



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

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

Advt No. ARCI/HRD/FELLOWSHIPS/1/2014

## Advertisement for Senior/Junior ARCI 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 programmes. The selected candidates shall be awarded **Senior ARCI Fellowship (SAF)/Junior ARCI Fellowship (JAF)** depending upon their qualifications. Based on their performance, the selected fellows shall also be encouraged to register for a Ph.D. programme with one of the reputed institutes/universities with which the centre has a tie-up.

<b>No. of fellows required</b>	Up to Forty (40)
<b>Qualification</b>	For Senior ARCI Fellowship: First class M.E./M.Tech./M.S. or equivalent For Junior ARCI Fellowship: First class B.E./B.Tech./M.Sc. or equivalent
<b>Specialization</b>	Mechanical/Metallurgical/Ceramics/Chemical Engineering OR Nanoscience/ Nano-technology OR Materials Science/Polymer Chemistry/Electro-Chemistry/ Organic Chemistry/Engineering Physics/Chemistry
<b>Monthly stipend (consolidated)</b>	Rs 25,000 p.m. for Senior ARCI Fellowship (SAF) Rs 22,000 p.m. for Junior ARCI Fellowship (JAF) to candidates with NET/GATE qualification. Rs 20,000 p.m. for Junior ARCI Fellowship (JAF) to candidates without NET/GATE qualification.
<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 up to a maximum period of 3 years. In case of candidates who register for Ph.D., the fellowship award may be extended up to 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, Ceramics Processing, Non-oxide Ceramics, Engineered Coatings, Sol-Gel Coatings, Laser Processing of Materials, Hydrogen and Fuel Cells, Solar Energy, Automotive Materials.
<b>Who are eligible?</b>	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 past three years (not earlier than 2012) and possessing subsequent continuous research experience from the date of qualifying. 2. Engineering/Science students who are presently in their final year/semester and expected to complete their degrees by <b>June/July 2014</b> . 3. NET/GATE qualified candidates shall have an added advantage.
<b>Other terms and conditions</b>	<ul style="list-style-type: none"> <li>• Permission to register for a Ph.D. programme shall be granted strictly based on performance during the first year of joining.</li> <li>• Research fellows not securing admission to a Ph.D. programme during the first 12 months of 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 and fro train/bus fare by shortest route.</li> <li>• Selected candidates will be posted 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>20 June 2014</b> . Interviews for selection will be held in <b>July/August 2014</b> at Hyderabad.

For application form and submission details, visit our website: <http://www.arci.res.in/careers.html>