



जवाहरलाल नेहरू उन्नत वैज्ञानिक अनुसंधान केंद्र

जक्कूर पोस्ट, बेंगलूरु - 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 P.O., Bengaluru - 560064, Karnataka, INDIA

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



Advertisement for the position of Postdoctoral Fellow to work under the Indo-ISIS project at Rutherford Appleton Laboratory (RAL), UK

Applications are invited from Indian nationals for the position of Postdoctoral Fellow to be placed at Neutron and Muon Facilities, Rutherford Appleton Laboratory (RAL), UK, under the Nano Science & Technology Division of the Department of Science & Technology, Government of India.

ELIGIBILITY and OTHER DETAILS:

The applicant should hold a Ph.D. degree in Science or Engineering with an excellent academic record and have experience using neutron and/or muon spin rotation (MuSR) techniques for material characterization, including Nano Science and Technology. Preference will be given to those Early Career Status, within five years from the date of their Ph.D. degree award.

The selected candidate will be engaged in a research program involving the major use of neutrons and/or muon at the ISIS facility of RAL, UK. During the stay at ISIS, in addition to his/her work, the candidate will interact closely with the other users from India and help them collect and analyze their data. When the beamlines are not operational, the selected candidate will be engaged in research activities at JNCASR, Bengaluru.

The present term of the position is until September 30, 2023 in line with the term of the project. However, if the project term is expended/new phase of the project is sanctioned, the term of the Fellowship will be extended, based on the performance of the candidate.

The Fellowship carries a consolidated monthly remuneration of £2000 per month (including subsistence allowance) for working at the ISIS Facility of RAL, UK. When the candidate is posted at JNCASR, India, he/she will be paid a Fellowship of Rs. 55,000/- p.m.

PROCESS OF SELECTION:

The candidate will be selected based on the recommendation of a Selection Committee after the scrutiny of their bio-data and performance in the interview. The applicant's academic and research records will be the critical factors for short-listing applications.

MODE OF APPLICATION:

Candidates may submit their application in the prescribed format given below (in the word format) through e-mail along with bio-data, a list of publications (attach reprints of 2 important papers), copies of certificates (B.Sc., M.Sc., M.Tech, Ph.D.), one-page synopsis of the Ph.D. thesis, a summary of research carried out, etc., in the pdf format, in a single file, with the subject line "Application for DST PDF-Indo ISIS Project" to **india-ral@jncasr.ac.in** addressed to Prof. A. Sundaresan, Principal Coordinator, RAL Project, Jawaharlal Nehru Centre for Advanced Scientific Research, Jakkur P.O., Bengaluru 560 064.

The candidate should attach the recommendation of at least two referees supporting the candidature along with the application.

The last date for receiving applications is February 10, 2023.

