

भारत सरकार
Government of India
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
Ministry of Environment, Forest & Climate Change
राष्ट्रीय व्याघ्र संरक्षण प्राधिकरण
National Tiger Conservation Authority

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New Delhi-110003

F.No. 15-4/2022-NTCA

Dated: 17.05.2023

ORDER

Sub: "Internship Program" of National Tiger Conservation Authority.

The National Tiger Conservation Authority (NTCA) is a statutory body established by the Government of India under the Ministry of Environment and Forests, & Climate Change, for the conservation of Tigers and its habitat. It is constituted under enabling provisions of the Wildlife (Protection) Act, 1972, as amended in 2006, for the conservation of tigers and their habitats, as per powers and functions assigned to it under the said Act. The NTCA with the vision of attaining a viable population of tigers in India encompasses a holistic approach towards the conservation of biodiversity over the landscape level. NTCA extends its work domain from on-the-ground protection initiatives to science-based monitoring of tigers and their habitat using cutting-edge technological tools, independent assessment of tiger reserves with MEE framework, financial and technical support to tiger reserves, creating inviolate space for wildlife while ensuring community development to international co-operation etc.

Internship at the NTCA will provide an indispensable opportunity for students/researchers to familiarize themselves with various issues related to Tiger conservation/management and the functioning of the NTCA.

The Internship Program

- 1.1 **Name:** "National Tiger Conservation Authority Internship Program"
- 1.2 **Purpose:** To allow short-term exposure to "selected candidates" with different domains of the NTCA as 'Interns'. A list of domains/disciplines for which the Internship is available in Annexure-I.
The tentative format of the internship completion certificate is available in Annexure-II

1.3 **Objectives of the Internship Program:**

NTCA has introduced an Internship Program for students:

- a. To enable the engagement of dynamic and enthusiastic individuals in the work of NTCA for mutual benefit.
- b. To expose the interns to the work and functioning of the Authority in a way that furthers their future interests.
- c. To enhance the necessary skills of students in the field of tiger conservation and its habitat through practical work assignments.

1.4 **Internship Program:**

- a. **Eligibility:** Applicants pursuing Under Graduation/Post Graduation degrees from any recognized university in India, shall be eligible to apply.
- b. **Duration:** The Internship Program in NTCA will be primarily conducted in two phases in a year. Summer Internship shall be conducted during the month of May-June and Winter Internship during the month of December-January. The internship will be for a minimum period of one month not exceeding three months commencing from the 1st of the month and may then be extended with the permission of the authorities. The change in time/period of the internship can be done if NTCA desires to do so.
- c. **Certificate of Internship:** A Certificate shall be issued by the NTCA on the satisfactory completion of the internship.

1.5 **Logistics & Support:**

Interns will be required to bring their own laptops to the office. Working space, internet connection and other necessities as deemed fit by the concerned authority shall be provided by the NTCA.

1.6. **Stipend:**

The stipend shall be paid only in cases where it is decided by the NTCA to do so. The quantum of stipend, if decided to be paid to the Interns, shall be Rs. 10,000/- (Rupees Ten Thousand Only) per month to all categories. Subsequently, if the stipend is decided to be paid, it shall depend upon the period of internship, the amount of the stipend shall be paid proportionately.

No stipend shall be paid if the student leaves the internship before the completion of the approved duration.

1.7 Application and Selection Process:

- a. Interested applicants may apply through the address link to be indicated in the website of Ministry for internship with an updated CV, a brief Statement of Purpose, specifying their area of interest and the duration, and a 'Letter of Recommendation from the head of the institution or on the link provided on the website.
- b. Applicants shall have the option to apply in one Discipline only.
- c. Applications shall be shortlisted on a "Merit" basis and as per the requirement of NTCA.
- d. The list of the shortlisted applications will be posted on the website of NTCA.
- e. At the time of joining, applicants are required to submit to the Officer-in-Charge the following documents;
 - i. A 'No Objection Certificate from the Head of Department/Principal, indicating their status in the Institution.
 - ii. Copy of Marksheet/Degree of Graduation/Post-Graduation.
 - iii. Copy of ID Proof.
- f. Application received without the 'Letter of Recommendation', 'No Objection Certificate', incomplete or not fulfilling criteria laid down will not be accepted.
- g. Only shortlisted applicants will be informed about the status of their internship.

1.7 Procedure for Selection and Other Modalities of the Program:

- a. The names of the selected candidates will be sent to the Administration. The decision of the Officer-in-Charge shall be final and binding.
- b. Depending upon the number of applications received against a particular Domain, NTCA reserves the right to alter the eligibility criteria, limit the number of applicants to be called for a particular period and decide about the mode of screening thereof.

- c. The concerned Reporting Officer shall be personally responsible for ensuring that the work programme and output mutually agreed upon with the Intern is satisfactorily completed.
- d. Seminars/Presentations can be conducted by the concerned Reporting Officer of the interns.
- e. The attendance record of the intern and details of work supervision shall be maintained by the concerned Reporting Officer.
- f. It may be strictly observed that the conduct of the interns and their access to data shall be the sole responsibility of the concerned Reporting Officer only.
- g. The selected intern shall be responsible for his/her own arrangements for boarding/lodging and transportation.
- h. At the completion of the internship, interns shall submit a brief report about the work done to the concerned Reporting Officer.
- i. Any applications from applicants who have already completed the Internship Program at NTCA shall be allowed only in exceptional cases.
- j. If the performance of the intern is not satisfactory, the internship may be discontinued at any time by the respective Officer-in-Charge in consonance with the concerned Reporting Officer.
- k. Since the Internship is a full-time Internship, interns will be required to observe the working hours of NTCA.

2. **Confidentiality and Non-Disclosure:**

Without the written consent/vetting of the Officer-in-Charge and the Reporting Officer, the intern shall under no circumstances;

- i. Disclose any information to a third party in any manner, whatsoever.
- ii. Make or reproduce the confidential documents of NTCA,
- iii. Make any personal or commercial usage of Confidential Information.

Acknowledgement of NTCA is mandatory in all reports and/or published material of any form.

Power to Review Program and Relax certain conditions:

The NTCA reserves the right to review this Internship Program at any time at its discretion and the same will be duly notified. The NTCA shall also have the power to relax any of the conditions mentioned above, at its discretion.



(Md Sajid Sultan) 17/5/23

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An indicative list of Domains/Areas

Potential Discipline/Domain	Potential Sub-Discipline/Domain
All India tiger monitoring	<ul style="list-style-type: none"> • Prey estimation in tiger reserves/landscapes • Carrying capacity for tiger reserves • Understanding prey predator dynamics • Monitoring human disturbances and invasive alien species in tiger reserves/landscapes • Status and distribution of endangered species (flora and fauna) in tiger landscapes • Demographic parameters for tigers, leopards and other co-predators • Inventories on medicinal plants in tiger landscapes • Documentation of status (recovery/decline) of vultures in tiger landscapes and identifying the drivers
Law and enforcement	<ul style="list-style-type: none"> • Dynamics and drivers of wildlife crime in tiger landscapes • Aspects of cybercrimes in relation to wildlife • Identifying poaching hotspots in tiger landscapes • Efficacy of M-STripES for tiger/wildlife conservation • Efficacy of law enforcement agencies for tiger/wildlife conservation • Efficacy of legislations and policies in biodiversity conservation • Technical, practical and institutional challenges involved in the design, implementation, sustainability and evaluation of law enforcement monitoring
Species recovery programme	<ul style="list-style-type: none"> • Ecological monitoring of introduced cheetah • Ecological monitoring of reintroduced tiger populations • Ecological assessment of prey recovery programs • Evaluation of species recovery programs
Monitoring tiger landscapes	<ul style="list-style-type: none"> • Ecological assessment of village resettlement sites in tiger reserves • Inventories on insects, fishes, birds, mollusks etc. in tiger reserves • Ecological evaluation/monitoring of different habitats (grasslands, wetlands, woodlands, scrublands, mangroves etc.) in tiger reserves

	<ul style="list-style-type: none"> • Monitoring patterns of tiger mortality • Ecosystem services provided by tiger reserves • Carbon sequestration potential of tiger reserves • Carbon financing in tiger reserves • Assessment of plant epidemics in tiger reserves • Nutritional ecology of endangered species in tiger landscapes • Habitat suitability and resource selection pattern by different endangered species in tiger landscapes • Aspects of zoonotic diseases in tiger reserves • Corridor mapping in relation to linear infrastructures in tiger reserves • Aspects of behavioral ecology of endangered species • Natural resource management in tiger reserves/landscapes • Assessment of water contribution of Tiger Reserves and connected forests in terms of lean season flows, ground water recharge and flood and drought mitigation • Drivers of land use land cover changes in the tiger reserves and landscapes • Application of climate models in assessing climate change impact on tiger reserves/landscapes • Vulnerability mapping of habitats for fire, invasive, epidemics, drought and other environmental stresses • Assessment of efficacy of soil moisture conservation measures in tiger landscapes
Human/Social dimensions	<ul style="list-style-type: none"> • Drivers of human-wildlife interfaces • Understanding social carrying capacity for tiger conservation in different tiger landscapes and for tiger reintroduction programs • Status and distribution of tigers and other endangered fauna in relation to human disturbance gradients • Management of tiger landscapes for ensuring livelihood securities • Human ecology • Evaluation of efficacies of conflict mitigation measures • Dynamics of livestock wild prey interfaces in the tiger landscapes • Documenting use of traditional knowledge and indigenous practices for biodiversity conservation in tiger landscapes

	<ul style="list-style-type: none"> • Assessment of threats from developmental projects and linear infrastructures in tiger landscapes • Study of ethnic knowledge with a view to apply such knowledge to wildlife management and to obtain Intellectual Property Right to benefit local communities • Economics of eco-tourism in tiger reserves • Assessment of efficacy of poverty and participatory schemes in tiger landscapes • Evaluation of staff welfare schemes and capacity building programs
Application of technology for tiger conservation	<ul style="list-style-type: none"> • Use of artificial intelligence, machine learning programs for data processing • Development of algorithms for Random Encounter Models (REM), M-STripes • Ecological monitoring of tigers, other carnivores and prey using telemetry, habitat suitability models • Site specific customization of unmanned aerial vehicles (drones) for tiger conservation • Genetic studies on tiger, co-predators and prey • Multi-scale habitat modelling and predicting change in the endangered species distribution in tiger landscapes
Public outreach	<ul style="list-style-type: none"> • Impact of Social Media Outreach and Communication for tiger conservation • Community engagement strategies vis-à-vis innovative benefit sharing • Models to integrate tiger conservation into education
Funding for tiger conservation	<ul style="list-style-type: none"> • Assessment of role of Tiger Conservation Foundations for tiger conservation • Gap analysis and strategies for ensuring continuous flow of funding for tiger conservation

Note: Over and above NTCA can accept customized internships for facilitating ongoing research and related works of the applicants.

**FORMAT OF INTERNSHIP COMPLETION CERTIFICATE
(To be given on Letter Head)**

Dated:

Internship Certificate

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr./Miss/Mrs., a student/researcher of the University/Institute has successfully completed his/her Internship with the National Tiger Conservation Authority from - to -.

During the period of the Internship, the name of the intern worked under the Division/Discipline.

He/she has worked and assisted diligently on the following:

He/ She has shown a special flair for ____ and his/her performance during the period of his/her internship programme he/she was punctual and hardworking.

This Authority valued his/her presence at the office and we wish him/her every success in his/her life and future endeavours.

**(Signature)
Officer-in-Charge**