



**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-Airport Road, Balapur, Hyderabad-500 005, Telangana.



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Advt. No. ARCI/HRD/FELLOWSHIPS/1/2023

**ADVERTISEMENT FOR RESEARCH ASSOCIATES/JUNIOR/SENIOR RESEARCH FELLOWSHIPS
(Through ARCI Conducted Written Examination for Non-GATE/NET Candidates)
JRF/SRF Programme Leading to Ph.D.
Last Date for Submission of Online Applications 13th March, 2023**

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 Electroplated Coatings, Clean Energy Materials, Solid State Battery Technology, Biodegradable Alloys, Transparent Conductors, Ceramic Materials, PEM 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 Ph.D. Programme: Based on the performance of the candidates, the selected candidates shall also be encouraged to register for a 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 limited opportunities for registering for external Ph.D.

Selection process for JRF/SRF: will be based on Personal Interview for candidates having valid GATE/NET Score Card. Candidates without GATE/NET, will be selected on merit basis through a Competitive Written Examination to be conducted by ARCI and followed by Personal Interview.

Sl. No.	Tentative No. of Research Associates upto three (upto 03) ; No. of JRF/SRF Positions : upto fifteen (upto 15)		
	Details of Fellowships	Essential Educational Qualification & Experience	
01.	Research Associate Fixed Stipend: Rs, 47,000/49,000 54,000 + HRA* per month.	Degree Ph.D. or equivalent degree or having 3 years of research, teaching and design and development experience after M.E./M.Tech. with atleast one research paper in Science Citation Indexed (SCI) Journal.	Experience Shall have carried out Ph.D. research work or shall have experience in the areas of advanced materials relevant to the time-bound sponsored projects: (i) Alkaline Fuel Cells/PEM Fuel Cells. (ii) Solid State Lithium Batteries (iii) Extractive or Physical Metallurgy
		Junior Research Fellow (JRF) Upper Age Limit: 28 years Fixed Stipend: Rs, 31,000 + HRA* per month.	Degree First class B.E./ B.Tech./ M.E./ M.Tech. or equivalent in
OR			
First Class M.Sc. or equivalent in	Physics/Chemistry/Materials Science/ Nano Science/Physical Chemistry/Inorganic Chemistry		

		<p>Junior Research Fellow (JRF) (contd.. 2/-)</p> <p>And</p> <p>Having above qualifications & should have been selected through anyone of the following described process:</p> <p>a) Scholars who are selected through National Eligibility Tests-CSIR-UGC NET including lectureship (Assistant professorship), and GATE. Should possess a valid GATE/NET Score.</p> <p>OR</p> <p>b) The selection process through any National level examinations conducted by Central Government Departments/Agencies and institutions such as DST, DBT, DAE, DOS, DRDO, MHRD, ICAR, ICMR, IIT, IISc, IISER etc.</p> <p>(candidates who have undergone a or b process, will be shortlisted for personal interview)</p> <p>OR</p> <p>c) Selection of JRFs through ARCI Conducted Written Examination for NON-GATE/NET Candidates: Candidates with First class M.E./M.Tech./B.E./B.Tech./M.Sc. in above specified specializations, will be short-listed on merit basis through a Competitive Written Examination (CWE) to be conducted by ARCI and followed by Personal Interview.</p>
03.	<p>Senior Research Fellow (SRF) Upper Age Limit: 32 years Fixed Stipend: Rs. 35,000/-+ HRA* per month.</p>	<p>Qualification as prescribed for JRF (as stated above) with 2 years Research experience.</p>

* HRA shall be applicable as per Govt. norms.

Please Note: Ph.D./Engineering/Science students who are presently in their final year/semester and expected to complete their degrees by **May/June 2023** may also apply.

I. Application Procedure:

Eligible candidates may submit 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**
 - 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 in Science Citation Indexed (SCI) Journal are eligible for Research Associate-I/II/III.
 - ii) Screening/Shortlisting will be done by a Committee based on Ph.D. research work/relevant experience etc.,
 - iii) Selection process will be through personal interview for screened-in/shortlisted candidates.

II. Screening/Short-listing and Selection Process (contd...3/-)

c. JRF with Valid GATE/NET SCORE

- 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 **possessing valid GATE/NET Score** are eligible to apply for JRF/SRF as per the details given above.
- ii) Screening/shortlisting will be done by a Committee based on valid GATE/NET Score, 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) Selection process under this category will be through personal interview for the screened/shortlisted candidates.

d. Selection of JRFs through ARCI Conducted Written 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 in by May/June 2023 and not having GATE/NET are eligible to apply for JRF as per the details given above. Selection process under this category will be on merit basis through Written Competitive Examination (CWE) to be conducted by ARCI for the screened/shortlisted candidates followed by Personal Interview.
 - ii) Screening/shortlisting for 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) Selection process under this category will on merit basis through a Competitive Written Examination (CWE) to be conducted by ARCI. In case, if large no. of candidates qualify the written examination based on the cut off decided by ARCI, in order of merit in the ratio of 1:10 candidates will be called for personal interview.
- e. Shortlisted candidates list will be displayed on ARCI website.
- f. The shortlisted candidates will be informed by email, the time, date and venue of the written examination/Personal Interview etc.

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.

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 maximum duration of time-bound sponsored project, subject to sponsored projects requirements and availability of funds etc.

V. Registration for External Ph.D. Programme:

- i) Permission to register for external Ph.D. program shall be granted strictly based on performance during the first year of joining.
- ii) Research fellows not securing admission to a Ph.D. program in first two attempts (Ph.D. entrance selection/tests) or in the first 12 months of their joining, shall not be permitted to re-apply for 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 (Post codes 1 to 3):

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 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 amount is not received by us by 13th March, 2023.

VII. Other Terms & Conditions

- a. **Age Limit:** Upper age limit as above shall be as on the closing date of application. However, upper age is relaxable by **5 years for SC/ST** and **3 years for OBC (Non-creamy layer)** candidates, etc or as per Govt. of India rules. A copy of self-attested caste certificate should be attached with the online application.
- b. In case, if the candidate is shortlisted for interview, he /she shall bring hard copy of application submitted online, duly supported by self-attested photocopies of valid GATE/NET score card, educational certificates, passport size photograph, AADHAR Card/ Any other Govt. issued ID document (for identity proof)/testimonials and produce all originals for verification.
- c. Candidates may please note that depending on the requirements/availability of RA/JRF/SRF vacancies in time-bound sponsored projects/in-house projects (if any)/availability of funds, the number of RA/JRFs/SRFs positions to be filled-in will be decided.
- d. The total numbers of RA/JRFs/SRFs to be filled-in shall depend upon the actual requirement at the time of recruitment vis-à-vis the need and will depend on the availability of requisite talent among those who have applied for the posts.
- e. Mere fulfilling the minimum prescribed qualifications/experience will not vest any right in a candidate for being called for written examination/personal interview.
- f. ARCI reserves the right to permit or not to permit a candidate for written examination/personal interview.

- g. 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.
- h. **No TA/DA will be paid for attending written examination/personal interview or for joining if selected.**
- i. In all matters relating to this advertisement and subsequent processing, the decision of the competent authority, ARCI will be final and binding.
- j. Applications received late for whatsoever reason, without valid GATE/NET Score, or incomplete in any manner shall not be considered.
- k. Canvassing or bringing any influence in any form shall be considered as disqualification.
- l. Candidates are advised to visit ARCI website <http://www.arci.res.in/careers> periodically for further information and updates pertaining to this advertisement.

m. Last date for receipt of filled-in online applications is 13th March, 2023.
