



GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE
ZOOLOGICAL SURVEY OF INDIA (ZSI)
Prani Vigyan Bhawan, M-Block, New Alipore, Kolkata-700053
Website: www.zsi.gov.in

ADVERTISEMENT

Contractual Recruitment of 13 Research Personal under NMHS funded Project

Applications are invited for the post of 13 project personnel (details are given in **Annexure 1**) purely on a contractual basis (Indian national only) initially for one year from the date of engagement but likely extendable up to three years based on the candidate's performance, under the project. The positions being offered are strictly temporary/contractual and co-terminus with the project.

Project-1: Conservation of Threatened Mammalian Fauna of the Indian Himalayan Region Through Scaling Up Long-Term Monitoring, Securing Corridors, and Capacity Building.

Project-2: Creation of an Integrated Database of the Himalayan Biodiversity for Mainstreaming in Policy to meet National Commitments.

LAST DATE OF APPLICATION: 05th August, 2024; 5: 00 PM IST

HOW TO APPLY: Candidates are requested to submit duly completed applications as per prescribed format [**Annexure 2**] accompanied by attested copies of educational certificates, research experience documentation, proof of date of birth, and copies of all examination mark sheets. If currently employed, applicants should also provide a 'No Objection Certificate' from their current employer. **Hard copy of applications should be sent via Speed Post/Registered Post to the Director, Zoological Survey of India, M-Block, New Alipore, Kolkata, 700053, West Bengal on or before 05.8.2024**, clearly indicating "Application for the post of RA-III/RA-I/JRF/JRA/FA for project NMHS PROJECT-1/ NMHS PROJECT-2' on the envelope. An advance copy of application also be submitted through a google form [Link: https://docs.google.com/forms/d/e/1FAIpQLSeknyuFmPb6kykF6CDpZcJnunS8JK61m_tOKMCatJp5WZ5vCg/viewform?usp=sf_link]

PLACE OF WORK: The selected candidates (Research Associates, Junior Research Fellows, Junior Project Fellows, Field Assistants) will be required to undertake extensive travel to various regions, including (Chamba- Lahual Valley) Himachal Pradesh, (Pithoragarh) Uttarakhand, (West District) Sikkim, South Garo Hills (Meghalaya) and (Tawang district) Arunachal Pradesh, as well as potentially other locations as dictated by project needs, including headquarters in Kolkata. Travel assignments may involve longer durations depending on project requirements.

BELIEF ABOUT THE PROJECTS: The Himalayas is the world's youngest, arguably most vulnerable and unstable mountain system and occupies a unique place in the mountainous ecosystems of the globe. Himalayan region also holds diverse faunal species which are continuously threatened due to several developmental activities, habitat loss and climate change. Therefore, understanding faunal resources and their response to anthropogenic pressure, climatic conditions is crucial to suggest the effective conservation of mammalian species. The first project aims to address the pressing challenges faced by mammals of the Indian Himalayan region (IHR) through a comprehensive and strategic approach. Second project aims at creating an comprehensive geospatial database on the faunal resources of IHR.

PROJECT- 1 OBJECTIVES:

1. Revisiting the permanent monitoring plots marked in the previous project and extend to previously unexplored regions of the Indian Himalayan Region (IHR) to gain a comprehensive understanding of the distribution and status of threatened mammals of the IHR.
2. Himalayan biodiversity Corridors: identifying and establishing ecological networks for Long-Term Conservation of threatened faunal species and redistribution assessment of flagship and keystone species under climate change scenario.
3. Evaluating behavioral changes, habitat use patterns and ecology of Himalayan black and brown bear in Chamba-Lahaul landscape of Western Himalayas in response to climate change for human-bear conflict mitigation planning.
4. Investigating the genetic composition of targeted/ conservation priority large mammals to understand impacts of anthropogenic changes, climatic conditions using landscape genetics, shedding light on their potential resilience to climate change.

5. Evaluating the effectiveness of Protected Areas network in biodiversity conservation in five Himalayan states and creation of a cadre of trained task force on wildlife monitoring, human-wildlife conflict mitigation, and partnership development among the stakeholders.

PROJECT-2 OBJECTIVES:

1. Biodiversity (Fauna) data curation and mapping to develop profiles of all districts and Protected Areas of IHR.
2. Development of ecological indices for conservation prioritization in IHR with respect to faunal of IHR.
3. Identification of research gaps, research priority species and regions with respect to faunal diversity in the IHR.

GENERAL INSTRUCTIONS:

1. The interview for candidate selection will be conducted in **ONLINE/ In person (OFFLINE) (only for candidates from Kolkata)** at ZSI, Kolkata. Applicants must indicate their preferred interview mode (Online/ In person) in the application form given in point No. 9 under **Model of interview**.
2. Candidates also have to fill the application through online google form before the last date of application.
3. Candidates for all positions will undergo screening, and only shortlisted candidates will be invited for the interview. Date and time of Interview will be separately communicated to the shortlisted candidates. Selection will be based on interview performance and merit. Meeting the prescribed qualifications does not guarantee an interview invitation. Original document verification will occur post-selection. Any attempt to conceal, misrepresent, or canvas facts will result in disqualification.
4. Candidates appeared in previous interview under the NMHS project of ZSI, Kolkata may not apply again without significant updates in their CV.
5. Selected candidates will be posted anywhere as per project requirements and must join within two weeks of selection.
6. The application form is available for download on the Zoological Survey of India website: <https://zsi.gov.in/advertisement>.

7. Applications should be submitted by Speed Post/Registered Post/ Courier to The Director, Zoological Survey of India, M-Block, New Alipore, Kolkata-700053, with self-attested copies of relevant documents.
8. Shortlisted candidates must bring filled application forms and self-attested copies of documents during the interview for the verification.
9. Appointments are on a contractual basis for one year initially, and likely extendable based on project candidate performance up to three years.
10. No TA/DA will be provided for the interview.
11. Incomplete or misrepresented applications will not be considered.
12. No employment, paid or honorary, is permitted during the Associateship tenure.
13. Candidates currently employed must provide a 'No Objection Certificate' during the interview.
14. The Director, of the Zoological Survey of India reserves the right to decrease the number of posts in different categories and also the selection or rejection of a candidature including cancellation of the advertisement without assigning any reason.

**Director,
Zoological Survey of India**

DETAILS OF THE POSITIONS ADVERTISED UNDER NMCG PROJECT

Project no	Position	Nos	Monthly Emoluments*	Qualification		Maximum Age (Years)#	Work Description
				Essential	Desirable		
Project-2	Research Associate-III (RA-III)	1	67,000/- plus HRA (as applicable)	PhD in Geoinformatics/ GIS-RS Science / Life Sciences (specialization in Geo-informatics) or Equivalent degree from a recognized University.	<ul style="list-style-type: none"> • Demonstrated expertise in spatial, statistical, ecological, landscape ecology, and GIS. • Must have experience of Geo-spatial analysis, GIS database desing & hadling, working knowledge of computer perogramming languages Phyton. • Must have atleast one years of Post-PhD experience. • Minimum three relevant research publications in peer-reviewed SCI index international journals. 	40	Contribute to the study design, data collection, manage and organize large scale geo-spatial datasets, ensuring data quality and accuracy. Additionally, have to conduct statistical analyses and contribute to the interpretation of research findings. Coordination and overall supervision with other research personnel in project.
Project-1	Research Associate-I (RA-I)	2	58,000/- + HRA (as applicable) for PhD & 42,000/- + HRA (as applicable) for PhD submitted (Non awarded)	PhD in Zoology/Wildlife Science/Geoinformatics/(with master in life science) or Equivalent degree recognized University. Or Candidates who have submitted PhD thesis are also eligible to apply and will be considered as Senior Project Fellow until the Ph.D. is awarded.	<ul style="list-style-type: none"> • Demonstrated fieldwork experience in the Indian Himalayan Region (IHR) focusing on mammals. • Proficiency in spatial, statistical, and ecological analysis using R, Python, and GIS platforms. • Experience leading fieldwork and managing teams in challenging terrains and harsh environmental conditions in Himalayan regions. • At least three publications in peer-reviewed SCI index International Journals in relevant field. 	35	The role will require active participation in project activities, both in the field and at headquarter. RAs will be responsible for overall execution of field and lab based research activities, data collection, capacity building programs, data analysis, report writing and extensive field survey in high altitude of Himalayas. Coordination with project PIs and other research personal in project
Project- 1 & 2	Junior Research Fellow (JRF)	7 (4 +3)	37,000/- + HRA (as applicable) for candidates qualified CSIR/UGC	Master's degree with minimum of 60% aggregate marks in Zoology/Wildlife Science, Life Sciences, or Equivalent degree from a UGC recognized University.	<ul style="list-style-type: none"> • Minimum 1 year of research experience in wildlife research (project-1) and other terrestrial faunal groups (project-2). • Preferred experience in data collection through basic field 	28	The candidates will conduct field surveys in the IHR to collect data on mammals (project-1) and all other faunal groups (Project-2) in the Indian Himalayan Regions. Candidates will also assist in data entry, data analysis,

			NET, GATE, or any other national level examination Or Candidates not falling into the above category will be paid Rs. 24,000/- + HRA per month		<ul style="list-style-type: none"> techniques viz., camera trapping, sign surveys, questionnaire surveys, and faunal sampling. Experience in using statistical software such as GIS and R programs, and statistical data analysis. Proficiency in scientific writing. 		article & and report writing, and undertake any other tasks assigned.
Project- 1	Junior Project Fellow (JPF)	2	24,000/- plus HRA (as applicable)	Master's degree with minimum of 60% aggregate marks in Zoology/Wildlife Science/ Life Sciences or Equivalent degree from a UGC recognized University.	<ul style="list-style-type: none"> Prior experience in field survey and data collection in IHR, familiar with conservation biology, proficiency in MS Office, and basic knowledge of statistical analysis. 	28	The candidates will conduct field surveys in the IHR to collect data on different vertebrate fauna. Candidates will also assist in data entry, analysis, and all other related works assigned.
Project- 1	Technical Assistant	1	20,000/- consolidated	Bachelor's degree from recognized university with minimum 50% marks.	<ul style="list-style-type: none"> Experience and proficiency in MS Office, data entry, and coordinate with researchers for the smooth functioning of the project. 	40	Technical assistant will carry out all required tasks both on and off the field to facilitate the smooth conduct of the project under the guidance of the RA & PI.

- Upper age limit may be relaxed as per Government of India rules and regulations for SC/OBC/ST candidates.; * JRF and JFP will promoted to SRF and SFP respectively after completion of two years and fellowship will be given as per the norms.



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Ministry of Environment, Forest and Climate Change
ZOOLOGICAL SURVEY OF INDIA

“CONSERVATION OF THREATENED MAMMALIAN FAUNA OF THE INDIAN HIMALAYAN REGION THROUGH SCALING UP LONG-TERM MONITORING, SECURING CORRIDORS, AND CAPACITY BUILDING”-

APPLICATION FOR THE POST OF – RA-III, RA-I, JRF, JPF, PROJECT ASSISTANT, TECHNICAL ASSISTANT (STRIKE OUT WHICHEVER IS NOT APPLICABLE)

1. Post Name: :
2. Name in full (in block letters) :
3. Sex and Date of Birth :
4. Nationality :
5. Father's /Husband name :
6. Address for correspondence :

Paste a recent
passport size
photograph with
signature

- a) Email:
- b) Mobile No.
7. Permanent Address :
8. Whether SC/ST/OBC (attach certificate) :

Please indicate your preference for the interview location by numbering the following choices as 1st, 2nd, and 3rd:

9. Mode of interview

SN.	Online	Office

10. Educational / Professional Qualifications from Matriculation onwards

Examination passed	Year	School/College/ University	Subjects	Marks obtained/CGPA
Matriculate				
Intermediate				
Bachelor degree				
Master Degree				
PhD				
Net/Gate/SLET				
Any other				

11. Details of Previous Employment, if any in chronological order

Sl. No.	Name of the Post	Name of the Institution/ Organization	Duration		Title of Work
			From	To	

12. Present pay scale, position held, basic pay, and total emoluments drawn

13. Title of Dissertation/ Thesis including a One Page Summary: [**Attach separate sheet**]

14. List of Publications:

Type of publication	Numbers*
Peer-reviewed journal articles SCI	
Technical/ Research Reports	
Books/ Book Chapters/ Manuals	
Others	

* Please enclose the list of Publication separately in a APA style [Authors details, year of Publication, title of Paper, Journal Name, DOI/Page Number/ Impact Factor]

15. Enclose copies of the three best scientific Publications:

16. Name and complete addresses of three Referees:

17. Any other information:

Declaration

I hereby declare that all the information furnished above are true to the best of my knowledge and belief. I shall abide by the terms and conditions specified in the project.

Applicant's signature with date