



जवाहरलाल नेहरू उन्नत वैज्ञानिक अनुसंधान केंद्र

जक्कूर, बेंगलुरु - 560064 कर्नाटक, भारत

विज्ञान एवं प्रौद्योगिकी विभाग, भारत सरकार के अधीन एक स्वायत्त संस्थान
सम विश्वविद्यालय संस्था

Jawaharlal Nehru Centre For Advanced Scientific Research

Jakkur, Bengaluru - 560064 Karnataka, INDIA

An autonomous institution under Department of Science and Technology, Govt. of India.
An Institution Deemed-to- be-University



Advt. No.EMU/014

Date 12.09.2024

Application are invited for a temporary position of Research Associate **III**, under the guidance of Prof. Ganesh Subramanian, Engineering Mechanics Unit, JNCASR, Jakkur, Bengaluru- 560064.

Sl. No	Position and Eligibility	Max. Age limit	No. of positions
1.	Research Associate III (Remuneration Rs.67000/-p.m plus 27% HRA)		
	Essential Education Qualifications: Candidates should hold a PhD in Chemical or Mechanical Engineering, Applied Mathematics or Theoretical Physics, or allied disciplines, with sufficient post-doctoral experience. Desirable Qualification: Due to the nature of the research involved, candidates must possess at least two years of post-doctoral experience in Microhydrodynamics, including expertise in theoretical and computational methods (such as BEM simulations) related to the motion of particles and drops in shearing flows of both Newtonian and non-Newtonian fluids. This expertise should be evidenced by publications in top-tier journals (Q1-journals) like the <i>Journal of Fluid Mechanics</i> , <i>Journal of Non-Newtonian Fluid Mechanics</i> , or <i>Physical Review Fluids</i> . While candidates under 40 years of age are preferred, relaxation of the age limit may be considered for exceptional candidates with demonstrated research experience in the aforementioned areas.	40 years	01

Interested candidates are required to send a scanned copy of the duly filled-in application form (available on the Centre website), along with scanned copies of original testimonials in support of educational qualifications, age, experience, publications, etc, and a brief resume, to **Prof. Ganesh Subramanian, Engineering Mechanics Unit, JNCASR**, through email, to sganesh@jncasr.ac.in with a copy marked to emuoffice@jncasr.ac.in, latest by September 27th 2024.

Instructions to candidates:

1. Shortlisted candidates will be invited for a technical interview with a committee which will make the final selection.

Sd/-

Signature of faculty Member

Date: 12.09.2024