



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

(An Autonomous R&D Centre of Department of Science & Technology, Govt. of India)  
Post : Balapur, Hyderabad-500 005, TELANGANA

Advt. No. ARCI/HRD/FELLOWSHIPS/1/2016

## Advertisement for Senior/Junior Research Fellowships

ARCI is looking to engage talented candidates, having a consistently good academic record and with a strong zeal and motivation to pursue innovative research, to contribute to its various ongoing programs. The selected candidates shall be awarded **Senior Research Fellowship (SRF)/Junior Research Fellowship (JRF)** depending upon their qualifications. Based on their performance, the selected candidates shall also be encouraged to register for a **Ph.D. Program** with one of the reputed Institutes/Universities with which ARCI has a tie-up. **Candidates selected with M.Tech./M.E./M.S. or M.Sc. will have better opportunities for registering for Ph.D. while those with B.Tech./B.E. will have very limited opportunities for registering for Ph.D.**

<b>No. of Fellows Required</b>	<b>Upto Thirty (30)</b>
<b>Qualification</b>	<b>For Senior Research Fellowship: First class M.E/M.Tech./M.S. or equivalent</b> <b>For Junior Research Fellowship: First class B.E/ B.Tech /M.Sc. or equivalent</b>
<b>Specialization *</b>	Engineering in Metallurgical & Materials/Ceramics/ Mechanical & allied branches/Chemical Engineering/Nanotechnology OR M.Sc. in Physics/ Chemistry/Materials Science/Polymer Chemistry/Electro-Chemistry/Organic Chemistry/Engineering Physics/Nanoscience.
<b>Monthly Stipend (Consolidated)</b>	<b>Rs. 36,700/- p.m. for Senior Research Fellowship (SRF)</b> <b>Rs. 32,800/- p.m. for Junior Research Fellowship (JRF) to candidates with NET/GATE qualification.</b> <b>Rs. 30,000/- p.m. for Junior Research Fellowship (JRF) to candidates without NET/GATE qualification.</b>
<b>Duration of the Fellowship Period</b>	Initially, the selected fellows shall be engaged for a period of one year. However, subject to satisfactory performance, the fellowship award shall be renewable annually upto a maximum period of <b>3 years</b> . In case of candidates who register for Ph.D., the fellowship award may be extended upto 5 years from the actual date of registration to the Ph.D. programme.
<b>Research Area in which the selected candidate will be working</b>	Nanomaterials, Carbon materials, Ceramic Processing, Non-oxide ceramics, Engineered Coatings, Sol-Gel Coatings, Laser Processing of Materials, Hydrogen & Fuel Cells, Solar Energy Materials, Automotive Energy Materials.
<b>Who are eligible?</b>	<ol style="list-style-type: none"> <li>1. Engineering/Science students who have completed their M.E./M.Tech./M.S. or B.E./B.Tech./M.Sc. or equivalent during the <b>past three years (not earlier than 2014)</b> and possessing subsequent continuous research experience from the date of qualifying.</li> <li>2. Engineering/Science students who are presently in their final year/semester and expected to complete their degrees by <b>July 2016</b>.</li> <li>3. <b>NET/GATE</b> qualified candidates shall have an added advantage.</li> </ol>
<b>Other Terms &amp; Conditions</b>	<ul style="list-style-type: none"> <li>• Permission to register for a Ph.D. program shall be granted strictly based on performance during the first year of joining.</li> <li>• Research fellows not securing admission to a Ph.D. program in first two attempts (Ph.D. entrance selection/tests) or the <b>first 12 months</b> during their tenure shall not be permitted to re-apply for Ph.D. as an external candidate of ARCI.</li> <li>• After expiry of the fellowship term, research fellows shall not have any right whatsoever to claim regular appointment or permanent absorption in ARCI.</li> <li>• All outstation candidates called for interview shall be reimbursed second class to &amp; fro train/bus fare by shortest route.</li> </ul>

	<ul style="list-style-type: none"><li>Selected candidates will be posted at ARCI Centres either at Hyderabad or Chennai, depending upon the project to which they are assigned.</li></ul>
<b>Important Dates</b>	Last date for receipt of filled in applications is <b>9<sup>th</sup> August, 2016.</b> Interviews for selection will be held in <b>September/October 2016 at HYDERABAD.</b>

\* Candidates are requested to note that specializations other than above i.e. who have engineering degree in ECE, EEE, Biotechnology, Civil, Textiles, Plastics, Information Technology, Computer Science, Medicinal/Pharmaceutical/Bio-Chemistry need not apply as we do not have projects matching these fields.

**HOW TO APPLY :** Interested candidates fulfilling the above eligibility criteria shall submit their applications, duly completed in all respects through **email or by post (please download the application format)**. The application should contain complete and definite information in respect of each of the columns.

**Through Email:** This is the preferred mode of submission. Completed Applications shall be submitted **as an attached word document file or PDF file** by email to :  
**rectt@arci.res.in**

**By Post:** In case of any difficulty in email submission the same may please be sent to:  
**THE DIRECTOR-ARCI, Post Box No. 312, Hyderabad GPO, HYDERABAD-500 001  
TELANGANA, India so as to reach on or before 09.08.2016.** The applications should be sent by **ordinary post only** in a sealed cover superscribed "Application for the post of \_\_\_\_\_" (name of the post applied for).

## GENERAL TERMS AND CONDITIONS

1. Candidates shall use prescribed application form only.
2. For email submission, insert scanned photo and signature (if possible) at the space provided in the application form at page no. 1 and scanned signature at page no. 4. Application can be sent **as an attached word document file or PDF file** (not in picture formats like JPEG, TIFF etc.).
3. In case of application submitted through email, a hardcopy of the application, duly supported by attested copies of educational qualifications, experience, caste (in case of SC/ST/OBC) certificates etc., will have to be submitted by short-listed candidates at the time of interview.
4. Merely fulfilling the minimum prescribed qualifications/experience will not vest any right in a candidate for being called for personal interview. ARCI reserves all rights to screen the applications and short-list candidates to be called for personal interview.
5. Number of fellowships indicated in this advertisement is provisional and may vary as per the actual requirement at the time of final selection or availability of requisite talent among those who have applied for the fellowships.
6. Candidates should note that the details provided by them in their 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.
7. Only outstation candidates called for personal interview will be paid single to & fro second class rail fare/ordinary bus fare by shortest route as admissible, on production of tickets.
8. In all matters relating to this advertisement and subsequent processing, the decision of the Competent Authority, ARCI will be final and binding.
9. **Applications received late for any reason whatsoever, or incomplete in any manner, shall not be considered. Interim enquires will not be entertained.**
10. **Canvassing in any form shall be considered as disqualification.**
11. Candidates are advised to visit ARCI website <http://www.arci.res.in/rectruitment> periodically for further information and updates in this regard.
12. **Last date for receipt of filled-in applications is 9<sup>th</sup> August, 2016.**