



**जवाहरलाल नेहरु उन्नत वैज्ञानिक अनुसंधान केंद्र**  
(विज्ञान एवं प्रौद्योगिकी विभाग, भारत सरकार की स्वायत्त संस्थान - मान्यता प्राप्त विश्वविद्यालय)

**Jawaharlal Nehru Centre for Advanced Scientific Research**  
(An Autonomous Institute under Dept. of Science & Technology, Govt. of India - A Deemed University)

जक्कूर परिसर, बेंगलूरु 560 064, भारत/Jakkur Post, Bengaluru 560 064, INDIA

### **Postdoctoral Fellows to work under project to perform experiments on Synchrotron X-ray at India@DESY Hamburg, Germany**

Applications are invited for Postdoctoral Fellows in the project 'Indian Beamline for Nano Science and Technology at PETRA-III at DESY Hamburg, Germany, Phase-II' to be placed at DESY, Hamburg, Germany under the Mission on Nano Science and Technology (Nano Mission) of the Department of Science & Technology, Government of India. The project is coordinated by the Jawaharlal Nehru Centre for Advanced Scientific Research. The project aims to hire 2 to 4 Postdoctoral Fellows.

#### **Eligibility and other details**

The applicants should either hold a Ph.D. degree in Science or Engineering (preferably in the areas of Physics, Chemistry or Materials Science) or have submitted the Ph.D. thesis, involving significant research experience in synchrotron X-ray based techniques. Preference will be given to the candidates having significant experience in using synchrotron X-ray studies. The candidate (below 35 years of age as on 31 July 2021) should have a very good academic record and proven interests in Nano Science and Technology.

The selected candidates are required to carry out experiments in PETRA-III DESY on behalf of the Indian researchers located in various institutes in the country. The selected person may not have their own beamtime to carry out research activities. The term of the fellowship is initially for six months and depending on the performance of the candidate and the term of the project, the fellowship may be extended.

#### **Remuneration**

Selected candidates when posted in DESY will be paid Subsistence Allowance as per project guidelines (presently 100 USD per day).

The candidates will have affiliation of JNCASR and will be paid salary of Research Associate (RA) as per DST norm if they have Ph.D. degree when they are posted in India. Those who have submitted the Ph.D. thesis but not awarded the degree yet, will be paid remuneration of RA (provisional) as per the norms of JNCASR.

#### **Mode of selection**

The candidates will be selected based on the recommendations of a Selection Committee after the scrutiny of their bio-data, research experience and performance in the interview. Applicant's academic and research record in X-ray synchrotron related experiments, will be the key factors for consideration of the application.

#### **Mode of application**

Interested candidates may submit their application along with an updated bio-data, a list of publications (attach reprints of 2 important papers), copies of all the certificates (B.Sc., M.Sc., Ph.D.), one-page synopsis of the Ph.D. thesis, and a summary of research carried out. The candidate should request one referee to send their confidential evaluation directly to the address given below. A declaration stating that if selected for the fellowship, the candidate will complete the tenure should also be furnished.

Applications along with the enclosures in the pdf form be sent to the Faculty Coordinator of the project: **Prof. Kanishka Biswas**, New Chemistry Unit, Jawaharlal Nehru Centre for Advanced Scientific Research, Jakkur, Bengaluru 560 064, India and through an e-mail, with subject line 'Application for Postdoc in PETRA-III DESY' to india-desy@jncasr.ac.in.

The last date for receiving applications is **31 July 2021**.