



**Jawaharlal Nehru Centre for  
Advanced Scientific Research**  
(A Deemed University)  
Jakkur Post, Bengaluru 560 064

Advt. No. 016/2017

Date: 12.09.2017

**Postdoctoral Fellowship in Neutron and  
MuSR Science to work under Indo-ISIS project at Rutherford  
Appleton Laboratory (RAL), UK**

Applications are invited for Postdoctoral Fellowship in Nano-materials using neutron and muon facilities at Rutherford Appleton Laboratory (RAL), UK.

The fellowships are awarded under the Mission on Nano Science and Technology (Nano Mission) of the Department of Science and Technology, Government of India.

**Eligibility and other details**

The applicants should hold a Ph.D. degree in Science or Engineering with some research experience in neutron/MuSR with a very good academic record and have interests in using neutron and MuSR techniques in Nano Science and Technology. They should be below 40 years of age and have evident capabilities in the relevant areas.

The selected candidate(s) will be engaged in a research programme that involves major use of neutron and/or muon at the ISIS facility of RAL, UK. During this stay at ISIS, in addition to his/her work, the candidate will be trained in a wide range of beamlines available to Indian researchers. The candidate will interact closely with the other users from India and help them in collecting and analysing data.

The term of the fellowship is for one year and depending on the performance of the candidate the fellowship may be extended for the second year. The fellowship carries a consolidated monthly stipend of £2000 per month (inclusive of subsistence allowance).

**Mode of selection**

The candidates will be selected based on the recommendations of a Selection Committee after the scrutiny of their bio-data, research proposal and performance in the interview.

**Mode of application**

Candidates may submit their application 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.

A declaration stating that if selected for the fellowship, the candidate will complete the tenure of the fellowship should also be furnished.

The fellowships are expected to start from **1 December 2017**. Applications along with the enclosures should be in sent in the pdf form with subject line 'Application for DST PDF' to [india-ral@jncasr.ac.in](mailto:india-ral@jncasr.ac.in). The last date for receiving applications is **31 October 2017**.