



भारतीय वन्यजीव संस्थान
Wildlife Institute of India

(An Autonomous Institution of Ministry of Environment, Forest and Climate Change,
Government of India)

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Advt. No. WII/NMHS/Fellowships/REC/2016

**HIMALAYAN FELLOWSHIPS UNDER
THE NATIONAL MISSION ON HIMALAYAN STUDIES (NMHS) PROGRAMME
(HIMALAYAN RESEARCH FELLOWS)**

The Wildlife Institute of India (WII) is a premier national institution working towards strengthening Wildlife Conservation and Management through research, training and education. The Ministry of Environment, Forest and Climate Change (MoEFCC) IS implementing the **National Mission on Himalayan Studies (NMHS)** through different research institutions/organizations. WII has been awarded Research Positions for a 3 year (2016-2019) period under broad themes to address biodiversity conservation and management issues in the Indian Himalayan Region under the NMHS programme.

WII is looking for bright candidates from **Biological, Environmental and Social Sciences** backgrounds for filling up 03 (three) positions of Himalayan Research Fellows for the duration 2016-2019. Applications are invited from Indian citizens who are willing to contribute innovative ideas, undertake basic and applied oriented research on environmental assessment and sustainable management of natural resource, impacts of climate change on flora and fauna and their habitats, including working with local communities to address the challenges of habitat restoration through awareness creation and capacity building. The details of the positions are given below.

The selected candidates will be engaged purely on temporary basis initially for one year period from the date of appointment that can be extended depending on the candidate's performance and the programme needs. The headquarters for the above posts would be Wildlife Institute of India (WII), Dehradun and/or its various field locations in the States of Jammu & Kashmir, Himachal Pradesh, Uttarakhand, Sikkim and West Bengal (northern hill districts), Arunachal Pradesh, Assam, Meghalaya, Manipur, Mizoram, Nagaland, and Tripura. The work description, essential and desirable qualifications and the fellowship of personnel required are given below.

Name and Number of Positions and Fellowship	Essential Qualifications	Desirable Qualifications [^]
Himalayan Research Fellow# JRF / SRF 03 (three) JRF Rs. 16,000 for first two years and SRF* 18,000 (After two years & fulfilling requirements) + HRA	Post Graduate Degree in Wildlife Sciences/ Zoology/ Forestry/ Environmental Sciences or Management/ Life Sciences/ Biodiversity and Conservation with a minimum of 60% aggregate marks from a recognized University. Age: up to 28 years for JRF and 32 years for SRF	Prior work experience in the Indian Himalayan Region. Experience /knowledge on field data collection for flora, fauna, and their habitats. Vegetation/ habitat assessments, abundance estimation of fauna, camera trap based sampling and analysis; natural resource dependency surveys, socio-economic surveys.

[^] Desirable qualifications are only indicative in nature. In case of exceptional candidates, these may be relaxed.

* Candidates with two years research experience will be considered for award of SRF position

CSIR-UGC NET JRF/GATE/WII NET qualified candidates would be awarded Fellowship in line with DST norms, while otherwise competent/suitable candidates would be provided fellowship as mentioned above which are likely to be amended as per WII norms.

Age relaxation up to 5 years will be applicable for SC/ST/OBC and Women candidates.

Description of Work:

Himalayan Research Fellow:

The position involves assessment of anthropogenic / climate drivers of landscape change for conservation and sustainable management of land and natural resources; conservation of genetic resources of RET species of flora and fauna including agro-biodiversity, plant-animal interactions, monitoring of Long-term Ecological Monitoring (LTEM) sites and establishment of database on Indigenous Knowledge Practices. The candidate is expected to work independently in remote high altitude regions of the IHR that involves arduous field working conditions with limited logistic support. For more details, see Table below.

Position	Study Area	Proposed Objectives	Deliverables
H-JRF001	Western Himalaya (HP)	<ul style="list-style-type: none"> • Extent of area conserved/ brought under sustainable use • Mammal-habitat interactions <i>vis-à-vis</i> anthropogenic pressures and climate change 	<ul style="list-style-type: none"> • Sustainable conservation protocols for diverse natural resources developed • Impacts of anthropogenic and pressures and climate change on mammals and their habitats

Position	Study Area	Proposed Objectives	Deliverables
H-JRF002	Western Higher Himalaya	<ul style="list-style-type: none"> No. of community institutions engaged in sustainable natural resource utilization Eco-restoration of pastures and grasslands 	<ul style="list-style-type: none"> Participatory conservation frameworks and local institutions engaged Eco-restoration of pastures and grasslands
H-JRF009	Chenab Valley of Jammu and Kashmir	<ul style="list-style-type: none"> Population status of high value medicinal and aromatic plants for their conservation and management 	<ul style="list-style-type: none"> Documentation of availability and use pattern of wild MAPs in various parts of J&K Himalaya

Recruitment process

The selection of Himalayan Research Fellow will be through a written test followed by a personal interview. Candidates who have cleared CSIR-UGC NET-JRF/WII NET and those who had appeared for the written test held for these positions on 20 May 2016 for the NMHS fellowships will have to appear for the interview only.

(i) Candidates should send their applications in the prescribed proforma (**Annexure 1**) typed out on A-4 size paper (210 x 297 mm) accompanied by crossed Indian Postal Order/Bank Draft of **Rs. 500/- (Rupees Five Hundred only)** drawn in favour of the **Director, Wildlife Institute of India, payable at Dehradun**. Fee is non-refundable. The application form can also be downloaded from the site www.wii.gov.in. Candidates must mention the **Project name and Position applied for** in their applications.

Applications should be accompanied by self attested copies of certificates of age, educational qualifications, and experience. Shortlisted candidates will have to produce original certificates cited in their applications at the time of written test / interview, without which they will be disqualified. Applications should be sent to **The Administrative Officer, Wildlife Institute of India, Chandrabani, Dehradun-248 001 (Uttarakhand)** so as to reach on or before **08 August 2016 by 17:00 hours**. Applications from abroad and from those in the Andaman & Nicobar Islands, Lakshadweep, North Eastern Region, Ladakh division of the Jammu & Kashmir State, Sikkim, Panaji Sub-division of Chamba, Lahaul & Spiti Districts of Himachal Pradesh should reach up to **16 August 2016 by 17:00 hours**. Applications may be sent through Registered post/Speed post/By Hand in a cover. Candidates must **mention the project name, and position applied for on the envelope** of their applications. Candidates who are applying for multiple projects and/or positions should send separate applications and fees.

(ii) The Institute shall screen the applications received by due date and organize a written test for short-listing the candidates to be called for the interview. The list of eligible candidates will be hosted on the Institute's website (www.wii.gov.in) on **19 August 2016**.

Applications received after the due date, without the application fee, incomplete, or not in prescribed format will be rejected. Mere fulfilment of the minimum advertised

qualification and experience requirement DOES NOT automatically entitle an applicant to be called for written test / interview. The decision of the Institute in all matters relating to eligibility, acceptance or rejection of application, mode of selection will be final and binding on the candidates and no enquiry or correspondence will be entertained from any individual or his / her agency. At the time of the verification of original documents, if it is found that an attempt has been made by the applicant to wilfully conceal, misrepresent or canvass the facts, his / her candidature will not be considered and he / she will not be allowed to appear for the interview. Candidates are required to furnish the declaration form as given in the prescribed application form.

(iii) Eligible candidates have to report at the Auditorium located inside the Institute campus at Dehradun **on 29 August, 2016 at 09:00 hours** with their **original documents / certificates** for verification. Eligible candidates have to appear for written test **on the same day (29.08.2016) from 1030 hours onwards** in the Auditorium. The examination will be of one hour duration with 60 objective type questions of one mark each. There will be thirty questions covering wildlife ecology and management, and thirty questions on the subject domain of respective posts as specified in the Syllabus (**Annexure 2**).

Candidates who have a valid CSIR/UGC NET Junior Research Fellowship or WII-NET (cleared in 2014 & 2015) and those who had appeared for the written test held for NMHS HRF on 20.05.2016 are exempted from the written test and their scores will be used for the selection process. Such short-listed candidates will have to appear for the interview only.

(iv) Results of the written test shall be declared on **30 August 2016 at 09:30 hours** in the Institute's website (www.wii.gov.in). The short-listed candidates have to appear for a personal interview **on 30.08.2016 from 10:30 hours onwards** in the Institute's Board Room and may continue until **31.08.2016**. The final selection of the candidate will be in accordance with his / her performance in the written test and interview and in order of merit as decided by the Interview Committee.

**PROFORMA FOR APPLICATION
(NMHS Himalayan Research Fellow Positions)**

1. Advertisement No:

2. Post Applied for:

3. Application fee details:

4. Category: SC/ST/OBC/UR
(please attach certificate, SC/ST/OBC)

5. Name (in block letters):

Last Name:

Middle Name:

First Name:

6. Father's /Husband's Name:

7. Permanent Address:

8. Address for correspondence:

Pincode:

Tel. No. & Fax No. with STD Code:

E- mail :

Mobile :

9. Nearest Railway Station:

10. Date of Birth (Date/Month/Year): (please attach certificate)

11. Age as on **08 August 2016** (in Years, Months and Days)

12. Educational Qualifications starting with Higher Secondary (10+2):

Space for
photograph
duly signed by
the candidate

Exams passed	Name of the Board/ University	Year of passing	Subjects	Division	Percentage of marks obtained	Enclosed annexure No.

13. If Ph.D., mention the following:

- i. Title of thesis:
- ii. University:
- iii. Name of Supervisor(s):
- iv. Year of award of the degree: (please attach copy of doctorate degree)
- v. (v) Summary (maximum 2 pages):

17. Secondary and Tertiary skills, if any

18. Number and details of papers published
(copies of up to 5 best publications must be attached)

19. Number of books published (Attach list)

20. Total experience as on **08 August 2016** in years and months

- (a) After M.Sc :
- (b) After Ph.D :

21. Employment details (Chronologically from present position backwards)

Name of the Employer/ Organization	Full Address of Employer/Organization	Post held (with pay scale)	Period From* - To*	Total emoluments drawn (Rs.)	Nature of duties/ experience

* Specify Month and Year

22. References: (Name and Designation along with contact address details including fax, email and mobile)

- (i)
- (ii)
- (iii)

23. Any other relevant information:

DECLARATION

I affirm that information given in this application is true and correct. I also fully understand that if at any stage it is found that any attempt has been made by me to wilfully conceal or misrepresent the facts, my candidature may summarily be rejected and employment terminated.

PLACE :

DATE :

(SIGNATURE OF THE APPLICANT)

Annexure 2: Written test syllabus

Wildlife ecology and management (30 marks)

Basic concepts of ecosystem, evolution, community ecology and bio-statistics. Biogeography of India. Himalayan ecosystems, flora, fauna, habitats, conservation and management issues. Demography, population dynamics and meta-population concepts.

Management of small and insular populations. Role of protected areas in biodiversity conservation. Application of tools in wildlife management: conservation genetics (Small and declining population paradigms: inbreeding depression & bottleneck etc), Population and Habitat Viability Analysis, Remote Sensing & GIS.

In situ and *ex situ* conservation. Major species specific conservation programs (e.g.: Project Tiger, Project Elephant, Project Snow Leopard etc). Human wildlife interactions and their impacts (e.g.: Developmental projects, conflict).

Basic concepts of ecodevelopment, compensatory mechanisms for losses due to wildlife, peoples participation. Legal instruments for conservation: Wildlife (Protection) Act, 1972; Biodiversity Act, 2002; Indian Forest Act, 1927; Forest (Conservation) Act, 1980; and Environmental (Protection) Act, 1986. International agreements and conventions (CITES, CMS, CBD and Ramsar).

Domain Knowledge (30 Marks)

For Himalayan Research Fellow: Flora, fauna and their habitats in the Himalaya; anthropogenic pressures on wildlife habitats in the Himalayan region, conservation and management, impacts of climate change/variability on flora and fauna in the Himalaya