

## Requirement of Research Personnel

Name of Project	Position and No.	Duration	Fellowship	Essential Qualification (E.Q.)/ Desirable Qualification (D.Q.)	Description of work
Wildlife Forensic and Conservation Genetic Cell	Forensic Researcher  (01 no.)	One year	Rs. 31000/- +HRA as admissible	EQ: M.Sc. in Wildlife Science/ Forensic Science/ Zoology/ M.V.Sc. (Anatomy)  DQ: Working experience in identification of species based on morphological features i.e. hair, bones, feather and other items. Good knowledge in biostatistics and multivariate. Any other academic qualification related to work.	Forensic personnel is required to work under supervision of in-charge morphology Wildlife Forensic & Conservation Genetics Cell (WFCGC) for developing morphology based techniques and protocols for dealing wildlife offense cases. To prepare protocols for identifying species from biological materials seized under wildlife offenses To provide assistance in organizing various courses/ modules by WFCGC, WII To maintain proper record all files of all wildlife forensic cases To prepare annual requirement of equipment, glass wares, chemicals, plastic Any other work assigned by In-charge morphology.
Connecting the dots: finding dispersal corridors for tiger in Kaziranga – Karbi Anglong landscape.	Project Fellow (Ecology) (01 nos.)	Three years	Rs. 25,000/- +HRA as admissible	EQ: Masters' Degree in Wildlife Science/ Botany/ Zoology/ Forestry/ Life Science/ Environmental Sciences or management/ Biodiversity conservation with a minimum of 60% aggregate marks from a recognized university. DQ: Experience of wildlife surveys, camera trapping, habitat assessment.	Work on the corridor ecology in Kaziranga - Karbi Anglong Landscape and Identify critical points along the corridors with high probability of negative human-wildlife interaction for developing conservation strategy for tiger in Northeast India.
	Project Assistant (01 no.)	Three years	Rs. 20,000/- +HRA as admissible	EQ: Masters' Degree in Wildlife Science/ Zoology/ Life Science/ Biotechnology/ Environmental Sciences or management with a minimum of 60% aggregate marks from a recognized university. DQ: Experience of working on the population genetics of wildlife using various molecular markers.	Examine the pattern of gene flow among large mammals in Kaziranga - Karbi Anglong Landscape.
Management of invasive species in wet grasslands of Kaziranga Tiger Reserve	Project Assistant (01 no.)	Two years	Rs. 20,000/- +HRA as admissible	EQ: Masters' Degree in Wildlife Science/ Botany/ Forestry/ Life Science/ Environmental Sciences /Biodiversity	Conduct experiment on germination and propagation of of invasive species in Kaziranga Tiger Reserve.

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				conservation with a minimum of 60% aggregate marks from a recognized university. DQ: Experience of botanical survey, vegetation analysis, habitat assessment.	
Collection of reference samples from the mammals of Schedule I, II and III of Wildlife (Protection) Act, 1972 and other important non-mammalian species and establishment of DNA data bank for Forensic case work	Junior Research Fellow (01 no.)	One year	Rs. 31,000/- +HRA as admissible	EQ: M.Sc. degree in Biotechnology/Genetics/Molecular Biology/Microbiology D.Q.: Preference would be given to the candidates having experience in DNA techniques and valid UGC-CSIR JRF fellowship	Selected Candidate will need to visit the remote forest areas and wildlife captive facilities across the country for the collection of the biological samples for molecular analysis and DNA barcoding
Mountain Ungulates and their habitats in Kedarnath Wildlife Sanctuary: A Reappraisal	Junior Research Fellow (01 no.)	One year	31,000 /- +HRA as admissible	EQ: Masters' Degree in Wildlife Science / Ecological Sciences / Zoology from a recognized University with a minimum of 60% aggregate marks.  DQ: Research experience in the Himalaya and/or large mammals.	Conduct field surveys for data collection on distribution, abundance, habitat use by mountain ungulates and evaluation of ungulate habitats; data analyses, report writing / publications, presentations, capacity building of front line staff.
	Project Assistant (01 no.)	One year	20,000/- +HRA as admissible	EQ: Masters' Degree in Wildlife Science / Ecological Sciences / Zoology / Forestry/ Life sciences from a recognized University with a minimum of 60% aggregate marks.  DQ: Skills in Remote sensing & GIS/ Genetic analysis / Research experience in the Himalaya	Assist in field data collection pertaining to mountain ungulates, habitat evaluation, socio-economic or conflict surveys, data entry, analysis / map preparation / genetic analysis of samples.
Assessing fine scale distribution pattern, population and habitat status of northern Swamp deer (Rucervus duvauceli	Junior Research Fellow (01 no.)	Three years	Rs. 31000/- +HRA as admissible	E.Q.- Master's Degree in Life Science/ Wildlife Science/ Forestry/ Biodiversity Conservation/ Ecology/ Biological Science from a recognized university with at least six month of research experience in the field of Wildlife Science	The candidate is expected to conduct field surveys for swamp deer habitat assessments, radio collaring and field sampling, followed by laboratory analyses of the samples, data analyses and publication of scientific reports and papers.

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duvauceli) across upper Gangetic Plains of north India				D.Q.- Research experience in grassland regions and associated species will be advantageous. The project demands multidisciplinary approach and accordingly some experience in GIS tools and molecular work is welcome.	
Monitoring common birds in a changing world: ecological and phylogenetic aspects of Barn Swallow ( <i>Hirundo rustica</i> ) in the Himalaya	Junior Research Fellow (01 no.)	Three years	Rs. 31000/- +HRA as admissible	EQ - Master's degree in Life Sciences/ Wildlife Science/Zoology/Botany/Forestry/Ecology/Environmental Sciences and related fields with 60% aggregated marks and above from a recognized university. DQ - Experience in population and habitat assessment, field sampling and surveys; GIS spatial mapping, good analytical skills; ability to work in harsh field conditions and good communication skills. Knowledge of local area and avian migratory pattern. Candidates having research experience will be preferred.	The work will involve monitoring nesting populations of Barn swallows across select sites in the Himalayas and northeast India to study their nesting ecology. Further, the work will involve aspects relating to foraging behavior and diet, movement and migration, and population genetics.
An integrated approach for conservation of Takin ( <i>Budorcas taxicolor</i> ) in North East India: Linking species ecology and traditional ecological knowledge	Junior Research Fellow (01 no.)	Three years	Rs.31000 +HRA as admissible	EQ: Masters' Degree in Wildlife Science/ Botany/ Zoology/ Forestry/ Life Science/ Social Science/ Environmental Sciences/ Statistics/ Anthropology with a minimum of 60% aggregate marks from a recognized University. DQ: Preferably having experience/interest in: natural history of north-east India, wildlife surveys, camera trapping, movement ecology, socio-cultural surveys, numerical analysis of ecological data, R, GIS-RS and most importantly keen desire to carryout arduous field work in the remote and rugged landscape of north east India under extreme cold or rainy conditions with minimal logistic support	Work involves ecological study on Takin in selected areas of Arunachal Pradesh
Ecology and Recovery of critically endangered Vulture species in Pong Dam Protected Area (PA) and its Eco Sensitive Zone	Junior Research Fellow (01 no.)	One year	Rs. 31,000/- +HRA as admissible	EQ: Masters' Degree in Zoology/ /Life Science /Environmental Sciences/Geo-informatics/ Wildlife Science or equivalent from a recognized University with a minimum of 60% aggregate marks. Minimum one year of experience required on bird surveys and techniques.	The study involves conducting field research activities, including population monitoring, ecological niche modelling, Eco-toxicological analysis and any tasks assigned.

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(ESZ) in district Kangra, Himachal Pradesh.				DQ: Preferably having experience in movement ecology, R, GIS-RS and most importantly keen desire to carryout arduous field work in remote and rugged terrain.	
	Research Assistant  (01 no.)	One year	Rs.22,000/- (Consolidated)	EQ: Masters' Degree in Zoology/ /Life Science /Environmental Sciences/Geo-informatics/ Wildlife Science or equivalent from a recognized University with a minimum of 60% aggregate marks DQ: Good command over written and spoken English. Interest to carry out both desk based and field based research.	Assist the PI and project team in day-to-day activities and functioning of the project both in in the field and lab.
Long term monitoring of tigers, co-predators and prey in tigers' reserves and other tiger bearing areas of Vidarbha, Maharashtra	JRF (Ecology) (03 nos.)	Five years	Rs 31000 +HRA as admissible	EQ: Masters' Degree in Wildlife Science/ Botany/ Zoology/ Forestry/ Life Science/ Agriculture/ Environmental Sciences with a minimum of 60% aggregate marks from a recognized University.  DQ: Candidate(s) with prior experience in sampling design and animal abundance estimation are preferred. Prior experience of sampling using camera trapping, distance sampling and radio-telemetry. Knowledge of GIS and GPS is desirable. Should be able to undertake arduous field work under rigorous conditions.	The work involves field monitoring of tiger, co-predators and their prey with techniques such as camera-trapping, distance sampling and radio-telemetry in TATR, NNTR, Bor TR and Umred WLS. The objectives of this study include demographic trends of carnivores and prey species, dispersal and movement ecology of tigers.
	JRF (Statistics) (01 no.)	Five years	Rs 31000 +HRA as admissible	EQ: Masters' Degree in Mathematics/ Statistics with a minimum of 60% aggregate marks from a recognized University.  DQ: Candidate(s) with prior experience in analyzing biological and/or field observation data are preferred. Knowledge of R program is desirable.	The work involves analysis of the data originating from camera-trapping, distance sampling and radio-telemetry. Developing methods for analysis of population and movement data would be involved.  Candidate will have to work with a multi- disciplinary team of ecologists and sociologist.
Assessment of impacts of the proposed Nagpur-Mumbai Super	Senior Project Associate (Ecology) (02)	Two years	Rs 35000 +HRA as admissible	EQ: Masters' Degree in Wildlife Science/ Botany/ Zoology/ Forestry/ Life Science/ Agriculture/ Environmental Sciences with a minimum of 60% aggregate marks from a	The work involves extensive field monitoring in the State of Maharashtra.

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Communication Expressway, Maharashtra, Samruddhi Corridor on wildlife values and measures recommended to mitigate negative impacts'				<p>recognized University. Minimum two years of research experience after Masters' degree is required.</p> <p>DQ: Candidate(s) with prior experience in sampling design and animal abundance estimation are preferred. Prior experience of sampling using camera trapping, distance sampling and radio-telemetry. Knowledge of GIS and GPS is desirable. Should be able to undertake arduous field work under rigorous conditions.</p>	
	JRF (Ecology) (01 no.)	Two years	Rs 31000 +HRA as admissible	<p>EQ: Masters' Degree in Wildlife Science/ Botany/ Zoology/ Forestry/ Life Science/ Agriculture/ Environmental Sciences with a minimum of 60% aggregate marks from a recognized University.</p> <p>DQ: Candidate(s) with prior experience in sampling design and animal abundance estimation are preferred. Prior experience of sampling using camera trapping, distance sampling and radio-telemetry. Knowledge of GIS and GPS is desirable. Should be able to undertake arduous field work under rigorous conditions.</p>	The work involves extensive field monitoring in the State of Maharashtra.
	JRF (Ecology - Herpetology) (01 no.)	Two years	Rs 31000 +HRA as admissible	<p>EQ: Masters' Degree in Wildlife Science/ Botany/ Zoology/ Forestry/ Life Science/ Agriculture/ Environmental Sciences with a minimum of 60% aggregate marks from a recognized University.</p> <p>DQ: Field based research experience in Herpetology, Taxonomic and GIS skills. Should be able to undertake arduous field work under rigorous conditions.</p>	The work involves extensive field sampling in Northern Western Ghats, Aurangabad Highlands and Vidarbha in the state of Maharashtra. The work involves sampling during night and daytime in all the available habitats and may involve handling venomous reptiles. Researcher will also spend considerable time at lab for analysis of data and taxonomic studies.
Securing habitats for threatened mountain ungulates through robust	Junior Research Fellow (01 no.)	One year	Rs. 31,000 + 16 % HRA per month in case of CSIR/UGC-	E.Q.: M.Sc. in Life Sciences/ Wildlife/ Botany/ Zoology/ Statistics or related subjects with minimum 1-year experience	Candidate will conduct population assessment, ecology, and related research work

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population assessment and conservation planning			NET/ GATE qualified candidates Rs. 25,000 + 16 % HRA per month for non NET/ GATE qualified candidates	D.Q.: Prior experience and aptitude for working in rigorous field conditions; knowledge of sampling methods/basic statistics	
	Project Assistant (01 no.)	One year	Rs. 20,000 + HRA as admissible	E.Q.: M.Sc. in Life Sciences/ Biotech/Wildlife/ Botany/ Zoology or related subjects  D.Q.: Aptitude for molecular lab work, prior experience desirable	Candidate will assist in sample collections, conduct genetic lab work and related research work.
Assessment of disease prevalence in ungulates in Mizoram	Junior Research Fellow (01 no.)	One year	Rs. 31,000 + 16 % HRA per month in case of CSIR/UGC-NET/ GATE qualified candidates Rs. 25,000 + 16 % HRA per month for non NET/ GATE qualified candidates	E.Q.: MV.Sc./MSc in Life Sciences/ Microbiology/ Wildlife/ Botany/ Zoology/Biotech or related subjects with minimum 1-year experience  D.Q.: Prior experience and knowledge of molecular work/ disease diagnosis/ sampling methods/basic statistics and aptitude for field work	Candidate will collect samples in field, conduct molecular and other required diagnosis in lab.
	Project Assistant (01 no.)	One year	Rs. 20,000 + HRA as admissible	E.Q.: M.Sc. in Life Sciences/ Biotech/Microbiology/Wildlife/ Botany/ Zoology/Statistics or related subjects  D.Q.: Aptitude for molecular work/ disease diagnosis/field work	Candidate will assist in sample collections, lab work and related research work.