



SAHA INSTITUTE OF NUCLEAR PHYSICS
(Aided Institute under Department of Atomic Energy, Government of India)
Sector-1, Block-AF, Bidhannagar
Kolkata-700 064.

Sub : Temporary “Post-Doctoral Position” under DST Sponsored Project at the Indian Beamline at Photon Factory, Japan.

An Indian beamline has been set up at “Photon Factory” synchrotron radiation facility (Beamline L18B) (http://pfwww.kek.jp/users_info/users_guide_e/station_spec_e/index.html) in Japan for catering the need of Indian scientists in the subject areas of (i) Powder diffraction including diffraction from nanomaterials at various sample environment like low/high temperatures (10 K to 300K and 300 K to 1373 K) and high pressures (up to 30 GPa). (ii) Diffraction from single crystals including epitaxial multilayers. (iii) X-ray reflectivity and diffuse scattering from solid surfaces/interfaces and (iv) a special set up to carry out reflectivity, diffuse scattering and grazing incidence diffraction studies of liquid surfaces. The project is sponsored by Department of Science and Technology (DST), Govt. of India with Saha Institute of Nuclear Physics being the nodal institute implementing the same.

Applications are invited from eligible candidates (Bonafide Indian nationals only) on plain paper to work on the project. Candidates with Ph.D. degree will work in the capacity of Research Associate for a minimum period of one year for carrying out scientific responsibilities and to support users of the Indian beamline. The candidate may or may not possess any permanent position in India. A panel of personnel will be selected by a committee on the basis of qualification and experience in similar projects. The selected candidate will also get a fixed amount of beamtime to carry out his/her own research activities. Interested candidates should apply with an updated CV and arrange to send 2 letters of recommendations. Those holding a permanent position should apply through proper channels, preferably sending an advanced copy by email.

Remuneration Details:

- i. Candidates holding Ph.D. degree: Fellowship Rs. 22,000/- p.m + HRA. When posted at KEK, a subsistence allowance of JPY 3,15,000 p.m. in addition to the regular fellowship.
- ii. Candidates who has submitted Ph.D thesis but not holding the degree: Fellowship Rs. 21,000/- p.m + HRA. When posted at KEK, a subsistence allowance of JPY 2,25,000 p.m. in addition to the regular fellowship.
- iii. Personnel holding a permanent position in India with Ph.D. degree: When posted at KEK, a subsistence allowance of JPY 3,15,000 p.m. in addition to the regular salary from the institution where the position is held, subjected to the permission from the institution.

Address for sending application: Principal Investigator, Indian Beamline at Photon Factory, Surface Physics Division, Saha Institute of Nuclear Physics, 1/AF, BidhanNagar, Kolkata 700 064, INDIA. Candidates should also send a copy of the application through email to india.japan@saha.ac.in Last date for receiving the application by post: 14th June, 2013