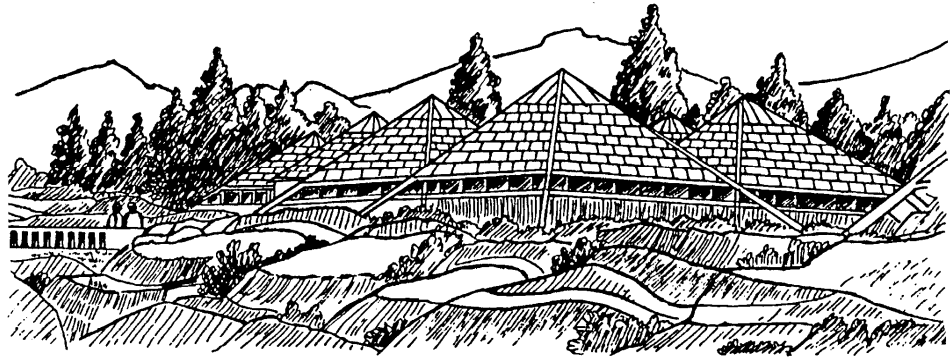




भारतीय वन्यजीव संस्थान
Wildlife Institute of India

*(An Autonomous Institution of the Ministry of Environment,
Forest & Climate Change, Govt. of India)*

**Rules for the Award of Research Fellowship and
Guidelines for Conduct of Wildlife Institute of
India - National Eligibility Test (WII-NET)
&
Ph.D. Entrance Test of Saurashtra University in
the Discipline of Wildlife Science**



August, 2014

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**Rules for the Award of Research Fellowship and Guidelines for conduct of
Wildlife Institute of India - National Eligibility Test (WII-NET) &
Ph.D. Entrance Test of Saurashtra University in the Discipline of Wildlife Science**

1. Background

The Government of India established Wildlife Institute of India (WII) at Dehra Dun in 1982 and conferred autonomous status in 1986. WII seeks to create a cadre of trained wildlife managers, wildlife biologists/ecologists and socio-economists and help generate research information on biological, managerial and human aspects of wildlife conservation. The WII's research guided by its Training, Research and Academic Council (TRAC) addresses applied and basic research in different ecological and geographic regions of the country. Wildlife Science is a fast developing discipline in India and yet to be recognized as a subject by the University Grants Commission (UGC), Council of Scientific and Industrial Research (CSIR), Indian Council of Agricultural Research (ICAR) & Graduate Aptitude Test in Engineering (GATE) for their National Eligibility Test (NET) for the award of research fellowships. The research demands in this discipline are both academic, applied and management oriented and therefore, essentially field based. Thus, requires appropriate field aptitude and physical fitness to undertake research in arduous field and harsh climatic conditions. The Institute carries out its research projects supported by its Grant-in-aid funds as well funded by other national and international agencies. Institute thus, engages research personnel [Junior Research Fellow (JRF) and Research Associate (RA)]. The norms/guidelines to engage research personnel as developed by CSIR are helpful to a great extent and have been used as the basis for selection of researchers in the discipline of Wildlife Science and award of research fellowship(s) by Wildlife Institute of India. In order to attract talented students, WII intends to further develop better ways for awarding fellowships to researchers at WII.

To achieve this and to promote WII as the Centre of Academic Excellence in the field of Wildlife Science, the Institute proposes to conduct WII. NET annually in the field of Wildlife Science for the purpose of award of Junior Research Fellowship(s). The WII. NET qualified candidate, who subsequently qualifies the interview conducted by the Institute, will be eligible for the award of Junior Research Fellowship to carry out research by joining a specific assigned project. The WII-NET qualified candidates shall be considered in equivalence with UGC/CSIR/ICAR NET qualified candidates for Junior Research Fellowship. In addition, GATE qualified candidates for the award of JRFship in the discipline Ecology and Evolution shall also be considered in equivalence to WII-NET qualified candidates.

These guidelines are relevant to the award of JRFs/RAs at the Wildlife Institute of India and to encourage researchers (JRFs/SRFs) to pursue higher education by way of Ph.D. degree. Presently, WII's researchers register for Ph.D. degree in Wildlife Science with the Saurashtra University, Rajkot (Gujarat) or with FRI University, Dehradun for Ph.D. in Forestry or allied subjects.

2. Rules for the award of Junior Research fellowship (JRF) at WII

2.1. Eligibility

2.1.1 Essential Qualification: A candidate seeking selection as JRF must possess M.Sc. (Botany/Zoology/Forestry/Statistics/Life Science/Experimental Biology/Environmental Sciences/Environmental Management/Geo-informatics/Biological Sciences/Wildlife Science or M.V.Sc. or M.Sc. Agriculture or M.A. (Sociology/Economics/Mass Communication/Anthropology and Psychology) degree from a recognized University with a minimum of 60% aggregate marks.

2.1.2 Desirable Qualifications: The desirable qualifications will be specifically determined by the individual project needs.

2.2 Age: The candidate shall not be more than 28 years of age as on the last date of receiving applications online for appearing in WII's National Eligibility Test (WII-NET) for the award of Junior Research Fellowship (JRF) at WII. The upper age limit may be relaxed up to 5 years in the case of candidates belonging to SC/ST/OBC/Women and Physically Challenged applicants.

2.3 Selection Procedure

- a) Announcement of JRF positions will be made in the National Daily Newspaper (English) and WII's website well in advance.
- b) Qualified candidates of UGC/CSIR/ICAR/WII-NET for the award of JRFship meeting the essential qualification as given in para 2.1.1 shall be eligible to appear for an interview conducted by the Institute as per the advertised positions. In addition, meeting the essential qualification as given in para 2.1.1, GATE qualified candidates for JRFship in discipline Ecology and Evolution are also eligible to appear for the interview.
- c) An Expert Committee recommended by the Dean, FWS and approved by the Director, WII, for interviewing the NET qualified candidates will consist of the Dean, Faculty of Wildlife Science; External Subject Expert (1); the Research Coordinator; two senior Faculty Members (Scientist-E and above); and concerned P.I. of the Project.
- d) During the interview, the Committee should test the candidate for his/her knowledge of the subject, scientific temperament, aptitude for wildlife research, creative ability and interest. The interview will be of 100 Marks in total. The final selection of the candidate for JRFs will be based on the marks obtained during the Interview.
- e) Candidates are expected to join within 30 days from the date of issue of the fellowship offer, failing which the offer may be cancelled. However, in exceptional circumstances the Dean, FWS may grant an extension of maximum one month to the deserving candidate.

2.4 Fellowship and Tenure of JRF

The JRF shall be entitled to get a monthly fellowship of Rs. 16,000/- consolidated. The fellowship shall be enhanced as per the revisions made by the Dept. of Science & Technology (DST), GOI from time to time. The fellowship amount is exempted from the payment of Income Tax under 10(16) of IT Act, 1961. The tenure of award of JRFship will be as per the requirement of the research project/period advertised.

The JRF in special case may be allowed by the Institute to leave for abroad with fellowship to participate or attend in International Workshop/Conference/Symposium/Meeting or to undergo a training programme for a period not exceeding three months during the tenure of award of Junior Research Fellowship, on the recommendations of the supervisor/concerned faculty and approval of Dean, FWS.

2.5 Up-gradation of Junior Research Fellow (JRF) to Senior Research Fellow (SRF)

On completion of two years of tenure, a Junior Research Fellow may apply for an up-gradation of research fellowship as Senior Research Fellow with enhanced fellowship of Rs. 18,000/- per month. The fellowship tenure of a JRF can be extended for further period(s) on the recommendation of the PI of the research project adjudged on the basis of the work/achievements made by the researcher in the project and with approval of the Dean, FWS. However, for fellowship up-gradation of a JRF to SRF, application of the JRF duly forwarded by the supervisor(s) will be evaluated by an Expert Committee referred as the Research Fellow Performance Assessment Committee . RFPACq consisting of the Dean, FWS as Chairman; two senior WII-faculty as Members; Research Coordinator as Member Convener and PI/Co-PI of the project, as Special Invitee. The recommendations of the RFPAC would need to be considered and approved by the Director, WII. Detailed progress reports duly supported by reprints of publications along with the recommendations of the RFPAC are to be forwarded by the Dean, Faculty of Wildlife Science to the Director for approval for issuing extension/up-gradation order.

3. Rules for the award of fellowship as Research Associate (RA)

3.1 Scope and Objective

This scheme envisages providing opportunities and support to outstanding research workers to do research work independently at post-doctoral level. The main objective is to utilize the skills and competence of post-doctoral fellow for research at higher level of scholarship. The fellowship will be tenable at WII, Dehradun, and also at the sites of field based research projects.

3.2 Eligibility

The award of Research Associateship at WII intends to engage research scholars below the age of 40 years with a doctorate (Ph.D.) degree in Zoology/Botany/Wildlife Science/Environmental Science/Forestry/ Experimental Biology/Biological Science/Life Science and Social Science relevant to studies in human dimensions aspect of wildlife management, have published research work to their credit and have already shown evidence of independent research work. Age limit is relaxable by five years for candidates belonging to SC/ST/OBC/Women and Physically Challenged applicants.

3.3 Selection Procedure:

- a) Announcement of RA positions for `walk-in-interviewq will be made in the National Daily Newspaper (English) and WII website at least one month prior to the date of conducting the `walk-in-interviewq
- b) The screening of applications will be done by a `Screening Committeeq consisting of the PI of the Project/Nodal Officer/Cell In-charge/concerned Head of Department, Research Coordinator, and two senior faculty members (Scientist E and above) of the Institute. This Screening Committee would be proposed by the Dean, Faculty of Wildlife Science and approved by the Director, WII. The following criteria will be used for candidates application evaluation:

S. No.	Item	Maximum Marks
1.	Specialization relevance in Ph.D Degree	20 Marks
2.	Research Experience . (Publications, Paper Presented in Workshops/Seminars/Symposiums/Conferences)	20 Marks
3.	Extra Curricular Activities . a). Participation and awards in games, sports, trekking, mountaineering, NCC, NSS etc.,	05 Marks
	b). Participation and awards in Literary and Cultural activities	05 Marks
Total		50 marks

- c) The `Expert Committeeq recommended by the Dean, FWS and approved by the Director, WII for interviewing the candidates will consist of the Dean, FWS as Chairman; External Subject Expert (1) as Member, two Senior Faculty Members (Scientist-E and above) as

Members, the Research Coordinator as Member Convener and concerned P.I of the Project, as a Special Invitee.

- d) During the interview, the Committee should test the candidate for his/her knowledge of the subject, scientific temperament, aptitude for wildlife research, creative ability and interest. The interview will be of 50 Marks in total. Final selection of the candidate will be based on the total marks obtained from screening of application as per the criteria mentioned above in point `bq(50 Marks) plus the Interview marks (50 marks). List of selected and wait-listed candidates based on merit will be prepared subject to availability of vacancies.
- e) Candidates are expected to join within 30 days from the date of issue of the fellowship offer, failing which the offer may be cancelled. However, in exceptional circumstances the Dean, FWS may grant an extension of maximum one month to the deserving candidate.

3.4 Fellowship and Tenure of Research Associates (RAs): The Research Associateship will be awarded in three categories carrying the following consolidated emoluments:

RA-I	Rs. 22,000/- per month, consolidated.
RA-II	Rs. 23,000/- per month, consolidated.
RA-III	Rs. 24,000/- per month, consolidated.

Selected Research Associate may be fixed at any one of the above three categories, depending upon the qualifications and experience. The Selection Committee may decide the level in which a particular Associate should be placed. The fellowship amount to RAs shall be enhanced as per the revision by DST, GOI from time to time and shall be exempted from the payment of Income Tax under 10(16) of IT Act, 1961. A Term of Referenceq(ToR) highlighting description of expected research work, contributions to be made, responsibilities assigned and envisaged outputs from the selected RA will be prepared by the concerned PI/supervisor at the time of joining and the said ToR will be signed by the RA and countersigned by the supervisor(s) and will subsequently be approved by the Dean, FWS.

The Research Associateship will be tenable initially for a period of three years extendable for another term not exceeding two years. The fellowship will take effect from the date of joining by the RA at WII.

3.5 Conditions of award of fellowship as Research Associate

- a) The Research Associate (RA) will do whole time research work and will not enjoy any other part time employment during the tenure of the Associateship. However, his/her services could be utilized by the Institute for teaching purpose provided it will not affect the research programme and he/she should not accept any extra remuneration for this purpose.
- b) The Research Associate of the Institute should submit annual progress report of his/her research work, through the Supervisor/Faculty with whom he/she is associated. The Research Associate shall submit a comprehensive report to the Institute before the expiry of Associateship free of cost and a copy of the published work (if any), and an abstract in about 500 words of the research work done during the fellowship tenure, through the concerned supervisor/ faculty.
- c) If the Research Associate wishes to leave the fellowship before the end of tenure, a prior approval of the Dean, FWS must be obtained. The RA would also obtain prior approval of Dean, FWS for appearing at any examination/interview by any Institute/Organization/ University.
- d) If the Dean, FWS is not satisfied either with the progress of the research work or the conduct of the Research Associate, the Institute may terminate the fellowship at any time without any notice and assigning any reason, thereof.
- e) The award of fellowship as Research Associate does not imply any assistance or guarantee for subsequent appointment in WII to the beneficiary.
- f) The Research Associate may avail leave for a maximum period of thirty days in a year in addition to general holidays as applicable, on the recommendation of supervising faculty and approval by the Dean, FWS. Women awardees would be eligible for maternity leave at full rates for a period, not exceeding three months only, once during the tenure of the award.

The Research Associate in special case may be allowed by the Institute to leave for abroad with fellowship to participate or attend in International Workshop/Conference/ Symposium/ Meeting or to undergo training programme for a period not exceeding three months during the tenure of award of Research Associateship, on the recommendations of the supervisor/concerned faculty and approval of Dean, FWS. This period will be counted as without fellowship towards the tenure of Research Associateship.

- g) A Research Associate will be eligible to claim TA/DA for the tour undertaken by him/her only in connection with his/her approved research programmes/or presentation of research results in a conference/seminar/symposium, etc. during the fellowship tenure. The basis for calculating TA/DA will be the actual monthly fellowship of the RA, which shall be considered equivalent to the Basic Pay as admissible to the employees of the

Institute. No TA/DA shall be admissible for stay at the field station and travel within the defined study area. Leave travel concession (LTC) will not be admissible during the fellowship tenure.

- h) Due authorship will be given to RA who has contributed to research papers and patents. The PI of the Project/concerned faculty supervisor will be responsible for a fair and just authorship order. In case of any dispute, the Dean, FWS will be responsible to resolve it amicably.

3.6 House Rent Allowance

The Research Associate may be allowed hostel accommodation. In case of non-availability of the hostel accommodation, House Rent Allowance (HRA) will be allowed as per the rules of the Institute. The basis for calculating HRA will be the actual monthly fellowship of the Research Associate and the fellowship amount will be taken as Basic pay.

3.7 Medical Facilities

Health facilities will be available to the Research Associates on the basis as that for other Junior/Senior Research Fellows of the Institute.

4. Guidelines for conduct of WII's National Eligibility Test (WII-NET) for the award of Junior Research Fellowship (JRF)

- 4.1 An online National Eligibility Test (NET) of the Wildlife Institute of India (WII-NET) for the award of Junior Research Fellowship (JRF) at WII will be conducted once every year preferably during the period of July-September. Announcement for the same will be made in the National Daily Newspaper (English) and WII's website well in advance.
- 4.2 Eligible candidates as per the advertised essential qualification shall appear for the WII-NET on a specified date at the Centre, allotted as per the Admit Card issued.
- 4.3 Qualifying the WII-NET would not automatically imply the award of fellowship to the candidate. However, all candidates who qualify WII-NET will be eligible for applying for an interview (which will be conducted thrice a year) at WII or as and when advertised for the vacant positions of JRF under various research projects.
- 4.4 The upper age limit for (JRF/SRF) engaged at WII under various ongoing research projects, who wish to appear in WII-NET, 2014, shall be not more than 35 years as on the stipulated last date of receiving applications online in response to WII's advertisement. NET qualified WII's researchers shall be entitled to get a monthly fellowship of Rs. 16,000/- consolidated for Junior Research Fellowship and monthly fellowship of Rs. 18,000/- consolidated for the award of Senior Research Fellowship.
- 4.5. The research fellowship (JRF/SRF/RA) shall be enhanced as per the revisions made by the Dept. of Science & Technology (DST), GOI from time to time. The fellowship amount is also exempted from the payment of Income Tax under 10(16) of IT Act, 1961.
- 4.6. The tenure of award of JRFship will be as per the requirement of the research project/period advertised.
- 4.7. The WII-NET score secured by the candidate shall be calculated by following steps:
- Determine the rank of the candidate. This ranking indicates how well candidate has performed in WII-NET relative to all of the other test-takers. The person who performed the best receives a ranking of 1, the second best receives a ranking of 2, and so on.*
 - Determine the total number of candidates appearing in WII-NET.*
 - Insert the information gathered from the first two steps into the formula: $P = ((T-R) / R) \times 100$, where P = Percentile, T = Total number of candidates, and R = All India Rank. For example, if a candidate obtains All India Rank 700 and the total number of candidates appeared were 3,000, this information would be used into the formula to get:
 $P = ((3,000-700) / 3,000) \times 100$*
 - Solve the equation. Using example from the previous step would give: $P = (3,000 - 700) / 3,000 \times 100 \rightarrow P = (2,300 / 3,000) \times 100 \rightarrow P = 0.766 \times 100 \rightarrow P = 76.6\%$*
 - The cutoff for WII-NET for the advertised positions of JRFs shall be 60% and above.

5. Guidelines for conduct of Ph.D. Entrance Test of Saurashtra University in the Discipline of 'Wildlife Science'

Candidate qualifying WII. NET shall make him/her eligible for admission in Ph.D. Program of Saurashtra University in the discipline of Wildlife Science. However, admission to Ph.D. Programme in Wildlife Science will be regulated as per the provisions of Ph.D. Ordinance of the Saurashtra University, Rajkot. Qualified candidates of UGC/CSIR (JRF) Examination/SLET/NET/GATE or who are the teacher fellowship holders/M.Phil. Degree holders shall be exempted from the Entrance Test for Ph.D. However, they would be required to go through the process of Research Degree Committee (RDC).

Selected candidates shall prepare the synopsis of their Ph.D. proposal and defend the same before the RDC of Saurashtra University in its meeting tentatively to be held sometime in July-September every year at WII. The Ph.D. proposal should include the title (research topic), name of the Ph.D. Guide from Wildlife Institute of India, Introduction, Literature Review, Study Area, Methodology, Data Analysis, Expected Outcome, Work Plan and References.

5.1 Eligibility for Ph.D. Entrance Test at Saurashtra University

Candidate must have obtained a Post-graduate degree with 55% aggregate marks in Life Sciences (Botany/Zoology/Forestry/Statistics/Experimental Biology/Environmental Science/Biological Science/Wildlife Science/Agriculture/M.V.Sc.) and 5% relaxation in marks will be given to the candidates belonging to the SC/ST and OBC category. Candidate appearing in the final examination of the Post Graduate Degree, shall also be eligible to apply for the Entrance Test, but their Entrance Test result will be validated only after their final Post Graduate Degree Examination Result in the same academic term/semester.

5.2 Age Limit for Ph. D. Entrance Test at Saurashtra University

There is no age limit for the candidates seeking Ph.D. Registration in the Saurashtra University.

6. Pattern of Question Paper and Marking Scheme for WII-NET and Ph.D. Entrance Test of Saurashtra University

WII-NET and the Ph.D. Entrance Test of Saurashtra University in the discipline of Wildlife Science would be conducted on the following components;

Component	Subject	No. of Questions	Maximum Marks (100)
Component 1	English Language	15	15
Component 2	Computer Awareness	15	15
Component 3	General Aptitude (GA)	10	10
Component 4	Research Methodology	20	20
Component 5	Subject Knowledge	40	40

WII. NET Paper would contain only *Multiple Choice Questions (MCQ)* carrying equal marks. These questions shall be objective in nature and each will have four answers, out of which the candidate has to mark the correct answer. There will be negative marking for wrong answer to

the extent of one-fourth (1/4) of the marks allotted to the question. The duration of the WII-NET is three hours.

7. Design of Questions

The questions in a paper may be designed to test the ~~Knowledge~~ and ~~Understanding~~ on the basis of **Recall** abilities (expected to be able to obtain the answer from his/her memory of the subject), **Comprehension** (candidate's ability to draw simple conclusions from fundamental ideas), **Application** (candidate is expected to apply his/her knowledge through logical reasoning) and testing skill **Analysis and Synthesis** abilities (candidate is presented with data, diagrams, images etc.), that require analysis before a question to be answered. A synthesis question might require the candidate to compare two or more pieces of information.

8. Mode and frequency of WII-NET/Ph.D. Entrance Test

The WII. NET/Ph.D. Entrance Test will be conducted `online once a year sometime during the month of July-September. Announcement for the same will be made in the National Daily Newspaper (English) and WII's website well in advance.

9. Validity period of WII-NET/Ph.D. Entrance Test

The validity of WII. NET will be for a period of two years from the date of declaration of results. However, the time limit of validity period is not applicable in case of Ph.D. Entrance Test of Saurashtra University.

10. Model Question

A model question paper for the Ph.D. Entrance Test/WII. NET will be hosted in the Institute's website prior to the examination.

11. Syllabus for WII-NET/Ph.D. Entrance Test

11.1. Component 1: English Language

Reading Comprehension (Answers of MCQs on the basis of comprehension of a passage), Vocabulary (Synonyms, Antonyms, One word for a phrase, Phrase for one word), Basic Grammar (Structure of Language), Improvement of the sentences.

11.2. Component 2: Computer Awareness

Computer Fundamentals, MS Office Tools

11.3 Component 3: General Aptitude

Critical reasoning and verbal deduction, Numerical computation, numerical estimation, numerical reasoning and data interpretation.

11.4. Component 4: Research Methodology:

Problems and research questions; research and statistical hypotheses; approach and designing research projects; rapid assessment techniques and questionnaire survey. Random and systematic sampling design; experimental design and hypothesis testing. Stratified sampling design; Use of Remote Sensing and GIS Technology.

Recognition of data types: continuous, rank and nominal data. Exploratory analysis; Central tendency, Statistical variance and Population variance; Sub-sampling techniques; Boot-strap and Jack-knife estimator; Probability distributions: normal, binomial, Poisson, t-distributions and Chi-square distributions. Concept of derivatives and slope of a function; Permutations and combinations; Basic probability (probability of random events; sequences of events, etc); Frequency distributions and their descriptive statistics (mean, variance, coefficient of variation, correlation, etc). Statistical hypothesis testing: Concept of p-value; Type I and Type II error, test statistics like t-test and Chi-square test; Basics of linear regression and ANOVA. Bayesian concept and analysis. Correlation and regression analysis; Test of homogeneity and analysis of variance.

11.5. Component 5: Subject Knowledge (Wildlife Science)

- i. **Vegetation Science:** Relationship between environmental factors and vegetation types; structural and physiognomic classification of vegetation; Forest Types of India: Champion & Seth's classification; theories and stages of plant succession. Alien invasive plants; aquatic vegetation and its classification; Vegetation quantification and mapping; Biomass estimation. Plant-animal interaction, Economic Botany, Major plant products and Non-timber forest products in India. Plant adaptations to different climatic conditions.
- ii. **Animal Systematics:** Major classes of vertebrates and invertebrates: Characteristic features and examples; Economic importance of invertebrates, their adaptation and role as indicators for biodiversity monitoring; Origin and radiation in Birds and Mammals. Zoo-geography, distribution of fish, amphibians, reptiles, birds and mammals; biology of rare, threatened and endangered mammals, birds, reptiles, amphibians and fish species of India. Bird migration.
- iii. **Ecology:** Population ecology; meta-population dynamics; growth rates; density independent growth; density dependent growth; niche concept; Species interactions: Plant-animal interactions; mutualism, commensalism, competition and predation; trophic interactions; functional ecology; eco-physiology; behavioural ecology.
- iv. **Community ecology:** Community assembly, organization and evolution; biodiversity: species richness, evenness and diversity indices; endemism; species-area relationships; Ecosystem structure, function and services; nutrient cycles; biomes; habitat ecology; primary and secondary productivity; invasive species; global and climate change; applied ecology.

- v. **Evolution:** Origin, evolution and diversification of life; natural selection; levels of selection. Types of selection (stabilizing, directional etc.); sexual selection; genetic drift; gene flow; adaptation; convergence; species concepts; Life history strategies; adaptive radiation; biogeography and evolutionary ecology; Origin of genetic variation; Mendelian genetics; polygenic traits, linkage and recombination; epistasis, gene-environment interaction; heritability; population genetics; Molecular evolution; molecular clocks; systems of classification: cladistics and phenetics; molecular systematics; gene expression and evolution.
- vi. **Behavioral Ecology:** Classical ethology; neuroethology; evolutionary ethology; chemical, acoustic and visual signaling; Mating systems; sexual dimorphism; mate choice; parenting behaviour Competition; aggression; foraging behaviour; predator-prey interactions; Sociobiology: kin selection, altruism, costs and benefits of group-living.
- vii. **Conservation Laws, Policies and Management:** National Parks, Wildlife Sanctuaries, Conservation Reserves, Community Reserves, Biosphere Reserves in India: National Wildlife Conservation Policy and Action Plans. Forest (Conservation) Act; Wildlife (Protection) Act; Environment (Protection) Act; Traditional Forest Dwellers (Recognition of Forest Rights) Act; National Conservation Authorities (National Biodiversity Authority and National Tiger Conservation Authority), and International Conventions viz., RAMSAR Convention, Convention on Biological Diversity, Convention on Migratory Species. Eco-sensitive Zones, Wetlands of National Importance, Project Elephant, Project Snow Leopard, Important Bird Areas, Coastal and Marine Biodiversity, Forestry and Forest Management in India.
- viii. **Human Dimensions of Wildlife Conservation, Conservation Strategies/ Approaches:** Community Participation, Traditional Resource Dependence, Socio-economic Situation, Sustainable Livelihood, Vulnerability, Community Forests, Protected Area-People Interface, Micro-planning, Ecodevelopment and Ecodevelopment Committees, Biodiversity Management Committees, Participatory Rural Appraisal, Livestock-Wildlife Interaction, Human-Wildlife Conflicts and Mitigation.
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**WILDLIFE INSTITUTE OF INDIA, DEHRA DUN
National Eligibility Test (WII – NET) and Ph. D. 'Wildlife Science'
Entrance Test of Saurashtra University, Rajkot**

APPLICATION FORM

Application Fee: Rs. 3,000/- (Rupees Three Thousand only)
(Application to be submitted online)

Please tick your preference as applicable:

- 1. Application for National Eligibility Test of Wildlife Institute of India (WII-NET) for the award of Junior Research Fellowship at WII** (*Masters' Degree as per para 2.1.1 with 60% aggregate and above. Age shall not be more than 28 years of age as on date of NET. Upper age limit is relaxed up to 5 years for candidates belonging to SC/ST/OBC/Women & Physically Challenged*)
- 2. Application for admission to Ph.D. Program in Wildlife Science (Subject Code: 32-WL) of Saurashtra University** (*Masters' Degree as per para 5.1 with 55% aggregate and above and 5% relaxation in marks for the candidates belonging to the SC/ST and OBC category. No age limit*)
- 3. Both above i.e. WII-NET and Admission to Ph.D. in Wildlife Science of Saurashtra University.**

Category: General/SC/ST/OBC, please indicate _____

- Name of the applicant: _____
A. Present Postal Address with *Pin Code*

Phone/Fax # _____
e-mail _____
B. Permanent Residential Address with *Pin Code*

Phone/Fax # _____
e-mail _____
2. Date of birth _____ Age in years _____ (as on last date of receiving application online)
3. If belonging to SC/ST/OBC (state name of the Caste/Tribe) & Physically Challenged _____.
A photo copy of the original caste certificate issued by competent authorities may be uploaded.

*A recent
passport size colour
photograph of the
candidate should be
uploaded here*

4. (a) Academic Achievements:

Examination Passed	Year	Name of the University	Subject	Percentage of marks obtained or CGPA/CPI	Class/Grade Obtained
Master's Degree					

Note:

- Copy of the Master's Degree Certificate and Final Year Mark Sheet to be uploaded.
- Candidate appearing in their Post Graduation final year examination shall also be eligible to apply for the Ph.D. Entrance Test in the discipline of Wildlife Science but their results will be validated only on production of the final semester result by the candidates to the Institute in the same academic term/semester.
- Candidate(s) possessing Master's Degree shall only be eligible to appear for the WII-NET for the award of Junior Research Fellowship at WII.

5. Employment held so far:

Name of the Employer	Position held	Period		Emoluments per month
		From	To	

Declaration: Certified that information furnished above are correct to the best of my knowledge.

Place:

Date:

(Signature of the Applicant)

Application Form for the award of Junior Research Fellowship

Name of the Project: _____

Category: General/SC/ST/OBC/Physically Challenged, please indicate _____

(Attach copy of the certificate issued by the Competent Authority)

1. Name of the applicant: _____

A. Present Postal Address with Pin Code

Phone/Fax # _____

e-mail _____

B. Permanent Residential Address with Pin Code _____

Phone/Fax # _____

e-mail _____

Affix a recent passport
size photograph

2. Nearest Railway Station for undertaking the Journey _____

3. Date of birth _____ Age in years _____ (as on the date of Interview at WII)

3. Please furnish details:

Qualified for the award of Junior Research Fellowship	Date of declaration of results for the award of Junior Research Fellowship
UGC/CSIR/ICAR/WII-NET	
GATE (Ecology & Evolution)	

4. (a) Academic Achievements *(Attach copies of Degree Certificate and Mark Sheets):*

Examination Passed	Year	University	Subject	Percentage of marks obtained
Higher Secondary				
Bachelor's Degree				
Master's Degree				
Ph.D. Degree (Awarded)				

(b) Creative Achievement *(State briefly your bio data as research worker/giving details of research papers, participation in Seminar, Symposium, Conference, etc.).* Furnish this information in a separate sheet.

5. Have you received any scholarship/fellowship before applying for this award? *(If so, please give its source, value, period and details of work done under that award)*

Name of the Scholarship	Awarding Agency	Period		Amount
		From	To	

6. Employment held so far (up to date):

Name of the Employer	Position held	Period		Emoluments per month
		From	To	

7. Research publications, title of the publication, year of publication, journal, etc., may be indicated *(reprints may be enclosed)*. Details may be given in a separate sheet.

8. Seminar/Symposium/Workshop/Conference attended.

9. Extracurricular activities. *(Details may be given in a separate sheet and attach attested copy of the certificates, if any).*

10. National Parks, Sanctuaries & Forest areas visited, and a paragraph on self interest in the field of Wildlife Conservation & Research *(attach a separate sheet)*.

11. Name, Address and Phone Number of three referees should be given below. **Also attach separately testimonials obtained from any two referees:**

- 1.
- 2.
- 3.

12. Certified that:

- (a) I have not received and do hereby undertake not to receive any financial assistance from any agency, whatever.
- (b) I have understood all conditions of award of fellowship and agree to abide by those conditions.
- (c) I shall submit an undertaking regarding conditions of award at the time of accepting the fellowship.
- (d) Information(s) furnished above are correct to the best of my knowledge.

Place:

Date:

(Signature of the Applicant)

4

Terms and conditions for the award of research fellowship at the Wildlife Institute of India

File No.: _____

Name & Designation : _____

Project Title (*In brief*) : _____

Period of Fellowship : (Period) from: _____ to: _____

1. The engagement is for an occasional nature of work and is purely on temporary basis for a period of _____ from _____ to _____. However, the same can be extended by the Institute, depending upon the exigencies of work at its sole discretion.
2. Award of fellowship will be subject to his/her being found medically fit. For this purpose he/she is required to submit a medical fitness certificate issued by a Registered Medical Practitioner at the time of his/her joining.
3. The award of fellowship does not imply to the awardee any assurance of guarantee for subsequent employment in the institute. The engagement is purely occasional and would not entitle a research fellow to any regular employment in the services of the Institute.
4. During the term of engagement, the fellowship will be governed by the office orders, rules and regulations of the Institute passed from time to time as are/or will be made applicable to research personnel from time to time.
5. During the term of engagement, he/she will be paid the fellowship of _____ per month. The fellowship as shown above is consolidated and all inclusive. He/She will not be entitled to any other allowances, bonus, LTC and/or retirement benefits as are admissible to regular employee of the Institute.
6. Even during the said period of engagement from _____ to _____, the fellowship can be discontinued without giving any notice and without assigning any reason thereof.
7. On the expiry of the said period or at the end of the extended period, the engagement will automatically come to an end.
8. At the time of joining the Institute he/she will have to submit two financial sureties from responsible persons (*viz.* Group 'A' and 'B' employees of Central Government/State Government/Autonomous Institutions under Central/State Government, Universities, etc.) for Rs. 50,000/- (*Rupees Fifty Thousand Only*) each. Pro-forma for the financial security will be issued by the O/o Research Coordinator subsequent to the joining of research fellow.
9. The acceptance of engagement will be deemed for an unreserved acceptance of the terms and conditions.

- 10. Travel Rules:** A research fellow will be eligible to claim TA/DA for the tour undertaken by him/her only in connection with his/her approved research programmes/or presentation of research results in a conference/seminar/symposium, etc. during the fellowship tenure. The basis for calculating TA/DA will be the actual monthly fellowship, which shall be considered equivalent to the Basic Pay as admissible to the employees of the Institute. No TA/DA shall be admissible for stay at the field station and travel within the defined study area. Leave travel concession (LTC) will not be admissible during the fellowship tenure
- 11. Leave:** A research fellow will be entitled to avail eight days (08) casual leaves per year during the fellowship tenure with approval from the concerned supervisor. No carrying over of the leave to the next year is permitted. Dean, FWS under special circumstances may consider sanction of leave without fellowship. In case a research personnel proceeds on leave before termination of fellowship, he/she must join back duty before the expiry of tenure, failing which the tenure will be deemed to have terminated with effect from the date he/she proceeded on leave.
- 12.** A research personnel in special case may be allowed by the Institute to leave for abroad with fellowship to participate or attend in International Workshop/Conference/Symposium/ Meeting or to undergo training programme for a period not exceeding three months during the fellowship tenure, on the recommendations of the supervisor/concerned faculty and approval of the Dean, FWS.
- 13. Accommodation/HRA:** The research fellow may be allowed hostel accommodation. In case of non-availability of the hostel accommodation, House Rent Allowance (HRA) will be allowed as per the rules of the Institute. The basis for calculating HRA will be the actual monthly fellowship of the research fellow and the same will be taken as Basic pay.
- For Hostel facilities at WII, researcher is required to deposit **Refundable Caution Money of Rs. 3,000/-** and **Hostel Mess Advance of Rs 3,000/-** at the time of occupying hostel room.
- 14. DA, CCA, HCA, etc.:** He/She will not be entitled to these allowances.
- 15. Medical Benefits:** Research personnel will be provided medical benefits as per the rules of the Institute. This will be limited to the research personnel only and not for his/her family members/dependents. The Institute will obtain Life/Personal Accident insurance coverage for researcher, as decided from time to time.
- 16. Books and Book Allowance:** For making aware the Research Personnel with the up-to-date development of the scientific research, the Institute will make available field guides, technique manual, etc. from Institute library. In addition, a research personnel can avail Book Allowance of Rs. 2,500/- once during the fellowship tenure to purchase books, periodicals, research publications, etc. pertaining to the concerned research project, on recommendation of the Supervising Faculty/PI and necessary budgetary provisions are made in the project budget under contingency. The research personnel may use their rational freedom for using book allowance but supervisor shall ensure proper utilization of the same. If warranted, the supervisor will recommend disallowing of any unjustified

purchases and in such cases, the book amount will be recovered from research personnel. However, since the books, etc. so purchased will be the property of the Institute, it will be the sole responsibility of the research personnel to maintain proper account of the books and deposition of the same in the Institute's Library after completion of the research project. Respective supervising faculty/PI of the project will ensure the stock entry of books purchased in the project and its subsequent return.

- 17. Field Equipment:** For research purpose the institute will issue following equipment/kits to each research fellow as per the field conditions of the research project and subject to having budgetary provisions. These items will be the Institute's property: (a) Camera with lenses and tripod; (b) Binoculars; (c) Tent; (d) Compass; (e) Calculator; (f) Thermometer (Max. & Min.); (g) Sleeping bag; (h) Ruck-sack; (i) Torch; and (j) Raincoat. The supervising faculty will ensure return of the permanent items at the time of conclusion of the project.
- 18. Field Dress Allowance:** Research personnel shall be allowed to avail Field Dress Allowance annually to procure field shoes and uniform from the project fund. The amount not exceeding Rs. 2,500/- may be sanctioned for field dress/uniform (Olive Green) to research personnel.
- 19. Publication/Patent:** The results of research work will be encouraged to publish in peer-reviewed journals as well as other popular forms of scientific documentation at the discretion of the Principal Investigator. Due authorship will be given to all researchers and other team members, who have contributed to research papers and patents. The PI of the project will be responsible for a fair and just authorship order. In case of any dispute, the Dean, FWS will be responsible to resolve it amicably. Due acknowledgement will be given to all funding agencies in all publications arising out of research work conducted at WII. The right to commercial exploitation of the results and patent arising out of the investigation will, however, rest exclusively with WII. In case of projects funded by other agencies or collaborative research project(s), the commercial exploitation of the results and patent arising out of the research work will be worked out as per the Memorandum of Understanding (MoU) signed between the collaborating parties or as per the guidelines of the concerned funding agency.
- 20. Identity Card:** Institute will issue an identity card to each Research personnel. Research personnel will be able to obtain identity card from the Administrative Section before leaving for field station. For this purpose, each research personnel should furnish requisite information to the Administrative Section.
- 21. Transport Facility:** While drawing the research project, the concerned supervising faculty will visualize the need for the transport for the project i.e. jeep, motorcycle, bicycle and make requisite necessary provisions in the budget. Both for POL and its maintenance and in the event of having jeep/motor cycle, the researcher will be required to maintain logbook, which will be, scrutinized by the concerned supervising faculty and WII Finance Section as and when required. Purchase of vehicles, however, will require further approval from the Governing Body.

- 22. Support Personnel:** The Institute allows hiring Field Assistant(s) and Driver(s) locally at the field research site as provisioned in the research project duly approved by the TRAC. The wages for such hired support personnel will be in accordance with the minimum rates as approved by the Labour Commissioner of the concerned state(s) and as amended from time to time. These support personnel will be purely on temporary/casual basis and will have no claim for permanent/regular position at WII.
- 23. Obligations to Other Agencies:** Research personnel engaged by the Institute while they have been permitted to avail their fellowship directly from DST/CSIR/UGC, etc. based on qualifying the corresponding National Eligibility Test are obliged to abide by the terms and conditions of such agency in addition to the general terms and conditions of award of fellowship by the Institute.
- 24.** The following are the responsibilities that a research personnel is expected to meet under the fellowship grants:
- a. He/she must be a full time research worker and submit him/herself to the discipline regulation of the institute in which he/she is working. The supervisor may ensure regular attendance of the research personnel by keeping an attendance register.
 - b. In case, of the research personnel desiring to appear for any competitive examination, he/she must inform the Director, WII in writing and obtain written approval before applying. He/she should submit his/her application through the concerned Principal Investigator (PI) and Dean, FWS.
 - c. Each researcher should submit a detailed annual report on the progress of his/her work to his/her supervisor. The project supervisor/investigator shall submit a copy of the progress report to the Office of the Research Coordinator. Once a research fellow accepts the fellowship and joins the Institute, it is obligatory for him/her to continue the fellowship for the normal tenure.
 - d. No research personnel shall discontinue his/her fellowship without the prior approval of the concerned supervisor/investigator of the project and the Director, WII. In case, he/she wants to discontinue, his/her fellowship prior to the completion of the tenure or the attainment of original objective of the research, he/she must submit his/her resignation to the Director, WII through his/her project supervisor/investigator at least one month in advance indicating specific reasons for not continuing the fellowship for the full term. In case he/she leaves the fellowship without prior approval of the Director, WII, he/she will be liable to make such refund as may be decided by the Director, WII. The fellowship shall cease from the date stipulated by the Director, WII while accepting the resignation.
 - e. Before the termination or resignation of the fellowship, a researcher must furnish a detailed report of the research work done during the entire tenure through the supervisor/investigator to the Director, WII.
 - f. Research personnel may apply to register for the award of Ph.D. degree in any University provided the Ph.D. work to be undertaken does not interfere with the research work assigned to the awardee. The Institute would normally encourage research

personnel to register themselves for Ph.D. registration. A copy of the Ph.D. thesis shall be deposited with the Library of the institute.

g. The Fellowship amount payable to research personnel is exempted from the payment of the Income Tax under 10(16) of IT Act, 1961.

h. Any kind of paid or honorary part-or-fulltime employment or private even in honorary capacity is not permissible during the tenure of the fellowship at the Institute.

Appendix - 4

Bond for the award of Junior Research Fellowship

Now all men by these presents that we, _____
_____ S/o/D/o/W/o _____ resident of
_____ in the district
of _____ and at present employed as
_____ in the Ministry
office of _____ (hereinafter called "the
obligor") and Shri/Ms. _____ son/daughter of Shri
_____ and Shri/Ms _____
son/daughter of Shri _____ who have accepted to act as sureties
on behalf of obligor do hereby undertake to jointly and/or severally bind ourselves and our
respective heirs, executors and administrators to pay to the Director, Wildlife Institute of India
(hereinafter called "the Institute") on demand a sum of Rs. 50,000/- (Rupees Fifty Thousand
only) on account of obligor having been awarded research fellowship _____
from _____ to _____ at _____
at the cost of the Institute in terms of the Ministry of Finance Office Memorandum No. F.21(1)-
E.II (A)/61, dated the 24th November, 1961, together with interest thereon from the date of
demand at Institute rates for the time being in force on Government loans or, if payment is made
in a country other than India, the equivalent of the said amount in the currency of that country
converted at the official rate of exchange between that country and India.

This bond has been executed and signed at _____
on this _____ day of _____ two thousand and _____.

Whereas the above obligor Mr./Mrs./Ms. _____ is engaged to
conduct research by the Institute as a Research Fellow.

Now as per this bond the written obligation is such that if in the event of the above bounden obligor Shri/Ms. _____ resigning from research fellowship without completing the research assigned before the expiry or termination of the period of fellowship or at any time within the fellowship period after his/her joining the fellowship or in the event of his/her removal or dismissal from fellowship for any kind of misconduct during the prescribed period. The obligor and sureties shall forthwith refund to the Institute on demand the said sum of Rs. 50,000 (Rupees Fifty Thousand only) on account of the obligor having failed to carry out the awarded research fellowship successfully as aforesaid together with interest thereon from the date of demand at Government of India rates for the time being in force on Government loans.

And upon the above bounden obligor Shri _____ and Shri _____ and Shri _____ the sureties aforesaid making such refund the above written bond shall be void and of no effect otherwise it shall remain in full force and effect and will vest right with the Institute Management to initiate legal proceedings for the recovery of the said amount.

Provided always that the liability of the sureties herein under shall not be impaired or discharged by reason of time being granted by the Institute or by any forbearance act of omission of the Institute or any person authorised by them (whether with or without the consent or knowledge of the sureties) nor shall it be necessary for the Institute to sue the said obligor first before suing the above bounden sureties Shri _____ and Shri _____ or either of them for amount due herein under.

In witness whereof, these presents this bond has been signed by a duly authorised officer on behalf of the Director, WII and by the other person(s) party hereto.

Signed and delivered by the above obligor, Sh./Smt/Ms. _____ in the presence of _____. Signed and delivered by the surety above named Shri _____ in the presence of _____. Signed and delivered by the surety above named Shri _____ in the presence of _____ for and on behalf of the Director, WII.

**Pro-forma for self-assessment by Junior Research Fellow (JRF)
on completion of two years of tenure**

1. Name of the Junior Research Fellow :
 2. Project Title :
 3. Principal Investigator(s) of the project :
 4. Date of Joining WII and Designation :
 5. Date of Joining WII as JRF :
 6. Date of Project initiation :
 7. Date of commencement of field study :
 8. Publications after joining WII project :
Give a brief list & enclose copies of each
 9. Conferences/Seminars/Workshops
attended . Details of participation
 10. Details of project report(s) submitted
to Project Supervisor
 11. Award received, if any, give details :
 12. Brief account of Project progress
Attach a separate sheet, if required
(**about 300 words**)
 13. Confidential report by the Project
Principal Investigator and his/her
Recommendations
- Date:**
14. Committee's Remarks :
 15. Committee's Recommendations :
to the Director, WII
 16. Signature(s) of Committee Members :

**Signature
(Principal Investigator)**



1. The application form and examination fees should be submitted `online`
2. The last date of receipt of application each will be announced upon scrutiny of duly filled-in application(s) received as on last date. The list of candidates eligible to appear for the WII-NET/Ph.D. Entrance Test will be hosted in the Institute's website www.wii.gov.in.
3. Syllabus, Application Form and other details can be downloaded from the Institute's website www.wii.gov.in.
4. Applicants should clearly mention all contact details (phone/mobile/e-mail) in the application form.
5. The Admit Card and the Attendance Slip for the eligible candidates for WII. NET/Ph.D. Entrance Examination will be issued by e-mail.
6. The Institute will not provide any accommodation and travel cost(s) for candidates appearing for WII. NET/Ph.D. Entrance Examination. They are required to travel at their own cost to the Examination Centre and make arrangements at their own for their stay, if required.
7. The Director, WII, reserves the right to reject any candidature in view of incomplete information provided by the candidate or for any other reason.

WILDLIFE INSTITUTE OF INDIA, DEHRA DUN

ADMIT CARD

National Eligibility Test (WII-NET) and Ph.D. 'Wildlife Science' Entrance Test

Name of the Candidate: _____

Appearing for: WII-NET/Ph.D. Entrance Examination/Both
(Please tick)

Day & Date of Examination: _____

Centre: _____

*A recent
passport size colour
photograph of the
candidate should be
uploaded here*

Exam Coordinator's Signature

Candidate's Signature

Instructions:

- i. Entry to the examination hall will not be allowed without this card.
- ii. Cellular phone and any book material are not allowed in examination hall.