

## 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, 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 (03 nos.), Junior/Senior Project Fellow (Bird component) (01 no.), Junior Project Fellow (01 no.), Research Associates (01 no.), Project Associate (01 no.), Forensic Researcher (02 nos.) 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:

1	Project Title	<b>Influence of micro-climatic variables on herbaceous plant communities in tree-line ecotone in the Himalaya</b>
	Positions and duration	<b>Junior Research Fellow- 02 nos.</b> Duration: One year (may be extended for 1-2 yrs)
	Essential Qualification	M. Sc. from the recognized university with minimum 60% marks in Botany/ Forestry/Environmental Science
	Desirable Qualification	Research experience on Floristic/Ecological Survey/Climate change. Only candidates with strong physical and mental abilities and a keen desire to carryout arduous field work in the remote and rugged high altitude areas of Uttarakhand under extreme cold or rainy conditions with minimal logistic support may apply.
	Description of Work	The work elements of the project are: Community structure and diversity patterns across the elevation gradient and their relationship with micro-environment; and the community dynamics (structural: biomass and standing state of nutrients; and functional: productivity, phenology, nutrient dynamics) of sub-alpine and alpine meadows with respect to snow melt water.
2	Project Title	<b><i>Dissemination and evaluation of technologies through networking of various institutes and organization of mountain ecosystem.</i></b>
	Positions and duration	<b>Junior Research Fellow (JRF)- 1 Nos</b> Duration: One year (may be extended for 1-2 yrs)
	Essential Qualification	M.Sc from the recognized university 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	<ul style="list-style-type: none"> <li>• Minimum one year research experience preferably in conducting socio-economic and research monitoring work.</li> <li>• Proficiency in using computers and good writing skill in English language.</li> <li>• UGC/CSIR NET JRF qualified.</li> </ul>

	Description of Work	<ul style="list-style-type: none"> <li>• Monitoring of livelihood intervention projects funded by DST'S TIME-SEED (Technology Intervention for Mountain Ecosystem: Livelihood Enhancement through Action Research &amp; Networking) Programme.</li> <li>• Review past TIME and decide future TIME program with changing priorities and needs to mitigate rapidly degenerating mountain values.</li> <li>• Documentation of technological initiatives taken by different organizations.</li> <li>• Writing of reports and maintain liaison with different agencies working under TIME-LEARN Programme</li> </ul>
3	Project Title	<b>Assessment and Monitoring of Climate Change Effects on Wildlife Species and Ecosystems for Developing Adaptation and Mitigation Strategies in the Indian Himalayan Region (NMSHE Project)</b>
	Positions and duration	<b>Senior/Junior Project Fellow: 01 (one) – Bird Component</b> Duration: One year (may be extended for 1-2 yrs)
	Essential Qualification	M.Sc from the recognized university 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%.  <b>Candidates with two years field research experience will be considered for Senior Project Fellow (SPF).</b>
	Desirable Qualification	Bird identification skills. Experience/interest in field data collection on birds or work experience in the Himalayan region. Science writing and communication skills
	Description of Work	Field data collection on bird communities, impacts on birds due to anthropogenic and climate drivers.  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). The selected candidate would be liable to serve at any field location decided by the Institute as per functional needs.
4	Project Title	<b><i>Panthera tigris</i> genome: Implications in forensics and conservation. Phase II –DNA profiling of tiger populations from southern, eastern and northeast India</b>
	Positions and duration	<b>Junior Project Fellow: 01 (one)</b> Duration: One year (may be extended for 1-2 yrs)
	Essential Qualification	M.Sc from the recognized university in Wildlife Science/Biological Sciences/Environmental Sciences/Environmental Management/Biotechnology with a minimum aggregate score of 60%.

	Desirable Qualification	Preference will be given having 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
5	Project Title	<b>Human-wildlife conflict resolution mechanism in the Indian Himalayan Region: Risk assessment, Prediction, and Management through Research and Community engagement (NMHS-HWC Project)</b>
	Positions and duration	<b>Project Associate: 01 (one)</b> Duration: One year (may be extended for 1-3 yrs)
	Essential Qualification	Ph.D. in Wildlife Science /Zoology/ Environmental Science or Management or related subject
	Desirable Qualification	Experience of working in the Indian Himalayan Region, human-wildlife conflicts issues, Knowledge/ experience in abundance estimation, telemetry, socio-economic/attitude/conflict surveys, and conflict resolution methods. Knowledge in the use of data analytical software relevant to wildlife sciences
	Description of Work	Undertake basic and applied oriented research in the Indian Himalayan Region (IHR) including working with local communities to address the challenges of human-wildlife conflicts.  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). The selected candidate would be liable to serve at any field location decided by the Institute as per functional needs.
6	Project Title	<b>Research laboratory, Wildlife Institute of India</b>
	Positions and duration	<b>Research Associate-I - 01 (one)</b> Duration: 1 year
	Essential Qualification	Ph.D. degree in Zoology/ Fishery Science/ Wildlife Biology/ Wildlife Science/ Environmental Science/Life Sciences/ Instrumentation technology from a recognized University.
	Desirable Qualification	Working Experience in Instruments like, Nitrogen Analyzer, Fiber analyzer, Spectrophotometer, Atomic Absorption Spectrometer, HPLC and Chromatography equipment

	Description of Work	Candidate should carryout Nutrient and Biochemical analysis of various biological samples assigned. Also involve in routing maintenance of laboratory equipment and proving assistance in the laborite stock maintenance.
7	Project Title	<b>Wildlife Forensic Lab</b>
	Positions and duration	<b>Forensic Researcher - 02 nos.</b> Duration: 2 years
	Essential Qualification	M.Sc. in Biotechnology/Forensic Science/Wildlife Science from a recognized university with minimum 60% marks
	Desirable Qualification	Preference will be given to candidate who will be having experience on modern tools used in DNA based research and forensic applications.
	Description of Work	Selected candidate(s) will have to assist in the molecular analysis pertaining to wildlife forensics cases and other assigned work(s) by the Nodal Officer of WFC.

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	Junior Project Fellow	30 years		Rs. 25,000/- + HRA (as admissible)
3	Senior Project Fellow	35 years		28000 + HRA (as admissible)
4	Project Associate	45 years		Rs. 36,000/- + HRA (as admissible)
5	Research Associate-I	40 years		Rs. 36,000/- + HRA (as admissible)
6	Forensic Researcher	28 years		Rs. 25,000/- + HRA (as admissible)

## Syllabus

Question paper will be General and Subject Knowledge specific based on syllabus of M.Sc. in Wildlife Science, Environmental Science, Natural Resource Management, Forestry, Veterinary Science, Agricultural Science, Technology/Engineering (Aeronautical/ Aerospace/ Mechatronics/ Robotic/ Electrical/ Electronics) and M.A. course in Social Science, Economics, Mass Communication, Anthropology and Psychology.