BIRBAL SAHNI INSTITUTE OF PALAEOSCIENCES

(An autonomous Institution under the Department of Science & Technology, Government of India, New Delhi)

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Eligible candidates are invited to apply for the following posts under the project titled: "Structure and Functioning of Himalayan Monsoon Shadow Forest Ecosystems" (Component-5 of the project: "Relationships of Tree Growth–Climate/Ecology through Dendrochronological Investigation") under the guidance of **Dr. Mayank Shekhar, Scientist-C, Birbal Sahni Institute of Palaeosciences (BSIP), Lucknow (U.P.).** This project is funded by the National Mission on Himalayan Studies (NMHS), Ministry of Environment, Forest and Climate Change, Government of India. **Duration: 3 years or co-terminus with the project.**

Sr. No.	Position	No. of Posts	Monthly Fellowship	Essential Qualifications	Desirable qualifications
1.	Junior Research Fellow (JRF)/ Project Fellow	01	₹ 37,000/- + HRA @18% per month (from 1st & 2nd year) ₹42,000/- + HRA @18% per month (from 3rd year). Admissible for CSIR-UGC-NET/GATE Qualified candidates. ₹ 25,000/- + HRA @18% per month as admissible for those who do not have a valid CSIR-UGC-NET or GATE qualification.	Master's in Botany/Forestry/ Ecology/ Environmental Science/Geology/ Earth Sciences/ Geography or allied disciplines with ≥ 60 % marks	• Basic understanding of dendrochronology techniques, tree-ring sampling, Tree Water Deficit (TWD) assessment, forest resilience and ecological interactions data analysis • Basic understanding of Ecological modeling, R or python programming, GIS (QGIS/ArcGIS), Climate data analysis • Knowledge of Himalayan ecosystems • Applicant must be physically fit to participate in extensive Himalayan fieldwork.
2.	Project Assistant	01	₹ 20,000/- + HRA @18% per month	Master's in Botany/Forestry/ Ecology/ Environmental Science/Geology/ Earth Sciences/ Geography or allied disciplines with ≥ 60 % marks	• Fieldworks in forest ecosystems • Data collection, instrument handling • Ecological surveys

3.	Data Entry Operator	01	₹ 20,000/- (consolidated) per month	Graduation with ≥ 60% marks, along with either a diploma/degree in Computer Applications (DCA, BCA, or equivalent)	• Relevant experience in handling ecological, climatological, and tree-ring data • Proficient in MS Excel, databases, data software

General Instructions:

- **Duration: 3 years or co-terminus with the project.**
- **Age Limit:** Not exceeding 28 years on the last date of application (Relaxation is admissible for candidates who belong to the SC/ST/OBC category as per Government of India rules).
- **Candidates must have a valid email ID and mobile number, which should remain active until the final results are declared. All communication regarding the application will be sent to the provided email ID or mobile number**.
- The cut-off date for determining eligibility, including essential qualifications and age limits, is the closing date of the application.
- Possessing the prescribed minimum qualifications does not automatically entitle candidates to be shortlisted for the interview.
- Interview: Shortlisted candidates will be notified via email for an online/in-person interview. No TA/DA will be provided.
- Canvassing in any form or attempting to influence the process will result in disqualification.
- Candidates must produce original documents to verify the details provided in their applications. Failure to do so will result in disqualification.
- The number of advertised vacancies is subject to change as per government approval.

Selection Process:

- BSIP reserves the right to cancel or modify the recruitment process or the number of vacancies without assigning reasons.
- In case of a large number of applications, shortlisting will be conducted based on essential/desirable qualifications, academic performance, relevant experience, or other criteria decided by the screening committee.
- Shortlisted candidates will be informed about the interview schedule through email.

How to Apply:

- **All inquiries regarding advertisements and applications will be accepted only through email**.
- Applicants must upload scanned copies of the following documents: **their latest CV; a research motivation note** (**maximum 350 words, applicable only to JRF applicants**); a recent photograph, and self-attested scanned copies of supporting documents. These supporting documents include mark sheets (for all semesters), degree certificates, proof of date of birth, experience certificates, and caste certificates (if applicable). If any document is in a language other than English, an attested English translation must also be provided. Interested candidates may send their application, along with an updated Curriculum Vitae and self-attested photocopies of mark

sheets and certificates, as a single PDF file to **nmhsdendro@gmail.com**; and cc to **mayank_shekhar@bsip.res.in** [5 PM on 7 July 2025]. Mention "***Application for [Position Name] – NMHS Project – [Candidate's Name]" in the subject line***.

- Please note that the incumbent will have no claim for regular absorption in the institute or the Department of Science & Technology, Government of India.

REGISTRAR
BSIP, Lucknow

Application Form

Project Title: Structure and Functioning of Himalayan Monsoon Shadow Forest Ecosystems Component-5: Relationships of Tree Growth–Climate/Ecology through Dendrochronological Investigation

1. Personal Information

    I.   Name: _____

    II.   Date of Birth: _____   Age: _____

    III.   Nationality: _____

    IV.   Category (GEN/SC/ST/OBC/EWS): _____

    V.   Contact Number: _____

    VI.   Email ID: _____

2. Educational Background

Degree	University/College	Subjects	Marks/Grade
10th			
12th			
B.Sc.			
M.Sc.			
Any other Qualification			

3. Additional Qualifications

- Diploma/Degree in Computer Applications (DCA/BCA or equivalent): ☐ **Yes** ☐ **No**
- Experience in handling ecological, climatological, or tree-ring data: ☐ Yes ☐ No
- If yes, please specify:

_____

_____

4. Research Motivation (Only for JRF Applicants)

(Maximum 350 words)

5. List of Documents to be submitted

Applicants must upload scanned copies of the following as a single PDF file:

1. Latest Curriculum Vitae (CV)
2. Motivation and Research Interest Note (only for JRF applicants)
3. Recent Photograph
4. Self-attested copies of:
    a. Mark sheets (all semesters)
    b. Degree certificates
    c. Proof of Date of Birth
    d. Experience certificates (if applicable)
    e. Caste certificate (if applicable)
5. Attested English translation of any document not in English

Declaration

I hereby declare that all the information provided above is true and correct to the best of my knowledge and belief.

Date: _____

Place: _____

Signature: _____

Submission Instructions

Please send your application as a single PDF file via email with the subject line:

"Application for [Position Name] – NMHS Project – [Your Name]"