



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/1/2018

Engagement of Senior/Junior Research Fellows

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 in time-bound sponsored projects in various emerging areas related to advanced materials. 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.**

No. of Fellows Required	Upto Twenty (20)
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 & 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.
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 upto 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 & 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 2016) 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 2018. 3. NET/GATE qualified candidates shall have an added advantage.
Other Terms & Conditions	<ul style="list-style-type: none"> • Permission to register for a Ph.D. program shall be granted strictly based on performance during the first year of joining. • Research fellows not securing admission to a Ph.D. program 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 personal interview shall be reimbursed second class to & fro train/bus fare by shortest route. • Selected candidates will be posted at ARCI Centres either at Hyderabad or Chennai, depending upon the sponsored project to which they are assigned.
Important Dates	Last date for receipt of filled in applications is 08.05.2018 . Interviews for selection will be held in July/August 2018 at HYDERABAD .

* 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.

ARCI strives to have a workforce which reflects gender balance and women candidates are encouraged to apply.

HOW TO APPLY: The Interested candidates fulfilling the above eligibility criteria shall necessarily submit their applications **ONLINE ONLY**. The online application should contain complete and definite information in respect of each of the columns. **Applications received through any other mode (other than online) will not be accepted and summarily will be rejected.**

Before filling in the Online application, candidates are advised to read carefully the following instructions for online submission and general terms and conditions.