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**JAWAHARLAL NEHRU CENTRE FOR ADVANCED SCIENTIFIC RESEARCH**

**(A DEEMED UNIVERSITY)**

# Jakkur Post, BANGALORE 560 064

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

Applications are invited for two Postdoctoral Fellows in the project "Indian Beamline for Nano Science and Technology at PETRA III at DESY Hamburg, Germany, Phase -II" under the Nano and Advanced Materials Division (NAMD), of the Department of Science and Technology, Government of India. The project is coordinated by the JNCASR. The term of the Post-doctoral Fellows will be initially for a period of one year.

**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 experience in using synchrotron X-ray studies. The candidate (below 35 years of age as on 15th September, 2025) should have a very good academic record and proven interest in Synchrotron X-ray studies.

The selected candidates are required to facilitate experiments in PETRA-III DESY conducted by Indian researchers. The selected person may not have their own beamtime to carry out research activities. The term of the fellowship is initially for one year and depending on the performance of the candidate and the project duration, the fellowship may be extended.

**Remuneration:**

Selected candidates will be paid a consolidated remuneration of Rs.80,000/- p.m. (including HRA). In addition, when posted in DESY, they will be paid per diem of 75 Euros per day. Those who have submitted the Ph.D thesis but not awarded the degree, will be paid remuneration of Rs.60,000/- p.m.

**Mode of Selection:**

The candidates will be selected based on the recommendation of a Selection Committee after the scrutiny of their biodata, research interest and performance in the interview. Applicant's academic and research record in X-ray synchrotron related experiments, will be the key factor for selection.

**Mode of Application:**

Interested candidates may submit their application along with a recent biodata, 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 Principal Coordinator of the India-DESY project, Jawaharlal Nehru Centre for Advanced Scientific Research, Jakkur, Bengaluru 560 064, India through an e-mail, with subject line “Application for Postdoc in PETRA -III DESY” to the e-mail address [[**india-desy@jncasr.ac.in**](mailto:india-japan@jncasr.ac.in)].

The last date for receiving applications is **August 25,2025.**

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For Mode of Selection, Remuneration, Eligibility and other details please click the below link:

The last date for receiving applications is **15th September, 2025.**