

PHYSICS DEPARTMENT

**Institute of Science
Banaras Hindu University
Varanasi - 221 005 (India)**

Positions Available

Applications are invited, on plain paper, from suitable candidates for **Two (02)** posts of **Junior Research Fellow (JRF)** in a Department of Science & Technology (DST), New Delhi sponsored research project entitled "**Indian Institutions - Fermi lab Collaboration in Neutrino Physics**" at the Department of Physics, Banaras Hindu University, Varanasi - 221005. The appointment will be on contract basis initially for a period of **Two (02)** years. Based on performance, the appointment could be extended for another two + one years. The positions are co-terminus with the project. Selected candidate's research work will lead to their PhD thesis. The selected candidates will spend significant period of their tenure at the NOvA (NuMI Off-Axis ν_e Appearance) experimental site at Fermi National Accelerator Laboratory (FNAL), Chicago (USA).

Qualification and Experience for JRF

For Junior Research Fellow (JRF): The candidate must have completed M. Sc. in Physics with a minimum of 55% marks with NET/GATE and good academic records, age must be below 28 years (relaxation for 5 years for SC/ST / Physically Handicapped / Female candidates. All things being equal, SC/ST candidates will be preferred as per GOI rules. In addition to the minimum qualification, basic knowledge of Particle (focus on neutrinos), Nuclear and Detector (focus on NOvA experiment and its data acquisition - DAQ system) physics, C++ Programming language, Root and working knowledge of UNIX will be an asset.

Pay

The selected candidates will receive stipend @ Rs. 31,000/-p.m. + HRA as per DST rules.

How to Apply?

Interested candidates are encouraged to send the application to the below address – in a single MS-Word or PDF file consisting of a cover letter, detailed CV [with contact phone number(s) and e-mail(s), passport size photograph and skype or zoom id], details of marks obtained and self attested copy of certificates by e-mail latest by **JUNE 30, 2019**.

Dr. Venkatesh Singh

**Department of Physics, Institute of Science,
Banaras Hindu University, Varanasi – 221 005,**

by ordinary post or e-mail venkaz@yahoo.com, Phone: 9450874493

No TA/DA will be paid to the candidates appearing in the interview.

**INITIAL FIRST ROUND INTERVIEW MAY BE SCHEDULE IN THE MID OF JULY
THROUGH SKYPE OR ZOOM.**