the first year of joining.
- ii) Research fellows not securing admission to a M.S./Ph.D. program in first two attempts (M.S./Ph.D. entrance selection/tests) or in the first 12 months of their joining, shall not be permitted to re-apply for M.S./Ph.D. as an external candidate of ARCI.

VI. Application Processing Fee and Mode of Payment:

A Non-refundable application fee (for each post applied) shall be paid as follows through NEFT/RTGS :

For Research Associate/JRF/SRF:

General and OBC candidates : Rs. 500/- (Rupees five hundred only).

SC/ST/EWS : Rs. 200/- (Rupees two hundred only).

PwD and Women candidates are exempted from payment of Application processing fees.

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 Type : Savings Bank Account

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 if NEFT/RTGS amount is not received by us by **28th July, 2025** (for RA and GATE/NET candidates for JRF/SRF) and **7th August 2025** (for Non-GATE/NET candidates).

GENERAL TERMS AND CONDITIONS

1. The particulars furnished by the candidates in his/her online application form will be taken as final, and data entry is processed by the computer, based on these particulars only. Therefore, candidates should be careful while filling-in the details/uploading relevant documents etc. Candidates should also note that the details provided by them in their online application are taken at their face value and the onus of proving the correctness and authenticity of the same, as and when required, lies with the candidates.
2. In case, if the candidate is shortlisted for walk-in personal interview/Personal interview (after qualifying/screened-in in CWE conducted by ARCI) he/she shall bring hard copy of application submitted by online, duly supported by self-attested photocopies of educational (SSC/SSLC/ Matriculation, Degree), experience certificates (for all the experience claimed), caste (in case of SC/ST/OBC/EWS) certificate, passport size photograph, AADHAR Card/Any other Govt. issued ID document (for identity proof)/testimonials and produce all originals for verification. All the certificates to be submitted in original for verification at the time of personal interview. Any other document, if deemed necessary may be demanded by ARCI during the selection process/before joining.
3. **Age Limit:** Age should not exceed the limit indicated as on the closing date for submission of applications. However, upper age limit is relaxable by **5 years for SC/ST** and **3 years for OBC (Non-creamy layer)** candidates. Age relaxation for Persons with Disabilities shall be as per Govt. of India orders. Scanned copy of the relevant certificate in the prescribed form (duly attested photocopy) issued by the competent authority in support of the claim as belonging to SC/ST/OBC/EWS/PH must be uploaded.
4. Mere fulfilling the minimum prescribed qualifications/experience will not vest any right to a candidate for being called for a personal interview/for Competitive Written Examination.
5. Period of experience mentioned against the above said post(s) shall be counted from the date of acquiring the prescribed essential qualification as obtained from recognized universities/Institutions.
6. The total numbers of RA/JRFs/SRFs to be filled-in is provisional and the total number to be filled-in shall depend upon the actual requirement at the time of recruitment vis-à-vis the need and will also depend on the availability of requisite talent among those who have applied for the posts.
7. ARCI reserves the right to restrict the number of candidates to be called for personal interview to a reasonable limit. Therefore, ARCI reserves the right to call or not to call a candidate for walk-in personal interview/CWE.
8. If a candidate is presently working in a government organization, should submit **"No Objection Certificate"** at the time of personal interview.
9. ARCI reserves the right to revise/reschedule/cancel/suspend the engagement process, if the need so arises, without assigning any further notice or reason therefore.
10. Age limit, qualification and/or experience may be relaxed by the competent authority in case of Exceptionally meritorious candidates.
11. Since, the sponsored projects are time-bound with a short gestation period and committed deliverables requiring expertise in very specific fields. Accordingly, experience in relevant fields is very critical. Therefore amongst the candidates meeting the essential qualifications, those having requisite experience will be given preference over the other candidates.
12. After expiry of the fellowship term, the research associates/research fellows shall not have any right whatsoever to claim regular appointment or permanent absorption in ARCI/Sponsored Agency.

GENERAL TERMS AND CONDITIONS (Contd..)

13. Incomplete applications/late applications without valid GATE/NET Score card or without required essential documents shall not be considered.
14. No TA/DA will be paid for attending walk-in personal interview/CWE/personal interview or for joining (if selected).
15. In all matters relating to this advertisement and subsequent processing, the decision of the competent authority, ARCI will be final and binding
16. Canvassing or bringing in any influence in any form shall be considered as disqualification.
17. Candidates **are requested to note that, request for change of walk-in interview date/time/venue/mode of interview/CWE will not be entertained. Candidates short-listed for walk-in personal interview/CWE should make their own arrangements for accommodation and travel.**
18. Candidates are advised to visit ARCI website <http://www.arci.res.in/careers> periodically for further information and updates pertaining to this advertisement, (for information on amendment/list of short-listed candidates list for walk-in personal interview/Competitive Written Examination/details of personal interview Selected candidates' list etc.)

Last Date for Submission of Online Applications

(i) For Research Associates and by Candidates with GATE/NET Qualification for Direct Walk-in Interviews	28.07. 2025
(ii) by Non-GATE/NET Candidates opting for ARCI Fellowship Examination	07.08.2025

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