



भारतीय वन्यजीव संस्थान  
Wildlife Institute of India

## ANNOUNCEMENT

### Recruitment of Research Personal

(ADVT. NO.: WII/RC-CELL/RSCHRS-Selection-2020/A.1.20)

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 invites application from the Indian nationals for the position of Project Scientist (02), Junior Research Fellow (04), Senior Research Fellow (01), Junior Project Fellow (08), Senior Project Associate (01) Project Associate (05), Project Fellow (4), Junior Technical Assistant (05), Research Assistant (05), Laboratory Assistant (01) through a Qualifying test followed by Interview(s). Details of the positions along with essential and desirable qualifications, brief description of work, age criteria and monthly fellowships are given in **Annexure-1**.

## Requirement of research personnel for Recruitment-2020 (Part 1)

Name of Project	Position and no.	Upper Age Limit*	Fellowship	Duration	E.Q./D.Q.	Description of work
Estimation of economic losses in real term per hectare basis due to forest fire in Uttarakhand and Madhya Pradesh	Project Associate  01 no.	45	Rs. 36000 + HRA	2 years	<p><b>EQ:</b> Masters in Forestry/Botany/Zoology/Ecology/Wildlife Science/Geo-informatics from a recognized University with 60% marks and Ph. D. degree or minimum 3 years' experience in relevant field.</p> <p><b>DQ:</b> Preference will be given to the candidate having working experience in Ecological economics/Environmental accounting/RS &amp; GIS related studies. The candidate should have experience in habitat quantification using different approaches, wildlife surveys, occupancy analysis, population estimation.</p>	Required to stay at the proposed study areas and designing study plans and to coordinate with project biologists and guiding them in collecting data on habitat quantification, wildlife surveys, occupancy analysis, population estimation work etc. and report writing.
	Junior Technical Assistant  02 no.	26	Rs 16000 + HRA	2 years	<p><b>EQ:</b> Masters in Forestry/Botany/Zoology /Ecology/Environmental Economics/Wildlife Science/ Geo-informatics from a recognized University with 60% Marks.</p> <p><b>DQ:</b> Preference will be given to the candidate having working experience in Ecological economics/Environmental accounting/RS &amp; GIS related studies. The candidate should have experience in habitat quantification using different approaches, wildlife surveys, occupancy analysis, population estimation. Additional knowledge of GIS and Statistics will be an advantage.</p>	Required to stay at the proposed study areas and collecting data on habitat quantification, wildlife surveys, occupancy analysis, population estimation work etc. and report writing.

<b>Monitoring Freshwater Fish population in selected Indian Landscapes with reference to the changing climatic variables</b>	Project Scientist <b>01 no.</b>	35	Rs. 56000 + HRA	3 years	<p><b>EQ:</b> PhD Degree in Zoology/ Fishery Science/ Wildlife Science/ Environmental Science/Life Sciences from a recognized University.</p> <p><b>DQ:</b> Experience in Aquatic Ecology/ River Ecology/ Fish habitat Assessment/ Fish Biology. Experience in analyzing species distribution models and other quantitative science</p>	The Project Scientist should provide field training to Research Biologist for effective field data collection and involves all activates related to LTEO programme, including data analysis, report writing and communicating with Project Coordinating Cell.
	Junior Project Fellow <b>01 no.</b>	30	Rs. 25000 + HRA	3 years	<p><b>EQ:</b> MSc Degree in Zoology/ Fishery Science/ Wildlife Science/ Environmental Science /Life Sciences with minimum of 60% aggregate marks from a recognized University.</p> <p><b>DQ:</b> Research Experience in Aquatic Ecology/ River Ecology/ Fish Biology. Knowledge of field data collection methods, stream habitat assessment, data base management, GIS and basic statistical analysis.</p>	The Project Fellow should involve in regular field data collection, analysis and report writing, also assist with Project Scientist and PI for implementing the LTEO project mandate.
	Junior Technical Assistant <b>01 no.</b>	26	Rs 16000 + HRA	3 years	<p><b>EQ:</b> Bachelor Degree in any discipline related to Biological Science/ Life Science/ Ecological science, BSc Agriculture degree from a recognized University.</p> <p><b>DQ:</b> Knowledge on Computer operating system, Data base management, GIS and basic statistical analysis.</p>	The candidate should assist with PI for managing data set, record keeping and assist in drafting documents and reports

<b>Basic Study Design of Biodiversity Assessment for Himachal Pradesh</b>	Junior Project Fellow (Vegetation & GIS component) <b>01 no.</b>	30	Rs. 25000 + HRA	1 year	<p><b>EQ:</b> M.Sc. Degree in Botany/Forestry/Wildlife Science/ Environmental Science/Environmental Management/ Geo-Informatics (Forest Mapping) with minimum of 60% aggregate marks from a recognized University</p> <p><b>DQ:</b> 1. Research experience on Floristics/Ecological surveys/RS &amp; GIS/Vegetation Mapping and modelling related studies in western Himalaya, database management and basic statistical analysis. 2. Only candidates with strong physical and mental abilities and a keen desire to carryout arduous field work from foot hills to the remote and rugged high altitude areas of Himachal Pradesh under extreme cold or rainy conditions with minimal logistic/connectivity support.</p>	The Project Fellow will be involved with a team in regular field data collection, analysis and report writing and also assist, PIs, Project Associate and other project colleagues to develop vegetation and species distribution maps.
	Junior Project Fellow (Entomofaunal diversity) <b>01 no.</b>	30	Rs. 25000 + HRA	1 year	<p><b>EQ:</b> M.Sc. Degree in Zoology/Entomology/ Wildlife Science/ Environmental Science with minimum of 60% aggregate marks from a recognized University</p> <p><b>DQ:</b> Research experience on entomological aspects of Himalayan region with field and analytical skills. Knowledge of biodiversity assessment methods, scientific communication skills and bio-statistical software.</p>	The Project Fellow will be involved with a team in regular field data collection, identification of insects, database generation for geo-spatial modelling and report writing. Assist Project Associate and PIs for implementing project mandate.
	Junior Project Fellow (Aquatic Diversity) <b>01 no.</b>	30	Rs. 25000 + HRA	1 year	<p><b>EQ:</b> MSc Degree in Zoology/ Fishery Science/ Wildlife Science/ Environmental Science /Life Sciences with minimum of 60% aggregate marks from a recognized University.</p> <p><b>DQ:</b> Research Experience in Aquatic Ecology/ River Ecology/ Fish Biology. Knowledge of field data collection methods, stream habitat assessment, data base management, GIS and basic statistical analysis.</p>	The Project Fellow will work with a team in regular field data collection, database generation for geo-spatial modelling analysis and report writing, also assist with Project Associate and PIs for implementing project mandate.

<p>Junior Project Fellow (Herpetological diversity) <b>01 no.</b></p>	<p>30</p>	<p>Rs. 25000 + HRA</p>	<p>1 year</p>	<p><b>EQ:</b> MSc Degree in Zoology/ Wildlife Science/ Ecology and Environmental Science /Life Sciences with minimum of 60% aggregate marks from a recognized University.</p> <p><b>DQ:</b> Research Experience in Herpetology. Field experiences in wildlife survey techniques. Basic knowledge in taxonomy, molecular techniques, GIS and statistical analysis.</p>	<p>The Junior Project Biologist will be responsible for field survey, database generation distribution modelling, data analysis and scientific writing. He/she also needs to work as a team and assist Project Associate and PIs for implementing project mandate.</p>
<p>Junior Project Fellow (Mammalian diversity) <b>01 no.</b></p>	<p>30</p>	<p>Rs. 25000 + HRA</p>	<p>1 year</p>	<p><b>EQ:</b> M.Sc. Degree in Zoology/Wildlife Science/Forestry (Wildlife) /Environmental Management with minimum of 60% aggregate marks from a recognized University</p> <p><b>DQ:</b> 1. Research experience on mammalian ecological surveys, RS &amp; GIS, related studies in western Himalaya. Quantitative skills in biodiversity assessment and population ecology. 2. Only candidates with strong physical and mental abilities and a keen desire to carryout arduous field work from foot hills to the remote and rugged high altitude areas of Himachal Pradesh under extreme cold or rainy conditions with minimal logistic/connectivity support.</p>	<p>The Project Fellow will be involved with a team in regular field data collection, database generation for geo-spatial modelling analysis and report writing. Assist Project Associate and other project colleagues to develop the species distribution maps.</p>
<p>Project Associate <b>01 no.</b></p>	<p>35</p>	<p>Rs. 35000 + HRA</p>	<p>1 year</p>	<p><b>EQ:</b> PhD Forestry/Wildlife Sciences/Zoology/Ecology from a recognized university <b>Or</b> Should have <b>Three years' experience</b> in relevant field of designing, surveying, analyzing and reporting of biodiversity assessments after Master Degree with minimum 60% marks in the field of Wildlife Science/ Zoology/ Forestry/ Ecology/Environment Science from a recognized University.</p> <p><b>DQ:</b> Candidate should have proven written and communication skills in science. The candidate should have experience in wildlife survey, occupancy analysis, population estimation, habitat quantification using different approaches. Candidates with knowledge of bio-statistical softwares, R and current ecological tools for biodiversity assessment will be preferred.</p>	<p>Lead a team of researchers in regular field data collection, analysis and report writing and also assist, PIs, and other project colleagues. The candidate will be responsible for various works under the project at Himachal Pradesh from its inception to the end.</p>

<b>NMHS - Himalayan Alpine Biodiversity Characterisation and Information System Network</b>	Junior Research Fellow <b>01 no.</b>	28	Rs. 31000 + HRA	3 year	<p><b>EQ:</b> Masters' Degree in Botany/ /Life Science /Environmental Sciences/Geo-informatics or equivalent from a recognized University with a minimum of 60% aggregate marks.</p> <p><b>DQ:</b> Preferably having one year of experience required on plant ecology, identification, survey and techniques, GIS-RS softwares and most importantly keen desire to carryout arduous field work in remote and rugged terrain.</p>	The study involves conducting field research activities, including plant ecological monitoring, biodiversity characterization, ecological modelling, plant community analysis, report writing and any tasks assigned.
<b>Assessment of disease prevalence in ungulates in Mizoram</b>	Junior Research Fellow <b>01 no.</b>	28	Rs. 31000 + HRA		<p><b>EQ:</b> M.Sc. in Life Sciences/ Wildlife/ Botany/ Zoology/Statistics/ M.V.Sc or related subjects with minimum 1-year experience</p> <p><b>DQ:</b> Prior experience and aptitude for working in rigorous field conditions; knowledge of sampling methods/basic statistics</p>	Candidate will conduct population assessment, ecology, and related research work
<b>Securing habitats for threatened mountain ungulates through robust population assessment and conservation planning</b>	Junior Research Fellow <b>01 no.</b>	28	Rs. 31000 + HRA		<p><b>EQ:</b> M.Sc. in Life Sciences/ Wildlife/ Botany/ Zoology/Statistics or related subjects with minimum 1-year experience</p> <p><b>DQ:</b> Prior experience and aptitude for working in rigorous field conditions; knowledge of sampling methods/basic statistics</p>	Candidate will conduct population assessment, ecology, and related research work
<b>Ecological impacts of major invasive alien plants (IAPs) on native flora in Rajaji Tiger Reserve, Uttarakhand</b>	Junior Technical Assistant <b>02 No.</b>	30	Rs. 16000 + HRA	01 year	<p><b>EQ:</b> M.Sc. in Life Sciences/ Wildlife/ Botany/Forestry</p> <p><b>DQ:</b> Knowledge of Vegetation Science and ability to work in rigorous field conditions</p>	Candidate will conduct vegetation survey and related research work

<b>Assessment of spatial and temporal occupancy of tiger and elephant in relation to habitat characteristics and anthropogenic factors for the creation of Eco-Sensitive Areas in Sawantwadi and Dodamarg talukas of Sindhudurg district in Western Ghats of Maharashtra, India</b>	Project Associate-II (Ecology) <b>01 no.</b>	35	Rs. 35000 + HRA	18 months	<b>EQ:</b> 1. M.Sc in Life Sciences/ Wildlife Sciences/ Forestry/ Remote Sensing from a recognized university. 2. Four years of experience in wildlife survey, knowledge of GIS, data analysis, report writing. OR Doctoral degree in wildlife related subject  <b>DQ:</b> Experience in occupancy, population estimation, habitat quantification using different approaches	Required to visit areas of Maharashtra and Karnataka for data and samples collection and undertake required analysis
	Project Associate-II (Genetics) <b>01 no.</b>	35	Rs. 35000 + HRA	18 months	<b>EQ:</b> 1. M.Sc in Life Sciences/ Wildlife Sciences/ Forestry/ Biotechnology/Animal Genetics/ Environmental Science/ Environmental Management from a recognized university. 2. Four years of experience in DNA related techniques in identifying species and other genetic parameters from faecal matter of tiger, leopard, elephants, collection of samples, wildlife survey, knowledge of GIS, data analysis, report writing. OR Doctoral degree in wildlife genetics related subject  <b>DQ:</b> Lab experience in DNA extraction, PCR amplification, electrophoresis and genetic data analysis.	Required to visit areas of Maharashtra and Karnataka for data and samples collection and undertake required analysis
	Laboratory Assistant <b>01 no.</b>	50	Rs. 20000 + HRA	18 months	<b>EQ:</b> B.Sc. (Life Sciences)  <b>DQ:</b> Preference will be given to candidate having Lab experience in DNA extraction, PCR amplification, electrophoresis and genetic data analysis and higher qualification.	Required to visit areas of Maharashtra and Karnataka for data and samples collection and undertake required analysis

<b>Response to Anthropocene and Climate change: Movement ecology of selected mammal species across the Indian Himalayan Region</b>	Senior Project Associate <b>01 No.</b>	40	Rs. 42000 + HRA	03 Years	<b>EQ:</b> M.Sc in Life Sciences/ Wildlife Sciences/ Forestry/ Remote Sensing from a recognized university. Four years of experience in wildlife survey, knowledge of GIS, data analysis, report writing, telemetry and animal capture. Research and development in industrial and academic institutions OR Doctoral degree in wildlife related subject <b>DQ:</b> Experience in telemetry, capture, occupancy, population estimation, habitat quantification using different approaches.	The proposed project aims to study the movement ecology of selected mammal species with different ecological adaptations across the IHR. The selected mammal species are Pallas's cat ( <i>Otocolobus manul</i> ), Himalayan wolf ( <i>Canis lupus</i> ) and Himalayan marmot ( <i>Marmota himalayana</i> ). The work involves capture and tagging of target species and intensive monitoring in tough and rugged terrain of Ladakh India.
	Junior Research Fellow <b>01 No.</b>	28	Rs. 31000 + HRA	03 years	<b>EQ:</b> M.Sc in Life Sciences/ Wildlife Sciences/ Forestry/ Environmental Science/Environmental Management from a recognized university.  <b>DQ:</b> Experience in telemetry, capture, occupancy, population estimation, habitat quantification using different approaches. Work experience in mountainous landscape.	The proposed project aims to study the movement ecology of selected mammal species with different ecological adaptations across the IHR. The selected mammal species are Pallas's cat ( <i>Otocolobus manul</i> ), Himalayan wolf ( <i>Canis lupus</i> ) and Himalayan marmot ( <i>Marmota himalayana</i> ). The work involves capture and tagging of target species and intensive monitoring in tough and rugged terrain of Ladakh India.
	Senior Research Fellow <b>01 No.</b>	32	Rs. 35000 + HRA	03 years	<b>EQ:</b> M.Sc in Life Sciences/ Wildlife Sciences/ Forestry/ Environmental Science/Environmental Management from a recognized university. Two years of research experience in relevant field is essential.  <b>DQ:</b> Experience in telemetry, capture, occupancy, population estimation, habitat quantification using different approaches. Work experience in mountainous landscape.	The proposed project aims to study the movement ecology of selected mammal species with different ecological adaptations across the IHR. The selected mammal species are Pallas's cat ( <i>Otocolobus manul</i> ), Himalayan wolf ( <i>Canis lupus</i> ) and Himalayan marmot ( <i>Marmota himalayana</i> ). The work involves capture and tagging of target species and intensive monitoring in tough and rugged terrain of Ladakh India.



<p><b>Promoting community participation in conservation and conflict resolution in the fringe villages of Kaziranga Tiger Reserve through Eco development.</b></p>	<p>Research Assistant Grade II (Human dimension) <b>02 nos.</b></p>	<p>30</p>	<p>Rs. 20000 + HRA</p>	<p>02 years</p>	<p><b>EQ:</b> Bachelor's degree in Humanities/ Social science/ Economics/ Arts and commerce.  <b>DQ:</b> Working experience on human dimensioning wildlife conservation.</p>	<p>Socioeconomic surveys in the fringe villages of Kaziranga Tiger Reserve. Literature surveys on Human dimension of wildlife conservation</p>
<p><b>Landscape Sustainability Challenges in the proposed Similipal - Satkosia corridor Region due to Collective Mining Regime: Mining-Wildlife Habitat Linkages and Impacts</b></p>	<p>Research Assistant Grade II (Ecology) <b>02 nos.</b></p>	<p>30</p>	<p>Rs. 20000 + HRA</p>	<p>One Year</p>	<p><b>EQ:</b> Bachelor's degree natural Sciences/Life sciences/ Biological Sciences.  <b>DQ:</b> Working experience on Wildlife and its habitat assesment</p>	<p>Ecological data collection in the corridor forest linking Similipal and Satkoshia Tiger Reserves, Odisha</p>
<p><b>Region due to Collective Mining Regime: Mining-Wildlife Habitat Linkages and Impacts</b></p>	<p>Research Assistant Grade II (Human dimension) <b>01 no.</b></p>	<p>30</p>	<p>Rs. 20000 + HRA</p>	<p>One year</p>	<p><b>EQ:</b> Bachelor's degree in Humanities / BAA Economics/ Social science/ Arts or Commerce or Law.  <b>DQ:</b> Working experience on human dimensioning wildlife conservation</p>	<p>Socioeconomic data collection in the corridor forest linking Similipal and Satkoshia Tiger Reserves, Odisha</p>
<p><b>Assessment of impacts of the proposed Nagpur-Mumbai Super Communication Expressway, Maharashtra, Samriddhi Corridor on wildlife values and measures recommended to mitigate negative impacts</b></p>	<p>Project Associate - II (RS &amp; GIS) <b>01 No.</b></p>	<p>35</p>	<p>Rs. 35000 + HRA</p>	<p>One Year</p>	<p><b>EQ:</b> Masters' Degree in Geoinformatics/ Geography/ Geology/ Computer Applications or related fields with a minimum of 60% aggregate marks from a recognized University.  <b>DQ:</b> Demonstrated experience/ aptitude in a) spatial analysis and ecological modelling, b) management of spatial database, Remote Sensing and GIS analysis, c) statistical analysis, and d) report writing  2 years' experience in relevant field especially handling and analysis of big data sets.</p>	<p>Candidate will work with multi specialised team in creation of spatial database and other lab works. Conduct field work, when required for spatial modelling.</p>

<b>Forest Dynamics Research in the Long-Term Ecological Observatories (LTEO) programme</b>	Junior Project Fellow <b>No. 02</b>	28	Rs. 25000/- + HRA	<b>EQ:</b> M. Sc. degree with 60% marks in Botany (Forest ecology)/Forestry/Environmental Science/RS & GIS  <b>DQ:</b> Field experience and knowledge of field botany, forest ecology/floristics/ecological survey/climate change/RS & GIS Environmental and ecological data collection and quantitative skills including statistical analysis in R (preferably) or other tools.	Setting up of permanent forest dynamics plots across environmental gradients in LTEO region of West Himalaya and to collect the data from LTEO sites, analysis, report writing and management of datasets
<b>Ecology and Conservation of Major Carnivores &amp; Ungulates of Semi-Arid Grassland-Scrub-Agro-Systems of Karnataka</b>	Project Scientist <b>01 No.</b>	40	Rs. 56000/- + HRA	<b>EQ:</b> Masters degree in Life Sciences /Wildlife/Zoology/ Biodiversity Conservation with 3 Year experience Or PhD in Life Sciences /Wildlife/Zoology/ Biodiversity Conservation	Candidate will conduct population assessment and behavioral studies of study species and supervise researchers.
	Project Fellow <b>4 Nos.</b>	28	Rs. 31000/- + HRA	<b>EQ:</b> M.Sc. in Ecology/ Wildlife Science/ Life Sciences/ Forestry/ Veterinary Science from a recognized University	Candidate will conduct animal behavior and population ecology related research work

\* 1. Age as on 1<sup>st</sup> July 2020. 2. Upper age limit may be relaxed upto 5 years for the candidates belonging to SC/ST/OBC/Women and physically challenged category.