



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/1/2012

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 time-bound sponsored projects as well as its in-house major programs. 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.

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| No. of fellows required | Up to Fifty (50) |
| Qualification | 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 |
| Specialization | Mechanical/Metallurgical/Ceramic/Chemical Engineering OR Nanoscience/Nanotechnology OR Materials Science/Physical Chemistry/Polymer Chemistry/Applied Chemistry/Electro-Chemistry/Physics/Chemistry |
| Monthly stipend (Consolidated) | 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. |
| Duration of the Fellowship period | 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 3 years. In case of candidates who register for Ph.D., the fellowship award may be extended up to 5 years. |
| Research area in which the selected candidate will be working | Nanomaterials, Ceramics Processing, Engineered Coatings, Sol-Gel Coatings, Laser Processing of Materials, Fuel Cells, Solar Energy, Automotive Materials and Intellectual Property Management. |
| Who are eligible? | <ol style="list-style-type: none">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 2010) 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 June/July 2012.3. NET/GATE qualified candidates shall have an added advantage. |
| Other terms and conditions | <ul style="list-style-type: none">• Permission to register for a Ph.D. programme shall be granted strictly based on performance during the first year of joining.• 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.• After expiry of the fellowship term, research fellows shall not have any right whatsoever to claim regular appointment or permanent absorption in ARCI.• All outstation candidates called for interview shall be reimbursed second class to & fro train/bus fare by shortest route.• Selected candidates will be posted either at Hyderabad or Chennai, depending upon the project to which they are assigned. |
| Important dates | Last date for receipt of filled in applications is 15 May 2012 . Interviews for selection will be held in June/July 2012 at Hyderabad. |

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

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