



VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY
DEPARTMENT OF PHYSICS
South Ambazari Road-440010, Maharashtra

Requirement of JRF in the Department of Physics

Applications are invited from **motivated and eligible** candidates for the post of Junior Research fellow (JRF) to work on Science and engineering research board (DST-SERB) funded research project.

Title of the project	DFT investigations on magnetic topological insulators and topological semi metals
Scope of Project	The project involves density functional theory (DFT) based study of electronic structure and topological properties of magnetic topological materials. For more information, candidates can visit the institutional webpage of Dr. Poorva Singh https://phy.vnit.ac.in/people/poorvasingh/ or write email at poorvasingh@phy.vnit.ac.in
Position	Junior Research Fellow (JRF)
No. of posts	01
Duration	The post is purely temporary in nature. Initial appointment is for the period of six months, which can be extended up to 03 years solely based on satisfactory performance.
Essential qualification	M.Sc. in Physics from recognized universities/institutes with a minimum of first class and with GATE / CSIR-UGC JRF / NET qualification.
Desired qualification	Overall good academic record, good technical writing skills and knowledge of basic programming.
Ph.D. Opportunity	The selected JRF candidate will have the opportunity to register for a regular PhD program provided the candidate satisfies the eligibility criterion for the PhD program in Department of Physics (Admissions (vnit.ac.in)).
Fellowship	Rs. 31,000/- per month (consolidated) for 1 st and 2 nd year. Rs. 35,000/- per month (consolidated) for 3 rd year.
Mode of application	Interested candidates are requested to apply in the prescribed format (available online on institute website www.vnit.ac.in) by June 04, 2023 . The duly filled application form along with all the enclosures (detailed curriculum vitae, degree certificates, GATE/NET scorecard and other relevant documents) must be sent as a single PDF file to the principal investigator at following email id: poorvasingh@phy.vnit.ac.in . Please mention “ Application for the Post of JRF in Physics Department ” in the subject line of email. Provide complete information with regard to all essential eligibility conditions, incomplete applications will be rejected.
Contact	Dr. Poorva Singh Department of Physics, Visvesvaraya National Institute of Technology, South Ambazari Road, Nagpur-440010. Email: poorvasingh@phy.vnit.ac.in Phone: 07122801836
Important notes	Only short-listed candidates will be intimated by email and will have to appear for a written test and/or interview on the date as communicated through email. Interviews will be held in hybrid mode. Candidates unable to attend the interview physically may send an email at poorvasingh@phy.vnit.ac.in to request to attend the interview online. No TA/DA will be paid for appearing in the interview. The decision of the Director, VNIT Nagpur will be final in all respect.

REGISTRAR, VNIT