**Advertisement for the position of Postdoctoral Fellow to work under 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 Mission on Nano Science & Technology (Nano-Mission) of the Department of Science & Technology, Government of India.

**ELIGIBILITY and OTHER DETAILS:**

The applicant should hold Ph.D. degree in Science or Engineering with very good academic record and have interests in using neutron and MuSR techniques in Nano Science and Technology. Candidates with experience in diffraction/scattering techniques with Neutron sources and/or MuSR techniques will be preferred. The applicant should be below 40 years of age and have evident capabilities in the relevant areas.

The selected candidate will be engaged in a research program that involves major use of neutron and or muon at the ISIS facility of RAL, UK. During the stay at ISIS, in addition to his/her work, the candidate will be trained in a wide range of beam lines available to Indian researchers. The candidate will interact closely with the other users from India and help them in collecting and analysing data. When the beamlines are not in operation, the selected candidate will be engaged in research activities at JNCASR, Bengaluru.

The term of the position is presently until September 30, 2023. The Fellowship carries a consolidated monthly remuneration of £2000 per month (inclusive of subsistence allowance). When the candidate is posted in India, they will be paid 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. Applicant’s academic and research record will be the key factors for consideration of the application.

**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 etc. Application should be in the prescribed format given below.

The candidate should request to two referees to send their confidential evaluation by email directly to <i**ndia-ral@jncasr.ac.in>** with the subject line “Reference Letter for Post Doc Application”.

Applications along with the enclosures should be sent through e-mail in the pdf form with subject line “Application for DST PDF-Indo ISIS Project” to <i**ndia-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 last date for receiving applications is April 10, 2023.

FORMAT FOR SUBMISSION OF APPLICATION

(To be filled by applicant)

**APPLICATION FOR POSTDOCTRAL FELLOW UNDER INDO-ISIS PROJECT AT RUTHERFORD APPLETON LABORATORY (RAL), UK**

**Attach enclosures where necessary**

01. Name of applicant:

02. Address for correspondence:

03. Date of birth:

04. Sex (M/F):

05. Contacts: (Mobile: Telephone: E-mail):

06. Employment details:

Positions held, Employer/place of work, Duration, Area/nature of work,

Remarks (Regular/ Contract):

07. Academic qualifications (from degree level):

Name of the Degree/Diploma, Name of the institution, Year of passing, Subjects, Div/Grade/ %:

08.Broad area of research interests:

09. Specific area of research:

10. Details of Ph D Guide /Supervisor:

11. Ph.D thesis:

Title, Thesis submitted on, Thesis awarded on, (Date Month Year)

12. Brief summary of your current areas of research: (Not more than 100 words)

13. State any other relevant aspects which may be useful for the reviewer to make a qualitative judgment on the application

15. Detailed Bio-data of the applicant (Enclose as separate annexure) to include:

Publications list (Title of paper, authors, Journal details, pages, year etc. Attach reprints of 2 important papers), Honours and awards, Patent list if any: Enclose a sheet if required.

Copies of certificates (B.Sc., M.Sc./M.Tech,Ph.D): (Attach Copies)

Details of Research Projects being implemented/ completed/ submitted by the Investigator including Name of the Institute (Not more than 4 pages):

16. Name of the referees with their address:

1.

2.

**Certificate**

The above information given by me are true to the best of my knowledge and if selected, I will assure to complete the tenure.

Date: Signature of the applicant

Place: (Name in Block Letters)