भारतीय वन्यजीव संस्थान
Wildlife Institute of India

Announcement

Qualifying Test and Interview to engage Research Fellows

The Wildlife Institute of India (WII) is a premier autonomous Institute under the Ministry of Environment, Forest & Climate Change, and Government of India, in the field of wildlife research, teaching and training. The Institute plans to engage following positions/ research personnel (**Indian national only**): **Junior Research Fellows (04), Senior Research Fellow (01) Junior Project Fellows (06), Junior Technical Assistant (01)** through a **Qualifying Test** followed by **Interview(s).** Details of the positions along with essential and desirable qualifications, brief description of work are given below:

I. Details of Positions

1.	**Project Title**	**Spatial Ecology of Himalayan Torrent Frog *Nanorana vicina* in response to Habitat dynamics**
	Position (Number)	**Junior Research Fellow (01)**
	Duration of Project	**Three years**
	Essential Qualification	Master's degree in Wildlife Biology / Zoology/ Forestry/ Environmental Science/ Life Sciences with 60% aggregated marks and above from a recognized university.
	Desirable Qualification	Field Experience in Herpetological research and handling herpetofauna.
	Description of Work	Work involves knowing ecology and breeding biology of the study species. Main objectives of the project are to determine movement pattern, home range and habitat selection in the study species using radio-telemetry. This study also requires studying connectivity among subpopulation of the species and identifying factors that influence adult, juvenile and larval movement of the species using mark recapture technique. Candidates having Keen desire to carryout field work with minimum logistics support in mountain and stream habitats of Uttarakhand need to apply.
2.	**Project Title**	**Atlas of colonial nesting waterbirds in the east coast states of India**
	Position (Number)	**Junior Technical Assistant (01)**
	Duration of Project	**Two years**
	Essential Qualification	Bachelors' Degree in any discipline with 60% aggregated marks and above from a recognized university.
	Desirable Qualification	Good command over written and spoken English, Interest to carry out both desk based and field based research.
	Description of Work	The study involves carrying out a survey for colonial nesting birds and heronries in coastal states of Tamil Nadu, Andhra Pradesh, Odisha and West Bengal. Assist the project team in day to day activities and functioning of the project both at Headquarters and in the field.

3.	**Project Title**	**Study on Ecology and Migratory Patterns of Golden Mahseer (*Tor putitora*) in River Ganga using Radio Telemetry Techniques**
	Position (Number)	**Junior Research Fellow (01)**
	Duration of Project	**Three years**
	Essential Qualification	Masters Degree in Zoology/ Fishery Science/ Wildlife Biology/ Wildlife Science/ Environmental Science/Life Sciences with a minimum of 60% aggregate marks from a recognized University.
	Desirable Qualification	Experience in Aquatic Ecology, River Ecology, Aquatic habitat assessment, Fish Biology and Telemetry techniques.
	Description of Work	The project aims to document ecology of golden mahseer, which includes habitat use, home range estimation, track spawning migratory routs and identify fish spawning ground using telemetry method. The work is a field based programme, hence the researcher who will be selected has to spend more time along the rivers of Uttarkhand and carryout the above task.
4.	**Project Title**	**Assessment and monitoring of climate change effects on wildlife species and ecosystems for developing adaptation and mitigation strategies in the Indian Himalayan region**
	Position (Number)	**Junior Project Fellow-Bird (01)**
	Duration of Project	**Three years**
	Essential Qualification	Master's 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.
	Desirable Qualification	Prior experience and interest in field data collection for birds and their habitats. Data analysis and interpretation skills. Science writing and communication skills.
	Description of Work	The position involves baseline data (primary/secondary) collection on birds of the Indian Himalayan Region and impacts on birds due to climate changes and anthropogenic drivers and socio-economic parameters; undertake intensive research on database and scenario building for ecological parameters with respect to climatic variables. Only Candidates who are willing to work in arduous field conditions in remote locations of the Indian Himalayan Region with limited logistic support need apply.
5.	**Project Title**	**Human-wildlife conflict resolution mechanism in the Indian Himalayan region: Risk assessment, prediction, and management through research and community engagement**
	Position (Number)	**Junior Project Fellow-HWC (03)**
	Duration of Project	**Two years**
	Essential Qualification	Master's 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.
	Desirable Qualification	Experience /interest in: field data collection for mammals; abundance estimation and analysis; behavioural studies. Remote sensing & GIS. Human dimensions of wildlife management, working with communities to reduce conflicts.

	Description of Work	The position involves action research on the problem of human-wildlife conflict to evolve feasible solutions in mitigating it in the IHR. The candidate is expected to carryout field research in close coordination with the State Forest /Wildlife Department officials and field staff, and local communities under the supervision of the WII faculty. Development of spatial database on human-wildlife conflicts and risk prediction using RS & GIS tools, Develop and implement mitigation measures for human-wildlife conflict with regard to the target species (Snow leopard, Common leopard, Himalayan brown bear, Asiatic black bear, Wild pig and Rhesus macaque) in remote high altitude sites in the Indian Himalayan region through community engagement. Only Candidates who are willing to work in arduous field conditions in remote location of the Indian Himalayan Region with limited logistic support need apply.
6.	**Project Title**	**Spatio-temporal and Thermal Ecology of Indian Python (*Python molurus molurus* Linn.1758) in Moyar River Valley, Tamil Nadu**
	Position (Number)	**Junior Research Fellow (01)**
	Duration of Project	**Three years**
	Essential Qualification	Master's degree in Wildlife Biology/Zoology/ Forestry/Botany/Environmental Science/ Life Sciences/Geo-Informatics or any comparable discipline with a minimum of 60% aggregate marks from a recognized University
	Desirable Qualification	1. Research experience in radio-telemetry, vegetation quantification, animal census techniques and handling herpetofauna; understanding of Tamil language. 2. Keen desire to carryout fieldwork with minimum logistics support in remote areas. Interest in scientific work, high motivation, very good organizational skills and interest to work in interdisciplinary team. 3. Analytical, scientific communication and working experience in GIS.
	Description of Work	The project aims to study the movement ecology and thermal biology of Indian Python. In addition, baseline data (primary/secondary) collection for the project, which includes field / questionnaire surveys for people perception towards snakes, anthropogenic impacts on wildlife and their habitats in the study area. Lead the project team in day-to-day activities and functioning of the project in the field. Only Candidates who are willing to work in arduous field conditions in remote location of the Moyar River Valley, Tamil Nadu with limited logistic support need to apply.
7.	**Project Title**	***Panthera tigris* genome: Implications in forensics and conservation. Phase II –DNA profiling of tiger populations from southern, eastern and northeast India**
	Position (Number)	**Junior Project Fellow (01)**
	Duration of Project	**Two Years**
	Essential Qualification	Master's in Wildlife Science/Biological Sciences/Environmental Sciences/ Environmental Management/Biotechnology or any comparable discipline with a minimum of 60% aggregate marks from a recognized University
	Desirable Qualification	Experience in using molecular tools in wildlife research and GIS knowledge
	Description of Work	Required to visit different tiger reserves for sample collection, use different molecular techniques of tiger samples and use software for understanding spatial and population genetics

8.	**Project Title**	**Assessment and monitoring of Climate change effects on wildlife species and ecosystems for developing adaptation and mitigation strategies in the Indian Himalayan region**
	Position (Number)	**Junior Project Fellow-Human Ecology (01)**
	Duration of Project	**Three years**
	Essential Qualification	Master's Degree in Wildlife Sciences/ Forestry/ Environmental Sciences or Management/ Life Sciences/ Biodiversity and Conservation/ Natural Resource Management with a minimum of 60% aggregate marks from a recognized University.
	Desirable Qualification	Prior experience and/or interest in field data collection/ questionnaire surveys for natural resource dependency by local communities, socio-economic surveys, human-wildlife conflict or interface issues, evaluation of ecosystem services Data analysis and interpretation skills, working with local communities Science writing and communication skills
	Description of Work	The position involves baseline data (primary/secondary) collection for the human ecology component of the project which includes, field / questionnaire surveys for natural resource use by local communities, evaluation of ecosystem services, and anthropogenic impacts on wildlife and their habitats in the Indian Himalayan Region. Assessment of impacts due to climate change/ variability, erratic weather events, and natural disasters on local human communities and their adaptation to these emerging threats. Only Candidates who are willing to work with local communities in the Indian Himalayan Region under tough field conditions need apply.
9.	**Project Title**	**Dissemination and evaluation of technologies through networking of various institutes and organization of mountain ecosystem** **Duration: Three years**
	Position (Number)	**Senior Research Fellow (01)**
	Duration of Project	**Three years**
	Essential Qualification	Masters' in Wildlife Sciences/Zoology/Life Sciences/Forestry/Environmental Management or any other subject related to biodiversity and conservation with a minimum aggregate score of 60%.
	Desirable Qualification	• Minimum of two years research experience preferably in conducting socio-economic and research monitoring work. • Proficiency in using computers and good writing skill in English language.
	Description of Work	• Monitoring of livelihood intervention projects funded by DST'S TIME-LEARN (Technology Intervention for Mountain Ecosystem: Livelihood Enhancement through Action Research & Networking) Programme. • Review past TIME and decide future TIME program with changing priorities and needs to mitigate rapidly degenerating mountain values. • Develop scientific strategies for livelihood interventions, which are locally developed and implemented with community participation.

10.	**Project Title**	**Understanding the Amur falcon *Falco amurensis*, their stop-over sites in Nagaland and their migratory routes for better conservation planning**
	Position (Number)	**Junior Research Fellow (01)**
	Duration of Project	**Three years**
	Essential Qualification	Masters' Degree in Wildlife Science/Zoology/Botany /Life Science/ Biological Sciences/ Environmental Sciences/Biotechnology or any comparable discipline with a minimum of 60% aggregate marks from a recognized University.
	Desirable Qualification	Candidates with prior experience of working on birds, or have carried out field surveys involving population estimation and or ecological studies on other wildlife species.
	Description of Work	Along with satellite tracking the study will involve carrying out extensive field surveys in Nagaland to identify and map Amur Falcon roost sites. And carry out a detailed examination of diet of the falcons through analysis of regurgitated pellets. Additionally, the study will focus on termite ecology, the main prey of Amur Falcons in Nagaland. The project assistant is expected to be highly motivated and have the ability to work in harsh environments that will involve trekking to different sites in mountainous terrain.

Age criteria and monthly fellowship of the advertised positions are as follows

S. No.	Position	Upper Age Limit	Age relaxation	Monthly Fellowship
1.	Junior Research Fellow	**28 years**	The upper age limit may be relaxed up to 5 years for the candidate(s) belonging to SC/ST/OBC/Women and Physically Challenged category.	Rs. 25,000/- + HRA (as admissible)
2.	Senior Research Fellow	**32 years**	-do-	Rs. 28,000/- + HRA (as admissible)
3.	Junior Project Fellow	**30 years**	-do-	Rs. 25,000/- + HRA (as admissible)
4.	Junior Technical Assistant	**26 years**	-do-	16000 + HRA (as admissible)
5.	Junior Project Fellow-HWC	**30 years**	-do-	Rs. 16,000/- + HRA (as admissible)