



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 30 Research Personal under NMHS funded Project

Applications are invited for the post of 30 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 Name: Conservation of Threatened Mammalian Fauna of the Indian Himalayan Region Through Scaling Up Long-Term Monitoring, Securing Corridors, and Capacity Building

LAST DATE OF APPLICATION: 22th April, 2024; 5: 00 PM IST

HOW TO APPLY: Candidates are requested to submit completed applications as per prescribed format [**Annexure 2**] accompanied by self 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 22.04.2024**, clearly indicating "Application for the post of RA-III/RA-I/JRF/JRA/FA under the NMHS funded project' on the envelope. An advance copy of application also be submitted through a google form [**Link: https://docs.google.com/forms/d/e/1FAIpQLSdzJuO45I1Likfiqzqe-IAmayG3G_qNGB-72Z_VNIRlnNdikw/viewform?vc=0&c=0&w=1&flr=0**]

PLACE OF WORK: The selected candidates will be required to undertake extensive travel to various regions, including (Chamba, Lahual-Spiti) Himachal Pradesh, (Pithoragarh,

Uttarkashi) Uttarakhand, (East, West District) Sikkim, (Darjeeling) North Bengal, (South Garo Hills) Meghalaya and (East Siang, West Kameng, Tawang district) Arunachal Pradesh, as well as other locations as per the project needs, including headquarters in Kolkata. Travel assignments may involve extensive field trips to remote localities of the IHR.

BELIEF ABOUT THE PROJECT: 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 for the effective conservation and management. The proposed project aims to address the pressing challenges faced by threatened mammals of the Indian Himalayan region (IHR) through a comprehensive and strategic approach.

PROJECT 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.

GENERAL INSTRUCTIONS:

1. The interview for candidate selection will be conducted in **OFFLINE MODE ONLY** at three locations mentioned in point no. 2 below. Applicants must indicate their preferred

interview location choices (1st, 2nd, and 3rd) in the application form given in point No. 9 under **Place of Interview**.

2. The interview will be held for the selection of candidates in three places: **1. Zoological Survey of India, Headquarter, M-Block, New Alipore, Kolkata – 700 053, West Bengal**
2. Northern Regional Centre of Zoological Survey of India, Kaulagahr Road, Dehradun-248001 Uttarakhand and **3. North Eastern Regional Centre. Zoological Survey of India. Risa Colony, Shillong-793003, Meghalaya**. The date and time of Interview will be separately communicated to the shortlisted candidates.
3. Candidates also have to fill the application through online google form before the last date of application using the link provided in the advertisement provided.
4. Candidates for all positions will undergo screening, and only shortlisted candidates will be invited for the interview. Selection will be based on interview performance and merit. Meeting the prescribed qualifications does not guarantee an interview invitation. Any attempt to conceal, misrepresent, or canvas facts will result in disqualification.
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. Shortlisted candidates must bring filled application forms and self-attested copies of documents during the interview for the verification.
8. Appointments are on a contractual basis for one year initially, and likely extendable based on project candidate performance up to three years.
9. No TA/DA will be provided for attending the interview.
10. Incomplete or misrepresented applications will not be considered.
11. No employment, paid or honorary, is permitted during the project tenure.
12. Candidates currently employed must provide a 'No Objection Certificate' at the time of interview.
13. 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

Position	Nos	Monthly Emoluments*	Qualification		Maximum Age (Years)#	Work Description
			Essential	Desirable		
Research Associate-III (RA-III)	2	Rs 54,000/- plus HRA (27%) as per NMHS norms	PhD in Zoology/Wildlife Science / Life Sciences or Equivalent degree from a recognized University.	<ul style="list-style-type: none"> • Minimum three years of fieldwork in the Indian Himalayan Region (IHR) focusing on mammals. • Expertise in using advance tools and methods in GIS, remote sensing, landscape ecology and other wildlife techniques. • Experience in study designing and coordinating projects, managing multi-disciplinary project teams, and overseeing field data collection. • Minimum 5 papers in peer-reviewed SCI indexed & high impact International Journals in relevant field. 	40	Contribute to the study design and development of research protocols for long-term monitoring of threatened mammalian species using both ecological and genetics based findings. Overall data collection, capacity building program including field surveys, camera trapping, radio-collaring, specimen sampling, manage and organize large datasets. Additionally, have to conduct statistical analyses and contribute to the interpretation of research findings under the project. Publication of research articles and reports. Coordination and overall supervision with other research personnel in project.
Research Associate-I (RA-I)	5	Rs 47,000/- + HRA (27%) as per NMHS norms	<p align="center">PhD in Zoology/Wildlife Science/Geoinformatics/(with master in life science)/Biotechnology/Conservation genetics/Genomics/Bioinformatics or Equivalent degree from a recognized University.</p> <p align="center">Or</p> <p>Candidates who have submitted PhD thesis in above subjects are also eligible to apply and will be considered as Senior Research Fellow until the PhD is awarded.</p>	<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. • At least 3 papers in peer-reviewed SCI index International Journals in relevant field. • Out of 5 RA-I one RA-I position is fixed for candidates with specialization in Conservation Genetics/Genomics. Proficiency in molecular biology techniques, including next-generation sequencing, and familiarity with various pipelines used in whole- 	35	The RA-I is require to participate in project activities as per their specialization. The RAs will be responsible for overall execution of field and lab based research activities which includes 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.

				genome sequencing (WGS), metagenomics, and metabarcoding.		
Junior Research Fellow (JRF)	8	Rs. 31,000/- + HRA (27%) as per NMHS norms for candidates qualified CSIR/UGC NET, GATE, or any other national level examination Or Candidates not falling into the above category will be paid Rs. 20,000/- + HRA per month as per the NMHS norms.	Master's degree with minimum of 60% aggregate marks in Zoology/Wildlife Science/Bioinformatics, Life Sciences, or Equivalent degree from a UGC recognized University.	<ul style="list-style-type: none"> • Minimum 1 year of research experience in conducting field Surveys/Conservation genetics. • Experience in data collection through basic field techniques viz., camera trapping, sign surveys, questionnaire surveys, and vegetation sampling. • Knowledge of molecular techniques. • Experience in using statistical software such as R programs, and statistical data analysis (Species distribution modeling, Occupancy modeling, GLM, etc) as well as in experience in GIS and remote sensing methods. • Proficiency in scientific writing. 	28	The candidates will be required to conduct field surveys in the IHR to collect data on mammals of the Indian Himalayan Regions. Candidates will also assist in data entry, data analysis, article & and report writing, and undertake any other tasks assigned by the PI under the project.
Junior Project Fellow (JPF)	12	Rs 20,000/- plus HRA (27%) following the NMHS norms	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, familiar with molecular genetics tools in 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 Assistant	1	Rs 30,000/- consolidated	Bachelor's degree from recognized university with minimum 50% marks.	<ul style="list-style-type: none"> • Minimum three years of experience in accounting and project management. • Higher degree in Finance/ accounting or management. • Proficiency working in different accounting software and MS office and Excel. 	35	Selected candidates have to manage day to day activity, financial management and other administrative work in HQ or in selected field sites.
Technical Assistant	2	Rs 20,000/- consolidated	Bachelor's degree from recognized university with minimum 50% marks.	Experience and proficiency in MS Office, data entry, and coordinate for the smooth functioning of the project	40	Technical assistant will carry out 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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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. Place of interview

SN.	Place Name	Preference
1	ZSI, HQ, Kolkata	
2	NRC, Dehradun	
3	NERC, Shillong	

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