

College of Engineering Pune
Shivajinagar, Pune 411 005, Tel.: 020-2550 7188, Fax: 020-2550 7009

Junior Research Fellow (JRF)

Applications are invited to work on a research project funded by Board of Research in Nuclear Sciences, Dept of Atomic Energy, and Govt of India.

Name of the project: Development of Electronic Nose for Homeland Security (Ref. No. 2012/36/55/BRNS/ March 12, 2013).

Project duration: Two years.

Name of the post: Junior Research Fellow (JRF).

Essential qualifications: M.Sc. (Chemistry, Electronics, Instrumentation), B.E./B.Tech., M.E./M.Tech. (Instrumentation, Biomedical, Electronics and Telecommunication, Computer, Electronics, Electrical, Electronics and Instrumentation, Industrial Electronics). A strong intention towards material sensor fabrication and signal conditioning as well as microcontrollers with hands on experience in software tools such as Artificial Neural Network and labVIEW.

Emoluments: Rs 16,000 per month.

Candidate possessing the requisites qualifications may submit their applications with complete bio-data mentioning the e-mail and contact details on rpm.instru@coep.ac.in **within 2 weeks** from the date of this notification.

Note: The short-listed candidates will be called for an interview. The date of the interview will be intimated by e-mail. No TA/DA will be paid for attending the interview.

Dr Rohini Mudhalwadkar
Principal Investigator



Indian Institute of Technology (Banaras Hindu University), Varanasi
Varanasi 221 005

Date: 17.5.2013

Advertisement for SRF (One) and JRF (One) (Both leading to Ph.D.)

Applications are invited for one post of Senior Research Fellow (SRF) (@ Rs 18,000 p.m. + HRA @ 20%) and one post of Junior Research Fellow (JRF) (@ Rs 16,000 p.m. + HRA @ 20%) (both leading to Ph.D.) to work in the BRNS, Department of Atomic Energy sponsored research project (M-21-114) entitled 'Study of Wind Climatology on Slender Structures using Weibull and Generalized Extreme Value Distribution' sanctioned for two years, 2013–2015. The posts are purely temporary and coterminous with the project.

SRF (one)

Qualifications essential: First class B.Tech. or equivalent degree in Electronics/Electrical/Instrumentation/Mechanical/Civil Engineering with two years experience or M.Tech. in Electronics/Electrical/Instrumentation/Mechanical/Civil Engineering.

Desirable: (1) 2 years research experience in the relevant field; (2) GATE qualification; (3) Research publication in the relevant field.

JRF (one)

Essential: First class B.Tech. or equivalent degree in Electronics/Electrical/Instrumentation/Mechanical/Civil Engineering.

Desirable: (1) GATE qualification; (2) Research publication in the relevant field.

Age: The upper age limits are 28 and 32 years for JRF and SRF respectively (5 years' relaxation for female/SC/ST/physically handicapped candidates). Upper age limit may also be relaxed for the duration of earlier work in a project/scheme subject to the Institute rules prevalent at that time.

All things being equal, SC/ST candidates will be preferred as per Gol rules. The SRF and JRF selected for this project are expected to registrar for Ph.D., if found suitable as per IIT(BHU), Varanasi rules.

Application on plain paper giving name, permanent and correspondence address, names of father and mother, telephone no. and e-mail address, details of educational career (starting from High School or equivalent) along with self-attested copies of all mark-sheets and certificates and details of any research or other experience, etc. and research publications, if any, should reach **within 21 days** of the advertisement to **Dr Arnab Sarkar** (Principal Investigator), Department of Mechanical Engineering, Indian Institute of Technology (Banaras Hindu University), Varanasi 221 005. In addition, the candidates are also advised to mail their CVs to the e-mail id of Principal Investigator: arnab.mec@iitbhu.ac.in.

No TA/DA will be paid if called for interview.