



BANARAS HINDU UNIVERSITY

VARANASI 221 005
INSTITUTE OF TECHNOLOGY
DEPARTMENT OF METALLURGICAL ENGINEERING



Dated: 22/02/2010

Applications are invited for one Senior Research Fellow (SRF) (@ Rs 14,000 p.m.) and one Technical Assistant (@ Rs 6000 p.m. fixed) to work in the DAE-BRNS sponsored research project (P-29/73) entitled '**Evaluation of cyclic deformation behaviour of structural materials for advanced nuclear reactor applications**'.

Qualification: For SRF: M.Tech. in Metallurgical Engineering. Age limit 32 years. Candidates with experience of research in the area related to the project will be preferred.

For Technical Assistant: Intermediate (10 + 2) Science with 55% marks, and 2-years laboratory experience/graduate in science with 55% marks. Age limit 30 years.

Applications on plain paper giving bio-data along with qualification, research experience, etc. supported by attested documents should reach, **within 15 days** of the advertisement to **Professor Vakil Singh**, Principal Investigator, Department of Metallurgical Engineering, Institute of Technology, Banaras Hindu University, Varanasi 221 005.

Note: A relaxation of 5 years in upper age limit will be given to SC/ST/physically handicapped/female candidates. No TA/DA will be paid if called for interview. The post is purely temporary and co-terminus with the project.

Department of Physics

Indian Institute of Technology, Kanpur

Applications are invited for the post of Post-doctoral Fellow (Project Scientist) under a joint Indo-French project entitled '**Plasmonic properties of checkerboard metallic structures and films**' funded by the Indo-French Centre for Promotion of Advanced Research. The position is tenable for one year, and extendable until 31 July 2011 only, upon satisfactory performance. The post-doctoral fellow will conduct experimental work on developing and making metallic nanostructures with focussed ion beam technology at the Ion Beam facility and measuring the optical properties of the nanostructures. (S)He will need to interface with the French group at the Institut Fresnel, Marseilles, and may be required to work there for short durations.

Essential qualifications: Ph.D. in experimental physics with a reasonable publication record. Candidates whose Ph.D. work was on Optics/Lasers/Thin films will be preferred. Basic computer skills are essential. NET/GATE scores are desirable. Salary will be in the scale Rs 15,000–1500–30,000 with medical facilities as permissible. Minimum emoluments will be Rs 20,000 per month.

Applications on plain paper, with the curriculum vitae and at least two references, should be sent to the undersigned by **26 March 2010**. Applications sent by e-mail/fax are also acceptable.

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