

काशी हिन्दू  
विश्वविद्यालय



BANARAS HINDU  
UNIVERSITY

## Department of Physics, Institute of Science

DKM/PHY/BHU/CRG/2021/005917/JRF

Dated: April 06, 2022


### Advertisement for a Junior Research Fellow (SERB-Core Research Grant)

Applications are invited from eligible candidates for one position of **Junior Research Fellow (JRF)** in the research project (**Project code: P-07/1271**) entitled: "*Optical interferometry with non-classical resources for improvement in quantum sensing*" under the Principal Investigator, Dr. Devendra Kumar Mishra, Department of Physics, Institute of Science, Banaras Hindu University. The research project is funded by the Science & Engineering Research Board (SERB), New Delhi.

The post carries a fellowship amount of Rs. 31,000/- + HRA (per month) for first two years and Rs. 35,000/- + HRA (per month) for third year as per the SERB rules. The post is temporary and is sanctioned for a duration of 3 years. The post is co-terminus with the project. The candidates should be M. Sc. in Physics (with a minimum of 55%) with NET/GATE as per the SERB rules (<http://serb.gov.in/pdfs/Order/OM-Research%20Fellowship-JRF-SRF-RA.pdf>) and BHU rules. The upper age limit is 28 years (relaxable for 5 years for SC/ST/Physically Handicapped/Female candidates). With equal merit, SC/ST candidates will be preferred as per GOI rules. Applicants having experience in the area of Quantum Optics/Quantum Nonlinear Optics/Quantum Information will be preferred.

Hard copy of the application on the plain paper with complete bio-data (including self-attested copies of mark sheets and certificates, birth certificate and details of research or other experiences, if any) should reach to **Dr. Devendra Kumar Mishra, Principal Investigator, Department of Physics, Institute of Science, Banaras Hindu University, Varanasi-221005** within 21 days from the date of the advertisement. **Soft copy of the application may be sent by email (e-mail address: [kndmishra@gmail.com](mailto:kndmishra@gmail.com)).** Candidates are required to submit the application along with all the documents as a single PDF file. Email address and Telephone numbers must be provided with the application.

The original copy of all testimonials must be shown at the time of interview. No TA/DA will be paid, if called for interview.

  
**Dr. Devendra Kumar Mishra**  
Principal Investigator

SERB sponsored CRG Project (**P-07/1271**)  
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