



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 Anusandhan National Research Foundation (ANRF) funded research project.

Title of the project	Topology in heritage: Influence and manifestation of electron topology in bosons
Scope of Project	The project involves studying the influence of topological properties of electrons on the collective excitations involving bosonic quasiparticles such as phonons, magnons, and plasmons. For more information, candidates can visit the webpage of Dr. Sayandip Ghosh (https://sites.google.com/view/dr-sayandip-ghosh/ or https://vnit.ac.in/basic_science/phy/dr-sayandip-ghosh/) or write email at sayandipghosh@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-LS qualification.
Desired qualification	Overall good academic record, sound analytical 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 (https://vnit.ac.in/section/academics/admission/).
Fellowship	Rs. 37,000/- per month (consolidated) for 1 st and 2 nd year. Rs. 42,000/- 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 Aug 11, 2025 . 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 address: sayandipghosh@phy.vnit.ac.in . Please mention “ Application for the Post of JRF in the 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. Sayandip Ghosh Department of Physics, Visvesvaraya National Institute of Technology, South Ambazari Road, Nagpur-440010. Email: sayandipghosh@phy.vnit.ac.in Phone: 0712-280-2343
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. 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