



FORESTS AND THEIR MANAGEMENT

PROF. ANKUR AWADHIYA

Department of Madhya Pradesh Forest
Department 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

INDUSTRIES APPLICABLE TO : Tourism, Education, Green energy, Renewable energy/Materials industries

COURSE OUTLINE :

The Science of Forestry and the management of forests has taken front seat as a mechanism of climate change mitigation. It is one of the few very effective measures available for the sequestration of atmospheric carbon. At the same time, management of forests provides access to tourism avenues, major and minor forest produce, food and water security for wildlife and also for people. In this course, we shall discuss the principles of forestry and silviculture. We shall use case studies and examples from India and abroad to understand how forests are planted, managed and harvested for optimising various economic and ecological values derived from forests.

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: Basics of silviculture

Week 3: Forest soils

Week 4: Forest mensuration

Week 5: Forest surveying

Week 6: Forest protection

Week 7: Silvicultural management - I

Week 8: Silvicultural management - II

Week 9: Logging and yield

Week 10: Silvicultural practices

Week 11: Newer trends in forestry

Week 12: Revision

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

No. of credits recommended by NPTEL-3
An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



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This certificate is awarded to
RAHUL M R
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Forests and their Management
with a consolidated score of **100** %
Online Assignments 25/25 Proctored Exam 75/75
Total number of candidates certified in this course: 727



Prof. Rajesh M. Hegde
Chairman, Centre for Continuing Education
IIT Kanpur

Jan-Apr 2021
(12 week course)



Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



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 POOLAMANNIA (PO)
 MALAPPURAM DT
 KERALA - 679327
 PH. NO -9946672543



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

No. of credits recommended by NPTEL-3

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 for successfully completing the course



Forests and their Management

with a consolidated score of **99** %

Online Assignments	25/25	Proctored Exam	73.5/75
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Total number of candidates certified in this course: 727

Prof. Rajesh M. Hegde
 Prof. Rajesh M. Hegde
 Chairman, Centre for Continuing Education
 IIT Kanpur

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 (12 week course)

Prof. Satyaki Roy
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1/164, MUNUSAMY NAIDU THOTTAM,
PULIYAMPATTI POST
POLLACHI
TAMILNADU - 642002
PH. NO :7373744707

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



No. of credits recommended by NPTEL-3
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This certificate is awarded to
SRI KIRUBASHINI M A J
for successfully completing the course
Forests and their Management

with a consolidated score of **99** %

Online Assignments	25/25	Proctored Exam	73.5/75
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 3/12 KUYAVANKATUKARAN STREET
 KOTTUR MALAYANDIPATTINAM
 POLLACHI
 TAMILNADU - 642114
 PH. NO :8056793043

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



No. of credits recommended by NPTEL-3
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This certificate is awarded to
PRIYADHARSHINI K
 for successfully completing the course
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with a consolidated score of **96** %

Online Assignments	25/25	Proctored Exam	70.5/75
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 KAMALI B
 15/16 THANGAMUTHU COLONY
 NETHAJI ROAD
 POLLACHI
 TAMILNADU - 642001
 PH. NO -9944368778



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

No. of credits recommended by NPTEL-3

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This certificate is awarded to
KAMALI B
 for successfully completing the course

Forests and their Management

with a consolidated score of **99** %

Online Assignments	25/25	Proctored Exam	73.5/75
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Roll No: NPTEL21BT20S23362535
 To,
 A G JANARANJANY
 7/99, ANNA NAGAR, MEENAKSHIPURAM,
 DIVANSAPUDUR POST,
 POLLACHI
 TAMILNADU - 642103
 PH. NO :382009882

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



No. of credits recommended by NPTEL-3
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This certificate is awarded to
A G JANARANJANY
 for successfully completing the course
Forests and their Management

with a consolidated score of **92** %

Online Assignments	24.38/25	Proctored Exam	67.5/75
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Roll No: NPTEL21BT20S23362538

To,
V DIVYA SRI HARINI
10/B, BAJANAI KOVIL STREET,
KUNJIPALAYAM, POLLACHI-642004
COMBATORRE
TAMIL NADU - 642004
PH. NO :7358867497

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



No. of credits recommended by NPTEL-3
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This certificate is awarded to
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for successfully completing the course
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with a consolidated score of **99** %

Online Assignments	25/25	Proctored Exam	73.5/75
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Roll No: NPTEL21BT20S23362541

To,
DIVYA R
2/87, THONDAMUHUR, THONDAMUTHUR POST
SAMATHUR VIA, POLLACHI
POLLACHI
TAMILNADU - 642123
PH. NO 9787334885



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

No. of credits recommended by NPTEL-3
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This certificate is awarded to
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Online Assignments	25/25	Proctored Exam	73.5/75
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