



## TAMIL NADU FOREST DEPARTMENT



ADVANCED INSTITUTE FOR WILDLIFE CONSERVATION  
VANDALUR

### ANNOUNCEMENT

#### INTERNSHIP PROGRAMME 2024-25

ADVT. No: 02/2024 dated 18.04.2024

Advanced Institute for Wildlife Conservation (AIWC) is a premier Research Institution set up by the Forest Department of Tamil Nadu, primarily to provide scientific solutions to conservation problems. The Institute conducts multidisciplinary wildlife research, capacity building in wildlife conservation, training programs and advisories in wildlife research by partnering with leading research institutions in India. In order to attract more students to work in the field of wildlife conservation, AIWC has planned to continue the internship programme under the Centre for Conservation Education.

The objectives of the internship programme are: -

1. To provide a framework by which post-graduate students from diverse academic backgrounds, may conduct research at AIWC, to enhance their educational experience through practical work assignments.
2. To provide the Institute's faculty input and assistance to highly motivated and talented students to research in key thematic areas in wildlife conservation in Tamil Nadu.

**Age limit** Below 30 years

#### **Duration**

The duration of the certificate course ranges from 1 month to 2 months and depends on the area of research work.

#### **Mode of Admission**

The candidates will be selected on the basis of merit (marks) scored in the graduation degree programme and direct evaluation of student profile/ academic interest by internal committee of AIWC. Applications for the internship programme must be duly forwarded by

the student along with bonafide certificate and letters of reference from Professors of the Institution in which the student is currently studying.

### **Project based Positions**

Internship Programme is essentially a laboratory and/or field-based programme and therefore due emphasis is given for conducting a field-based project that can be supplemented with data from labs.

The programme will mainly focus towards supporting the regular activities as well as ongoing projects of the institute. The requirement of the scholars for the internship programme in the specified focus area of the institute is presented below;

- Development of mammalian hair reference repository for species identification and tricho-taxonomic studies
- Use of molecular techniques for identification of species and geographical origin of organisms from seized products in wildlife trade and use of the same to create in-house DNA reference repository/ database
- Development of Bilingual Mobile Application for identifying Terrestrial and Marine Fauna as an Aiding Tool for Prevention and Control of Wildlife Crime in Tamil Nadu
- Development of DNA mini-barcode for identification of molluscs (seashells) – A forensic identification tool for protected marine molluscs.
- Evaluation of different trap models to monitor and control hematophagous insects which transmit disease to captive animals in zoological parks
- Development of Multiplex Real Time RT-PCR assay for detection of major viral infections in captive animals.
- Distribution status and threat assessment of the endemic Madras Hedgehog and associated species in select Protected and Non-protected areas of Chennai.
- Fireflies-ecology, species diversity, distribution and habitats in Anamalai Tiger Reserve

**No. of Interns required for the programme**

<b>S. No</b>	<b>Project Domain</b>	<b>Number of Interns</b>	<b>Max. Duration</b>	<b>Eligibility</b>
1.	Molecular Lab	2	2 months	Master's Degree in Biotechnology or Genetic engineering
2.	Morphometry Lab	2	2 months	Master's Degree in Zoology/Wildlife biology / veterinary science (Anatomy)
3	Conservation Ecology	2	2 months	Master's Degree in Zoology/Wildlife biology /Environmental Science
4	Animal Care Sciences (Wild animal Disease diagnostics)	2	2 months	Master's Degree in Biotechnology or Genetic engineering or veterinary science (Parasitology/Microbiology/Pathology/Biotechnology)
5	Information Technology application in Wildlife Conservation	2	2 months	Master's Degree in Computer Sci. or Information Technology or Computer Applications

An internal committee of the institute will screen scholars in the required field of work and upon acceptance, permission would be granted to conduct the research work on the concerned topic. The interns will present and defend their findings and submit both hard and soft copies of final thesis, in the prescribed format to AIWC.

**Publication**

The results of research project will be encouraged to publish in standard refereed journals as well as other popular forms of scientific documentation at the discretion of AIWC Authorities. Due authorship will be given to all researchers and other team members, who have contributed to research papers.

**Mode of Application**

The application form and other information could be downloaded from Advanced Institute for Wildlife Conservation website <http://www.aiwc.res.in>

Documents needed from the applicant includes,

- Application form in prescribed format
- Curriculum Vitae of the applicant
- Letter of Intent from the applicant (Not exceeding 1000 words)

- No objection Certificate from the College
- Letter of recommendation from faculty/Professors
- Copy of College ID card

The duly filled-in application form along with required documents in the prescribed format can be submitted through email at [aiwcrte@tn.gov.in](mailto:aiwcrte@tn.gov.in) on or before 5 PM of 28.04.2024. The original documents will be checked if and when the application is accepted.

### **General Terms and Conditions**

1. The AIWC internship programme is purely on voluntary basis and subject to screening process.
2. The interns should abide to the usual terms and specific conditions laid down by the Principal Chief Conservator of Forests & Director, Advanced Institute for Wildlife Conservation, Vandalur.
3. The interns will be subjected to periodical monitoring by AIWC authorities', regarding the progress of study work.
4. In case of field study, the interns should contact the concerned Forest Rangers/ Foresters and intimate them in advance about their visits and should not venture into the protected Forest areas without the support of Forest Department staffs /Biologists during their field study. To facilitate that Director, AIWC shall issue authorization letters to concerned DFO's well in advance.
5. Sample collection, if any, should be done in the presence of Forest Department staff. The interns may collect the required secondary data specific to their study from the respective Forest and Wildlife Divisions as per its availability.
6. The interns should not harm any flora or fauna of the Protected Areas / Reserve Forests.
7. The interns should not carry any inflammable material objects or kindle fire in any part of the Protected Areas.
8. The Government/Department / Institute will not be held responsible for any chance encounter and any accident and subsequent consequences which may occur due to fire incident/ wild animals attack etc during their study period.
9. The interns should not share any wildlife related details with anyone without the knowledge of the Principal Chief Conservator of Forests & Director, Advanced Institute for Wildlife Conservation, Vandalur and also should not publish the same in any Scientific Journals and share with any private organizations.

10. The interns should submit two copies of final study report (both in soft and hard copy) to The Principal Chief Conservator of Forests & Director, Advanced Institute for Wildlife Conservation, after the completion of their study period
11. If the interns do not submit the final study report to this office, the candidates from the concerned College / Department /Institute will not be considered for future internship.

**Sd/ - A.Udhayan,**  
Principal Chief Conservator  
of Forests & Director,  
AIWC (R, T & E) Vandalur

// t.c.b.o. //

*[Handwritten Signature]*  
18/4/24  
Superintendent.

*[Handwritten Signature]*  
18/4/24



**TAMIL NADU FOREST DEPARTMENT**  
**ADVANCED INSTITUTE FOR WILDLIFE CONSERVATION**  
**VANDALUR**



**APPLICATION FORM FOR INTERNSHIP**



1. Name of the applicant: \_\_\_\_\_

\_\_\_\_\_

Phone/Fax # \_\_\_\_\_

Email \_\_\_\_\_

**B. Permanent residential address with pin code** \_\_\_\_\_

\_\_\_\_\_

Phone/Fax # \_\_\_\_\_

2. Date of birth \_\_\_\_\_ Age in years \_\_\_\_\_

3. (a) Academic achievements:

Examinations Passed	Year	University	Subject	Percentage of Marks Obtained
Bachelor's Degree				
Master's Degree (currently undergoing)				
Others				

(b) Creative achievements (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)

4. National parks, sanctuaries & forest areas visited, and a paragraph on self interest in the field of wildlife conservation & research.

5. Areas of research interest.

6. Choice of internship.

S.No.	Project Domain	Kindly tick the subject of interest
1	Molecular forensics	
2	Morphometry	
3	Conservation Ecology	
4	Animal care sciences (Wild animal disease diagnostics)	
5	Information Technology application in wildlife conservation	

7. Name, complete postal address and phone number of two referees should be given below.

1. \_\_\_\_\_ 2. \_\_\_\_\_

8. List of attachments

S.No.	Attachments required	Status (Yes/No)
1.	Curriculum vitae	
2.	Letter of intent from applicant (not more than 1000 words)	
3.	Creative achievements	
4.	No objection certificate from college/university	
5.	Recommendation letter from institution faculty	
6.	Identity card photocopy	

I, \_\_\_\_\_ hereby, certify that the information furnished above are correct to the best of my knowledge.

Place:

Date:

(Signature of the Applicant)