

भारत सरकार

पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय

प्राणी सर्वेक्षण भारत (ZSI)

प्राणी विज्ञान भवन, एम-ब्लॉक, न्यू अलीपुर, कोलकाता-700053

वेबसाइट: www.zsi.gov.in

वॉक-इन-इंटरव्यू

04 अनुसंधान पदों के लिए संविदात्मक भर्ती

भारतीय नागरिकों से वन्यजीव सर्वेक्षण विभाग (ZSI), कोलकाता, 04 अनुसंधान पदों की भर्ती के लिए वॉक-इन-इंटरव्यू हेतु आवेदन आमंत्रित करता है। यह नियुक्तियाँ पूरी तरह से अस्थायी एवं संविदात्मक होंगी, प्रारंभ में एक वर्ष के लिए तथा परियोजना की अवधि अथवा प्रदर्शन के आधार पर तीन वर्षों या उससे अधिक तक बढ़ाई जा सकती हैं। सभी पद परियोजनाओं की अवधि के साथ सह-समाप्त होंगे। विवरण अनुच्छेद 1 में दिया गया है।

परियोजनाएँ:

- **परियोजना 1:** तुरगा पम्ड स्टोरेज परियोजना, अयोध्या हिल्स, पुरुलिया, पश्चिम बंगाल के आसपास के क्षेत्र में स्थल-विशिष्ट जैव विविधता मूल्यांकन (ZSI-Biodiversity assessment in Purulia)
- **परियोजना 2:** हिमालयीन स्वास्थ्य की सुरक्षा: वन्यजीवों में रोग सर्विलांस और जूनोटिक हॉटस्पॉट्स का एक स्वास्थ्य दृष्टिकोण से पता लगाना (ZSI-Integrated Disease Surveillance Project)

इंटरिम आवेदन प्राप्त करने की अंतिम तिथि (केवल सॉफ्ट कॉपी): 18 जुलाई 2025, शाम 6:00 बजे IST

आवेदन प्रक्रिया: उम्मीदवारों को निर्धारित प्रारूप (अनुच्छेद 2) में पूर्ण रूप से भरा हुआ आवेदन पत्र निम्नलिखित दस्तावेजों की स्व-प्रमाणित प्रतियों के साथ जमा करना होगा:

- शैक्षणिक योग्यता एवं अंक तालिकाएँ
- जन्म तिथि का प्रमाण
- प्रासंगिक अनुभव प्रमाण पत्र
- यदि कार्यरत हों तो अनापत्ति प्रमाण पत्र (NOC)
- यदि लागू हो तो छूट या रियायत के किसी भी दावे का प्रमाण
- ईमेल से आवेदन भेजें: zsiresearchproject@gmail.com
- 21 जुलाई 2025 को वॉक-इन-इंटरव्यू के समय भरे हुए आवेदन पत्र की हार्ड कॉपी साथ लाना अनिवार्य है।
- सभी आवेदकों को ZSI मुख्यालय, न्यू अलीपुर, कोलकाता में सुबह 09:30 बजे से रिपोर्ट करना होगा। साक्षात्कार केवल शारीरिक रूप (फिजिकल मोड) में लिए जाएंगे।

ईमेल का विषय इस प्रकार होना चाहिए:

“Application for the post of PS- I / PA [Project 1: ZSI-Biodiversity assessment in Purulia] or JRF [Project 2: ZSI-Integrated disease surveillance project]”

कार्यस्थल:

चयनित उम्मीदवारों को परियोजना की आवश्यकता के अनुसार पश्चिम बंगाल के पुरुलिया जिले (परियोजना 1) या अरुणाचल प्रदेश के तवांग एवं पश्चिम कामेंग, एवं उत्तर बंगाल के दार्जिलिंग क्षेत्र (परियोजना 2) में विस्तृत भ्रमण करना होगा। फील्ड कार्य की अवधि लंबी हो सकती है।

सामान्य निर्देश:

1. उम्मीदवारों को शारीरिक रूप से वॉक-इन-इंटरव्यू में भाग लेना होगा एवं Annexure II के अनुसार भरा हुआ आवेदन साथ लाना अनिवार्य है।
2. अंतरिम आवेदन ईमेल द्वारा नियत प्रारूप में सभी प्रमाण पत्रों की स्व-प्रमाणित प्रतियों के साथ भेजना अनिवार्य है।
3. सभी उम्मीदवारों को 21 जुलाई 2025 को सुबह 9:30 बजे ZSI मुख्यालय, न्यू अलीपुर, कोलकाता में रिपोर्ट करना होगा।
4. दस्तावेजों का सत्यापन साक्षात्कार के दिन किया जाएगा।
5. किसी भी जानकारी को छुपाना, गलत प्रस्तुत करना, या सिफारिश करना अयोग्यता का कारण बन सकता है।
6. आवेदन पत्र Zoological Survey of India की वेबसाइट <https://zsi.gov.in/advertisement> से डाउनलोड किया जा सकता है।
7. चयन समिति एक पैनल बनाएगी, जिसमें प्रतीक्षा सूची में प्रत्येक श्रेणी के लिए कम से कम तीन उम्मीदवार शामिल होंगे।
8. चयनित उम्मीदवारों को चयन के दो सप्ताह के भीतर कार्यभार ग्रहण करना अनिवार्य होगा।
9. सभी नियुक्तियाँ संविदात्मक होंगी, प्रारंभ में एक वर्ष के लिए और परियोजना की अवधि अथवा प्रदर्शन के आधार पर बढ़ाई जा सकती हैं।
10. अधूरे या गलत जानकारी वाले आवेदन अस्वीकृत कर दिए जाएंगे।
11. संविदा कार्यकाल के दौरान कोई अन्य नौकरी (पारिश्रमिकयुक्त या मानद) स्वीकार्य नहीं होगी।
12. वर्तमान में कार्यरत उम्मीदवारों को साक्षात्कार के समय अनापत्ति प्रमाण पत्र (NOC) प्रस्तुत करना होगा।
13. निदेशक, ZSI को पदों की संख्या बढ़ाने/घटाने, अभ्यर्थियों के चयन/अस्वीकरण, या विज्ञापन रद्द करने का अधिकार सुरक्षित है।
14. साक्षात्कार में शामिल होने के लिए कोई टीए/डीए नहीं दिया जाएगा।

अनुच्छेद 2: आवेदन पत्र का प्रारूप

भारत सरकार

पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय

वन्यजीव सर्वेक्षण विभाग (ZSI)

PS-I / PA / JRF पद हेतु आवेदन (जो भी लागू न हो, काट दें)

1. परियोजना का नाम:
2. पद का नाम:
3. पूर्ण नाम (ब्लॉक अक्षरों में):
4. लिंग और जन्म तिथि:
5. राष्ट्रियता:

6. पिता/पति का नाम:
7. पत्र व्यवहार का पता:
- ईमेल:
 - मोबाइल नंबर:
8. स्थायी पता:
9. क्या आप SC/ST/OBC हैं? (प्रमाण-पत्र संलग्न करें):
10. शैक्षणिक/व्यावसायिक योग्यता:

परीक्षा	वर्ष	संस्थान	विषय	अंक / CGPA
मैट्रिकुलेशन				
इंटरमीडिएट				
स्नातक				
परास्नातक				
पीएचडी				
नेट / गेट				
अन्य				

11. पूर्व रोजगार का विवरण (क्रमानुसार):

क्र.	पदनाम	संस्था	कार्य अवधि (से - तक)	कार्य का शीर्षक

12. वर्तमान वेतनमान, पदनाम, मूल वेतन, एवं कुल वेतन:
13. शोध प्रबंध/थीसिस का शीर्षक (एक पृष्ठ में संक्षेप में संलग्न करें):

14. प्रकाशनों की सूची:

प्रकाशन प्रकार	संख्या
पीयर-रिव्यू जर्नल (SCI)	
तकनीकी रिपोर्ट / शोध रिपोर्ट	
पुस्तकें / अध्याय / मैनुअल	
अन्य	

- कृपया प्रकाशनों की सूची एपीए शैली में अलग से संलग्न करें।

15. तीन प्रमुख वैज्ञानिक प्रकाशनों की प्रतियाँ संलग्न करें।

16. तीन संदर्भ व्यक्तियों का नाम एवं पूर्ण पता:

17. उद्देश्य विवरण (एक पृष्ठ में लिखें कि आप इस पद के लिए आवेदन क्यों कर रहे हैं):

घोषणा:

मैं यह घोषित करता/करती हूँ कि उपर्युक्त सभी जानकारी मेरी जानकारी एवं विश्वास के अनुसार सत्य है। मैं परियोजना द्वारा निर्धारित सभी नियमों और शर्तों का पालन करूँगा/करूँगी।

आवेदक का हस्ताक्षर

तिथि:

परिशिष्ट – 1

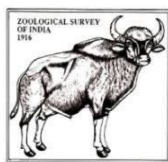
विज्ञापित पदों का विवरण

परियोजना	पद	संख्या	मासिक वेतनमान (HRA अतिरिक्त)*	योग्यता	अधिकतम आयु (वर्ष)#	कार्य का विवरण
परियोजना 1: तुरगा पंढ स्टोरेज परियोजना, पुरुलिया के आसपास जैव विविधता मूल्यांकन (ZSI – Biodiversity assessment in Purulia)	परियोजना वैज्ञानिक-I (PS-I)	01	₹77,000/- + HRA (प्रत्येक 2 वर्षों के अनुभव पर 5% वेतनवृद्धि)	अनिवार्य: Zoology/ Wildlife Science/ Biotechnology/ Environmental Science/ Bioinformatics में PhD वांछनीय: • मछलियों, पक्षियों या स्तनधारियों पर आधारित फील्ड आधारित अध्ययन में विशेषज्ञता • eDNA, PCR, अनुक्रमण (sequencing) में अनुभव • Illumina/ONT आधारित विश्लेषण और डेटा विश्लेषण टूल (जैसे R, QGIS) में दक्षता • न्यूनतम तीन SCI लेख प्रकाशित	35	• फील्ड सर्वेक्षण की योजना बनाना व निष्पादन (eDNA, कैमरा ट्रैपिंग, PAM) • eDNA संग्रहण, निष्कर्षण, अनुक्रमण • Illumina/ONT प्लेटफॉर्म पर जीनोमिक विश्लेषण • बायोइनफॉर्मेटिक्स व डेटा विश्लेषण • परियोजना निष्पादन व रिपोर्ट लेखन • कनिष्ठ शोधकर्ताओं को प्रशिक्षण देना • नियमित Purulia फील्ड भ्रमण करना
	परियोजना सहायक (PA)	02	₹31,000/- + HRA	अनिवार्य: Zoology/ Wildlife Science/ Biotechnology/ Microbiology/ Environmental Science/ Veterinary Science/ Bioinformatics या समकक्ष जीवन विज्ञान में स्नातकोत्तर + 2 वर्ष का अनुभव वांछनीय: • फील्ड कार्य (मछली, पक्षी, स्तनधारी) • DNA/RNA निष्कर्षण, PCR, अनुक्रमण • Illumina/ONT में कार्य अनुभव • R, QGIS का प्रयोग	35	• फील्ड सैंपलिंग व नमूना संग्रह • DNA/RNA निष्कर्षण, PCR, RT-PCR • Sanger/NGS/ONT अनुक्रमण में सहायता • डेटा विश्लेषण व रिपोर्ट लेखन • कठिन परिस्थितियों में स्वतंत्र कार्य करना

परियोजना 2: हिमालयी स्वास्थ्य सुरक्षा: वन्यजीव रोग सर्विलांस व ज़नोटिक हॉटस्पॉट्स (ZSI – Integrated Disease Surveillance Project)	जूनियर रिसर्च फेलो (JRF)	01	₹37,000/- + HRA (यदि CSIR/UGC-NET, GATE उत्तीर्ण) अन्यथा ₹24,000/- + HRA [NET-JRF पास उम्मीदवारों को ZSI में फेलोशिप सक्रिय करने हेतु सहायता प्रदान की जाएगी]	अनिवार्य: Zoology/ Wildlife Science/ Biotechnology/ Microbiology/ Parasitology/ Veterinary Science/ Bioinformatics/ Public Health/ MD या समकक्ष विषय में जीवन विज्ञान स्नातकोत्तर, न्यूनतम 60% अंकों के साथ वांछनीय: • DNA/RNA निष्कर्षण, PCR, RT-PCR, Sanger/NGS अनुभव • NGS/ONT में कार्य अनुभव • हिमालयी क्षेत्र में फील्ड वर्क का अनुभव	28	<ul style="list-style-type: none"> • भारतीय हिमालय क्षेत्र में फील्ड सैंपलिंग • वन्यजीव, पशुधन, मानव-पर्यावरण से नमूना संग्रह • PCR, RT-PCR, अनुक्रमण • फील्ड से लैब तक नमूना दस्तावेजीकरण • उच्च ऊंचाई व चुनौतीपूर्ण क्षेत्रों में कार्य • डेटा विश्लेषण, रिपोर्ट लेखन, प्रकाशन में योगदान
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आवेदन की तिथि के अनुसार अधिकतम आयु सीमा; आरक्षित वर्गों के लिए भारत सरकार के नियमों के अनुसार छूट लागू।

* दो वर्षों के बाद JRF को SRF में पदोन्नत किया जाएगा और मानदेय नियमों के अनुसार संशोधित होगा।



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

WALK-IN-INTERVIEW

Contractual Recruitment for 04 Research Positions

The Zoological Survey of India (ZSI) invites applications for WALK-IN-INTERVIEW from Indian nationals for the recruitment of **04 research personnel** on a purely temporary and contractual basis, initially for one year and extendable up to three years or longer based on the performance and or project duration. The positions are co-terminus with the respective projects, and details are given in Annexure 1.

Projects:

- **Project 1 : *Site-Specific Biodiversity Assessment in and around the Turga Pumped Storage Project, Ajodhya Hills, Purulia, West Bengal (Henceforth, ZSI-Biodiversity assessment in Purulia)***
- **Project 2 : *Protecting Himalayan Health: Landscape-Based Disease Surveillance in Wildlife and Exploring Zoonotic Hotspots through One Health Approach (Henceforth, ZSI-Integrated disease surveillance project)***

Last Date for receiving interim application (Soft copy only): 18th July 2025, 6:00 PM IST.

Application Procedure:

Candidates must submit an interim copy of the duly filled application in the prescribed format (Annexure 2) along with self-attested copies of:

- Educational qualifications and mark sheets
- Proof of date of birth
- Relevant experience certificates

- No Objection Certificate (if employed)
- Certified/ attested documents supporting any claim for relaxation or exemption, other than the prescribed qualifications (if applicable)
- Send applications via email to: zsiresearchproject@gmail.com.
- **The applicants has to bring the duly filled applications as per (Annexure 2) during the walk-in-interview on dated 21st July 2025.**
- **All applicants has to report to ZSI head quarters in New Alipore, Kolkata at 09:30 onwards, and interviews will be conducted in physical mode.**

The subject line in the mail must be clearly marked with:

“Application for the post of PS- I / PA [Project 1: ZSI-Biodiversity assessment in Purulia] or JRF [Project 2: ZSI-Integrated disease surveillance project]”

Place of Work:

Selected candidates will be required to travel extensively across Purulia (West Bengal) under project 1 or across Tawang & West Kameng (Arunachal Pradesh), Darjeeling (North Bengal) under project 2 or any other locations as per project needs. Field assignments may involve extended durations.

PROJECTS:

Project 1: Site-Specific Biodiversity Assessment in and around the Turga Pumped Storage Project, Ajodhya Hills, Purulia, West Bengal

Rationale

The Turga Pumped Storage Project in Ajodhya Hills, Purulia, West Bengal, entails significant infrastructure development, including the construction of upper and lower dams, an underground power house, and water diversion structures. These activities, while critical for energy security, are likely to alter the region’s ecological balance and impact local biodiversity through habitat fragmentation, changes in water regimes, noise pollution, and human encroachment. ZSI has been entrusted with the responsibility of scientifically assessing and monitoring the biodiversity implications of this project across pre-construction, construction, and post-construction phases over a span of eight years. Given the ecological sensitivity of the area, especially its role as a habitat for numerous fish, bird, and mammal species—including some listed in the IUCN Red List—the implementation of a science-driven, multi-taxa monitoring framework is imperative to

guide adaptive management and ensure compliance with environmental safeguards. The project aims to generate a robust biodiversity baseline and develop adaptive mitigation strategies for conserving fish, bird, and mammal populations affected by the Turga Pumped Storage Project. Through the integration of conventional field surveys and advanced molecular and acoustic tools, the project will provide science-based recommendations for long-term ecological sustainability and regulatory compliance, reinforcing India's commitment to environmentally responsible infrastructure development.

Objective1: To establish baseline data on species diversity, distribution, and population trends before, during, and after project construction by applying advanced scientific tools such as environmental DNA (eDNA) analysis, passive acoustic monitoring (PAM), and camera trapping for effective biodiversity monitoring.

Objective 2: To assess and monitor the impact of the Turga Pumped Storage Project on local and regional biodiversity, focusing on fish, bird, and mammal populations.

Objective 3: To generate evidence-based recommendations for biodiversity conservation and environmental management to support compliance with environmental regulations.

Project Implementing sites: Purulia, West Bengal.

Project 2 : Protecting Himalayan Health: Landscape-Based Disease Surveillance in Wildlife and Exploring Zoonotic Hotspots through One Health Approach

Rationale

Zoonotic diseases originating from wildlife pose a growing global threat, particularly with the increasing emergence of infectious diseases. Despite the high biodiversity of the central and eastern Himalayas, limited data exists on the diversity and distribution of zoonotic pathogens circulating in local wildlife populations. This project addresses this critical knowledge gap through an innovative, non-invasive approach to disease surveillance.

By analyzing blood-fed ectoparasites (e.g., ticks, mites, fleas, mosquitoes, leeches etc.) collected from wildlife, the project aims to detect bloodborne pathogens and assess their zoonotic potential using metagenomic analysis. This method bypasses the need for direct wildlife sampling, which is often challenging—especially for endangered species—and

provides a scalable and efficient model for surveillance. Anchored in the One Health framework, the project integrates wildlife health with public and environmental health concerns, recognizing their interconnectedness. It also seeks to develop rapid diagnostic PCR assays for key zoonotic diseases prevalent in the region, enabling timely detection and response. This research will contribute to global disease preparedness by advancing surveillance capabilities, informing policy, and promoting cross-sectoral collaboration. This project requires partnerships from experts in pathogen genomics, wildlife ecology, epidemiology, and diagnostic assay development to strengthen the scientific and practical impact of this initiative.

Objective1: Utilize hematophagous ectoparasites to diagnose bloodborne pathogens in free ranging wildlife in Central and Eastern Himalayas;

Objective 2: Assess the zoonotic potential of identified bloodborne pathogens by sampling both local communities and surrounding livestock, and analyze the disease hotspot in Central and Eastern Himalayas

Objective 3: Develop RT-PCR-based diagnostic assays for rapid disease surveillance, specifically targeting major zoonotic pathogens and producing trained professionals for monitoring wildlife health in Central and Eastern Himalayas through capacity building partnership development.

Project Implementing sites: Tawang & West Kameng (Arunachal Pradesh), Darjeeling (North Bengal).

GENERAL INSTRUCTIONS:

1. **Candidates have to attend Walk-In-Interview through Physical mode and has to bring the duly filled application as per Annexure II.**
2. Candidates have to submit the interim copy of duly filled application in the prescribed format (Annexure 2) along with self-attested copies of:
 - Educational qualifications and mark sheets
 - Proof of date of birth
 - Relevant experience certificates
 - No Objection Certificate (if employed)

- Certified/ attested documents supporting any claim for relaxation or exemption, other than the prescribed qualifications (if applicable)
 - Send applications via email to: zsiresearchproject@gmail.com.
3. **The applicants has to bring the duly filled applications as per (Annexure 2) during the walk-in-interview on dated 21st July 2025.**
 4. Document verification will be held on the date of interview, and therefore, **all applicants has to report to ZSI headquarters in New Alipore, Kolkata at 09:30 onwards on dated 21st July 2025, and all interviews will be conducted in physical mode.**
 5. Any attempt to conceal, misrepresent, or canvas facts will result in disqualification or debarring the candidate for interview.
 6. The application form is available for download on the Zoological Survey of India website: <https://zsi.gov.in/advertisement>.
 5. The Selection Committee shall recommend a panel of candidates based on the interview process, including a waitlist of at least three candidates for each category. Candidates on the waitlist may be offered the position in the event that any of the initially selected candidates decline the offer or vacate the position within six months of joining the project.
 6. Selected candidate has to join the project within two weeks of selection and h/she may be posted anywhere as per project requirements.
 7. Appointments are on a contractual basis for one year initially, and likely extendable based on project candidate performance up to three years or longer.
 8. Incomplete or misrepresented applications will not be considered.
 9. No employment, paid or honorary, is permitted during the Associateship tenure.
 10. Candidates currently employed must provide a 'No Objection Certificate' during the interview.
 11. The Director, of the Zoological Survey of India reserves the right to increase and 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.
 12. NO TA/DA will be paid to any candidate to attend the interview at ZSI-HQ, Kolkata.

Director

Zoological Survey of India

DETAILS OF THE POSITIONS ADVERTISED

Project	Position	Nos	Monthly Emoluments *	Qualification		Maximum Age (Years)#	Work Description
				Essential	Desirable		
Project 1: (ZSI-Biodiversity assessment in Purulia)	Project Scientist I (PS-I)	01	77,000/- + HRA Increment of 5% for every 2 years of experience subject to performance review	PhD in Zoology/ Wildlife Sciences/ Biotechnology/ Environmental Sciences/ Bioinformatics	<ul style="list-style-type: none"> Proven expertise in field-based wildlife studies, particularly in vertebrate taxa (fishes, birds, or mammals), using both traditional and modern techniques (e.g., eDNA analysis, passive acoustic monitoring, camera trapping). Demonstrated experience in molecular techniques such as DNA extraction, PCR, and sequencing for wildlife genetics or biodiversity assessment. Strong knowledge of e-DNA analysis using Illumina and or ONT platforms and biodiversity data interpretation, with proficiency in software such as R, QGIS, or relevant ecological modeling tools. Experience in writing scientific reports, peer-reviewed publications, and biodiversity conservation management plans. Excellent communication and coordination skills for liaising with project stakeholders, government agencies, and technical teams. At-least three relevant research publications in peer-reviewed SCI journals. 	35	<ul style="list-style-type: none"> Plan and execute field surveys using modern and traditional methods, including e-DNA analysis, camera trapping, passive acoustic monitoring (PAM), and habitat assessments. Undertake environmental DNA (eDNA) analysis for aquatic and terrestrial biodiversity assessment, including water sampling, filtration, DNA extraction, and amplification. Conduct genomic analysis using Illumina and Oxford Nanopore Technologies (ONT) platforms to generate high-throughput biodiversity data for species detection and population structure assessment. Analyze large datasets using bioinformatics, R, QGIS, and other ecological tools to interpret species diversity, habitat use, and ecosystem health. Ensure smooth execution of project deliverables, including coordination with field teams, scheduling of surveys, and equipment management. Prepare scientific reports, policy briefs, and publish research findings in peer-reviewed SCI journals to contribute to evidence-based conservation. Supervise and mentor junior researchers, ensuring technical quality and timely execution of tasks. Undertake regular field visits to the Purulia project site and oversee on-ground implementation of biodiversity monitoring protocols.

	Project Associate (PA)	02	31,000 + plus HRA as admissible	<p>Masters in Zoology/ Wildlife Sciences/ Biotechnology/ Microbiology/ Environmental Sciences/ Veterinary Science/ Bioinformatics</p> <p>or</p> <p>Equivalent degree in Life Sciences from a recognized University with minimum two years of experience in biodiversity monitoring, ecological surveys, or conservation biology using modern techniques including e-DNA analysis</p>	<ul style="list-style-type: none"> Working experience in field-based wildlife studies, particularly in vertebrate taxa (fishes, birds, or mammals), using both traditional and modern techniques (e.g., eDNA analysis, passive acoustic monitoring, camera trapping). Demonstrated experience in molecular techniques such as DNA extraction, PCR, and sequencing for wildlife genetics or biodiversity assessment. Working experience of e-DNA analysis using Illumina and/or ONT platforms and biodiversity data interpretation, with proficiency in software such as R, QGIS, or relevant ecological modeling tools. 	35	<p>- Conduct field sampling, and collect of biological specimens of large vertebrates using both traditional and modern techniques</p> <ul style="list-style-type: none"> - Perform molecular biology techniques such as DNA/RNA extraction, PCR, and RT-PCR - Prepare samples for and assist in Sanger sequencing, as well as Next-Generation Sequencing (NGS) and/or Oxford Nanopore Technology (ONT) platforms - Coordinate and document field-to-lab sample transfer, including proper metadata and storage protocols -Work independently and logistically challenging conditions as part of a multidisciplinary team - Contribute to data analysis, sample documentation, and preparation of technical notes, field reports, and scientific publications
Project 2: (ZSI-Integrated disease surveillance project)	Junior Research Fellow (JRF)	01	<p>37,000/- plus HRA as admissible for candidates qualified CSIR/UGC NET, GATE, or any other national level examination</p> <p>Or</p> <p>Candidates not falling into the above category will be paid Rs. 24,000/- plus HRA as admissible</p>	<p>Master's degree in Zoology/ Wildlife Sciences/ Biotechnology/ Microbiology/Parasitology/ Veterinary Science/ Bioinformatics/ Public Health/ MD or Equivalent degree in Life Science from a recognized University with minimum of 60% aggregate marks, or Equivalent degree from a UGC recognized University</p>	<ul style="list-style-type: none"> Working experience in molecular biology techniques, including DNA/RNA extraction, PCR, RT-PCR, and Sanger/NGS sequencing Hands-on experience with Next-Generation Sequencing (NGS) and/or Oxford Nanopore Technology (ONT), including workflow execution and library preparation Demonstrated fieldwork experience in the Indian Himalayan Region (IHR). 	28	<p>- Conduct field sampling in the Indian Himalayan Region (IHR), and collection of biological specimens from wildlife, livestock, and human-associated environments</p> <ul style="list-style-type: none"> - Perform molecular biology techniques such as DNA/RNA extraction, PCR, and RT-PCR - Prepare samples for and assist in Sanger sequencing, as well as Next-Generation Sequencing (NGS) and/or Oxford Nanopore Technology (ONT) platforms - Coordinate and document field-to-lab sample transfer, including proper metadata and storage protocols -Work independently and collaboratively in high-altitude, logistically challenging conditions as part of a multidisciplinary team

			[Candidates who have qualified the CSIR/UGC-NET JRF will be encouraged and supported to activate their fellowship through ZSI and will be provided necessary assistance to register for a Ph.D. program]				- Contribute to data analysis, sample documentation, and preparation of technical notes, field reports, and scientific publications
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- As on date of application, and Upper age limit may be relaxed as per Government of India rules and regulations for SC/OBC/ST candidates.; * JRF will be promoted to SRF after completion of two years and fellowship will be revised as per the norms.

Annexure 2



Government of India

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

APPLICATION FOR THE POST OF PS-I/PA/ JRF (STRIKE OUT WHICHEVER IS
NOT APPLICABLE)

1. **Project Name** :

2. Post Name: :

3. Name in full (in block letters) :

4. Sex and Date of Birth :

5. Nationality :

6. Father's /Husband name :

7. Address for correspondence :

a) Email:

b) Mobile No.

Paste a recent
passport size
photograph with
signature

8. Permanent Address :

9. Whether SC/ST/OBC :

(attach certificate)

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. Statement of Purpose (Write in one page for the motive to apply):

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