



**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

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. programme 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.

No. of fellows required	Up to Thirty (30)
Qualification	For Senior Research Fellowship: First class M.E./M.Tech./M.S. or equivalent For Junior Research Fellowship: First class B.E./B.Tech./M.Sc. or equivalent
Specialization*	Engineering in Metallurgical and Materials/Ceramics/Mechanical and allied branches/Chemical Engineering/Nanotechnology OR M.Sc. in Physics/Chemistry/Materials Science/Polymer Chemistry/Electro-Chemistry/Organic Chemistry/Engineering Physics/Nanoscience
Monthly stipend (Consolidated)	Rs 36,700 p.m. for Senior Research Fellowship (SRF) Rs 32,800 p.m. for Junior Research Fellowship (JRF) to candidates with NET/GATE qualification. Rs 30,000 p.m. for Junior Research Fellowship (JRF) 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 from the actual date of registration to the Ph.D. programme.
Research area in which the selected candidate will be working	Nanomaterials, Carbon materials, Ceramic processing, Non-oxide ceramics, Engineered Coatings, Sol-Gel Coatings, Laser Processing of Materials, Hydrogen and Fuel Cells, Solar Energy Materials, Automotive Energy Materials.
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 2014) 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 July 2016. 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 in first two attempts (Ph.D. entrance selection/tests) or the first 12 months during 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 and fro train/bus fare by shortest route. • Selected candidates will be posted at ARCI centres 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 9 August 2016 . Interviews for selection will be held in September/October 2016 at Hyderabad.

For complete details, log on to: <http://www.arci.res.in/recruitment>