

## **Advertisement (Rolling) Notice:**

Applications are invited for the post of Junior Research Fellow (CSIR/UGC NET(JRF)) qualified

*Interested candidates are encouraged to apply anytime of the year as this is a rolling advertisement.*

## **ADVERTISEMENT**

Wadia Institute of Himalayan Geology is an autonomous research organization under Department of Science & Technology, Govt. of India, undertaking advance level of research in all aspects of the geology and geodynamics of Himalaya. It has strong specialization in the areas of Petrology and Geochemistry, Structure and Tectonics, Sedimentology, Geomorphology, Glaciology, Magneto-stratigraphy, Biostratigraphy, Quaternary Geology, Environment Geology, Engineering Geology, active & passive Seismology and Geophysics, Geochronology and Thermochronology. The institute is equipped with state-of-the-art analytical laboratories and field experiments facilities to encourage young students/researchers to make their career in emerging areas of Geosciences. The Institute also undertake sponsored projects.

Director, WIHG invites Candidates/Applicants for the posts of Junior Research Fellow having a valid CSIR/UGC-NET JRF qualification for online interview in the purely temporary/contractual tenured position as CSIR/UGC-JRF (Junior Research Fellow), who wish to pursue their Phd. through Academy of Scientific and Innovative Research (AcSIR) and work in any of the following aspects of Himalayan Geosciences.

1. Active source seismology (subsurface characterization of the Main Himalayan Thrust)
2. Passive receiver function seismology, noise tomography and magnetotelluric studies (Geometry and rheology in characterization of Himalayan subsurface/ lithospheric structures)
3. GPS, gravity and paleoseismology studies (Himalayan surface and subsurface processes and crustal deformation in terms of strain accumulation and release)
4. Metamorphic, structural and geochronological studies in terms of P-T-t-d (Indo-Eurasian collisional tectonics and evolution of Himalayan metamorphic core)
5. Igneous petrology, fluid inclusion studies, isotope geology (crust-mantle interaction, fluid circulation, mantle metasomatism and global carbon cycle)
6. Sedimentary process in fluvial, lacustrine and glacial environments (landscape response to subsurface structures and climate variability).
7. Paleoclimate, Himalayan ecology using biological proxies
8. Biostratigraphy including vertebrate and invertebrate palaeontology (Indo-Eurasian collision, basin evolution and global bio-events).
9. Engineering Geology, Himalayan landslides, risk assessment and zonation map (Real time monitoring of landslides).
10. Seismotectonics, Himalayan seismic hazards (Real time monitoring of seismicity).
11. Natural resources of Himalaya: glaciers, lakes, springs, rivers and geothermals

## Criteria:

### **JUNIOR RESEARCH FELLOW:**

Candidates having a valid NET-JRF score along with 1st class in MSc, MSc (Tech) or M. Tech in Geosciences suiting to the WIHG's research domain as mentioned above can apply. Candidates need to send soft copies of their valid NET scorecard and academic certificates etc. along with the application.

### NOTE:

- (i) Applications should be sent through mail in the prescribed format along with attachment (in PDF format) at "**registraroffice@wihg.res.in**".
- (ii) Selected candidates for the post of JRF will draw their fellowship from CSIR/UGC.
- (iii) Age limit for Junior Research Fellow 28 years. Date of Age will be reckoned on 1st April of the year of application. Age relaxation is available as per Govt. of India Rules.
- (iv) The qualifications and experience mentioned are the minimum requirement. The Institute reserves the right to short list the candidates based on their merit record, qualifications, experience and suitability of Institute's need.
- (v) Column No. 15 of application Proforma is mandatory to fill.
- (vi) The Institute reserves the right not to fill any position, if suitable candidates are not found.
- (vii) No T.A. and D.A. will be provided.
- (viii) The above mentioned positions are purely temporary co-terminus with the tenure of the relevant fellowship. Under no circumstances regularization of the services of the concerned appointee in the Institute will take place.
- (ix) The Institute reserves the right to reject any or all applications without assigning any reason.
- (x) No interim enquiries will be entertained. Canvassing in any form and bringing any influence will be treated as a disqualification.
- (xi) Only selected candidates will be informed about their selection within a fortnight from the date of interview.
- (xii) Incomplete applications, applications not submitted on prescribed form or application not as per any of the conditions of this detailed advertisement notice available on the website of the Institute will be summarily to be rejected.
- (xiii) Records of the candidates not selected shall not be preserved beyond six (06) months from the date of declaration of the result of selection.
- (xiv) The due date for registration in admission portal of AcSIR is March and October of calender year. The link of the AcSIR admission portal is <https://acsir.res.in/admissions/>.

**(REGISTRAR)**