



WILDLIFE ECOLOGY

PROF. ANKUR AWADHIYA

Department of Indian Forest Service
IIT Kanpur

PRE-REQUISITES : Has cleared 10+2 with science

INTENDED AUDIENCE : Officers and staff of Forest departments, Students of Forestry, Wildlife conservation and allied disciplines, Policy makers

INDUSTRY SUPPORT : Tourism industries, Education industries, Green energy industries, Renewable energy materials industry

COURSE OUTLINE :

Wildlife is an enamouring field for most of us. In my professional tenure, I've observed numerous people flocking to get a glimpse of the tiger, to get an opportunity of diving with the fishes, or to get access to a National Park or a Wildlife Sanctuary. And these experiences get even more endearing when you get to know how the show is getting managed, how and why we regulate access, and also how we maintain grasslands and water bodies to keep the systems up and running. This course will cover one such aspect of wildlife management by providing an overview of the field of Ecology, and also how it is being used in the understanding and management of our wildlife resources. In this course, we'll use the case study approach with real-life examples from the field to get a better understanding of the field and its applications.

ABOUT INSTRUCTOR :

Prof. Ankur Awadhiya (B. Tech IIT Kanpur 2009, Ph. D IIT Kanpur 2015, AIGNFA IGNFA Dehradun 2016, PGDAWM WII Dehradun 2018) is an IFS officer borne on the Madhya Pradesh cadre. His interests include photography, tourism, research, instrumentation and creative literary pursuits.

COURSE PLAN :

Week 1: Introduction

Week 2: Ecological structure

Week 3: Ecological interactions

Week 4: Ecological energetics

Week 5: Population Ecology

Week 6: Community Ecology

Week 7: Distribution and abundance

Week 8: Management of threatened species

Week 9: Human Ecology

Week 10: Ecology of change

Week 11: Applied Ecology

Week 12: Revision



Roll No: NPTEL19BT09S51241269

To: A.M. ANANDAKUMAR
DOOR NO.8-1 JOTHI NAGAR 12 TH STREET,
UPPILAIYATAM P.O.
COMBATORE
TAMIL NADU
641015
PH. NO. 9842712463

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully completed the course
<40	No Certificate



No. of credits recommended by NPTEL:3



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



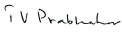
This certificate is awarded to
A.M. ANANDAKUMAR
for successfully completing the course

Wild Life Ecology

with a consolidated score of **72** %

Online Assignments	18.13/25	Proctored Exam	54/75
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Total number of candidates certified in this course: 470


 Prof. T. V. Prabhakar
Chairman
Centre for Continuing Education, IITK


 Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur




Roll No: NPTEL19BT09S51241269

To validate and check scores: <http://nptel.ac.in/noc>



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No. of weeks of NPTEL Courses	Equivalence of NPTEL course with regular FDP
4	$\frac{1}{2}$ FDP of one week
8	Full FDP of one week
12	$1\frac{1}{2}$ FDP



Duration of NPTEL course: 12 Weeks



NPTEL-AICTE

Faculty Development Programme

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to
A.M. ANANDAKUMAR
for successfully completing the course

Wild Life Ecology

with a consolidated score of **72** %


 Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras


 Prof. Dileep N. Malkhede
Advisor (Research, Institute & Faculty Development)
All India Council for Technical Education




Roll No: NPTEL19BT09S51241269

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The candidate has studied the above course through MOOCs made, has submitted online assignments and passed proctored exams. This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 26th July 2018, similar to other refresher / orientation courses. F.No. AICTE / RFPD / FDP through MOOCs / 2017-18



Roll No: NPTEL19BT09S61240764

To:
INMUKY SHYAMALA S
105, 802 BASARA STREET,
(NEAR ASHOK JEWELLERY)
UDUMALPET
TIRUPPUR
TAMIL NADU
642126
PH. NO :7305333737



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=80	Elite
40-59	Successfully completed the course
<40	No Certificate

No. of credits recommended by NPTEL:3



Elite

NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



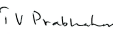
This certificate is awarded to
INMUKY SHYAMALA S
for successfully completing the course

Wild Life Ecology

with a consolidated score of **65** %

Online Assignments	18.75/25	Proctored Exam	46.5/75
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Total number of candidates certified in this course: 470



Prof. T. V. Prabhakar
Chairman
Centre for Continuing Education, IITK



Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL19BT09S61240764

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Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=80	Elite
40-59	Successfully completed the course
<40	No Certificate

No. of credits recommended by NPTEL:3

Elite

NPTEL Online Certification
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to
J. ALAHUPRETI
for successfully completing the course
Wild Life Ecology
with a consolidated score of **84** %

Online Assignments	19.69/25	Proctored Exam	64.5/75
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Total number of candidates certified in this course: 470

T.V. Prabhakar
Prof. T. V. Prabhakar
Chairman
Centre for Continuing Education, IITK

Jan-Apr 2019
(12 week course)

Satyaki Roy
Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

swayam

Roll No: NPTEL19BT09S51241289 To validate and check scores: <http://nptel.ac.in/noc>