



**SAHA INSTITUTE OF NUCLEAR PHYSICS**  
(Aided Institute under Department of Atomic Energy, Govt. 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](http://pfwww.kek.jp/users_info/users_guide_e/station_spec_e/index.html) in Japan for catering the need of Indian scientist in the subject areas of (i) Powder diffraction including diffraction from nanomaterials at various sample environment like low / high temperatures (10 K to 300 K 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, 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 Beamline 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 e-mail.

**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 e-mail to [India.japan@saha.ac.in](mailto:India.japan@saha.ac.in). Last date for receiving the application by post : **14th June, 2013.**

No. SINP/Estt./Advt.(IBPF)/08/2013      REGISTRAR

## Thapar University, Patiala

### One Year P.G. Diploma in Plant Transgenic Technologies (UGC Innovative Course)

Admissions opened for 2013-14

**Applications:** The course will provide students the recent know-how in the area of plant biotechnology. The curriculum is designed in such a way that the students completing this course will be well equipped to undertake the research in the frontier areas of plant biotechnology including genomics, proteomics and bioinformatics and will be in demand by plant biotechnology based industry.

**Eligibility:** A first class (60% and above) M.Sc. degree in any area of Life Sciences.

**Intake:** 20 students.

Last date to apply: **30 June 2013.**

For complete information and application form, please visit : [www.thapar.edu](http://www.thapar.edu)

Please contact: **Prof. M.S. Reddy**, Department of Biotechnology & Environmental Sciences, Thapar University, Patiala (Punjab) 147 004, Ph. 0175-239 3743, 239 3736, 239 3043, e-mail: [hcore@thapar.edu](mailto:hcore@thapar.edu); [hbtesd@thapar.edu](mailto:hbtesd@thapar.edu).



COLLEGE OF ENGINEERING  
(AUTONOMOUS)

## GVP College of Engineering Madhurawada, Visakhapatnam

### RECRUITMENT OF JRF

Applications are invited for the position of JRF(1) in the DAE-BRNS sponsored project No. 2012/20/34/11/BRNS/2997 dated 20 March 2013 for 3 years with remuneration of Rs 14,000 p.m. + HRA. The project title is 'Development of  $\text{Ln}^{3+}$ -doped  $\text{Lu}_3\text{Sc}_2\text{Ga}_3\text{O}_{12}$  nano-garnets for light emitting device applications'.

**Qualifications:** M.Sc. Physics/Material Science with first class, good communication and computer programming skills. Send your applications to [praveena@gvpce.ac.in](mailto:praveena@gvpce.ac.in) on or before **20 June 2013.**

Visit: <http://www.gvpce.ac.in/>