



जवाहरलालनेहरुउन्नतवैज्ञानिकअनंधानकेंद्र

(विज्ञानप्रौद्योगिकीविभाषा, भारतसरकारकीस्वायत्तसंस्थान-
मान्यताप्राप्तविश्वविद्यालय)

Jawaharlal Nehru Centre for Advanced Scientific Research

(An Autonomous Institute under Dept. of Science & Technology, Govt. of India – A
Deemed University)

जकूरपरसर, बेंगलूरु-560064, भारत/Jakkur Post, Bengaluru-560064, INDIA

Advt.No. CPMU/EMR/001

Date: 23/03/2021

Applications are invited for temporary position of **Research Associate** sanctioned in the NSM sponsored project titled “Molecular Materials and Complex Fluids of Societal Relevance: HPC and AI to the Rescue” under the Principal Investigator Prof. Balasubramanian Sundaram, Chemistry & Physics of Materials Unit, JNCASR, Jakkur, Bengaluru, 560 064.

Sl. No	Position and Eligibility	Max. Age limit	No. of positions
1	Research Associate (Remuneration Rs.47,000/-, Rs.49,000/- and Rs.54,000/- plus 24% HRA). Remuneration will be fixed based on experience		
	<u>Essential Qualification:</u> 1. Ph.D. after M.Sc. along with CSIR/UGC-NET JRF Exam AIR less than 1000 OR GATE AIR less than 1000, within the last 6 years, either of these National Tests written in Physics/Chemistry/Mathematics 2. OR Ph. D. in Engineering along with GATE AIR < 1000, within the last 6 years. GATE exam should have been written in: Electrical/CompSci/ECE/Mechanical/Metallurgy discipline. Candidates should possess an aptitude for scientific research. Under #2 above, exceptional candidates with a Masters degree in Engineering with GATE AIR < 1000, within the last 3 years can also be considered. Other criteria listed under #2 above, remaining the same. Such candidates, if selected, will be offered position(s) according to their qualifications and experience, as per norms of JNCASR.	35 years	01

<p>Persons who have just submitted their Ph.D. thesis and awaiting its defense can also apply. Such candidates, if selected, will be offered position(s) according to their qualifications and experience, as per norms of JNCASR.</p> <p>For candidates with Ph.D., prior research should have involved considerable computational work (in Physics/Chemistry/Materials Science/Engineering). Experience in Floating-point numerical calculations is essential. Proficiency in Computer Programming (in C++ or Fortran90 or Python) is essential.</p> <p><u>Desirable Qualification:</u> Experience with molecular simulations of complex fluids, machine learning techniques is desirable.</p>		
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Interested candidates are required to send scan copy of duly filled in Template (available on website) along with scan copies of original testimonials in support of educational qualification, age, experience, publication, etc with brief resume to Prof. Balasubramanian Sundaram, Chemistry & Physics of Materials Unit through email, bala@jncasr.ac.in latest by 30/03/2021

Date: 23/03/2021

Signature of the PI

Instructions to candidates:

- 1) List of shortlisted candidates will be posted on the Website with interview date.
- 2) Shortlisted candidates will be invited for online interview/technical discussion/personal interaction.
- 3) Those in employment or pursuing Ph.D, must submit 'No Objection Certificate' from the employer/Ph.D. Supervisor (applies to only outside candidates)