

AC – 20/05/2025

Item No. – 6.5 (N) (1b) Sem. IV

As Per NEP 2020

University of Mumbai



Syllabus for Basket of OE Vertical 3

Faculty of Science

Board of Studies in Zoology

Second Year Programme

Semester

IV

Title of Paper

Credits

I) Ecotourism

2

From the Academic Year

2025-26

Syllabus B.Sc. (Zoology) (Semester – IV)

Title of Paper: Ecotourism

Sr. No.	Heading	Particulars
1	Description of the course: Including but Not limited to:	Ecotourism refers to responsible travel to natural areas that conserves the environment, supports the well-being of local communities, and incorporates interpretation and education. It focuses on benefiting the environment and local communities by promoting conservation, education, and economic growth, while minimizing negative impacts. This course is designed to create employment opportunities in areas like hospitality, guiding, and conservation, while promoting sustainable livelihoods and reducing dependence on unsustainable practices.
2	Vertical:	Open Elective
3	Type:	Theory
4	Credit:	2 credits (1 credit = 15 Hours for theory in a semester)
5	Hours Allotted:	30 Hours
6	Marks Allotted:	50 Marks
7	Course Objectives: - To examine the principles of ecotourism, its historical development, and its role in environmental conservation and sustainable development. - To analyze ecotourism practices in India, assess their socio-economic and ecological impacts, and explore community participation in conservation efforts.	
8	Course Outcomes: Upon completing the syllabus, learners should be able to: - Describe the key concepts of ecotourism, including its history, units, and contributions to biodiversity conservation and sustainable development. - Evaluate ecotourism initiatives in India and Maharashtra by assessing their potential, community involvement, and conservation impact, and propose strategies for enhancing ecotourism sustainability.	

Module 1: Introduction to Ecotourism

1.1 General introduction, definition of ecotourism 1.1.1 History of ecotourism 1.1.2 Units of ecotourism • Wildlife watching • Resource protection • Ecotourism packages • Education and interpretation • Empowerment and poverty alleviation	06hrs
1.2 Ecotourism and environment conservation 1.2.1 Social and environmental objectives 1.2.2 Biodiversity conservation	02hrs
1.3 Ecotourism and sustainable development 1.3.1 Educating locals 1.3.2 Providing employment 1.3.3 Generating economic benefits 1.3.4 Increasing awareness 1.3.5 Strengthening the link between conservation and sustainable development	06hrs
1.4 Recent Trends in Ecotourism	01hr

Module 2: Ecotourism in India

2.1 Ecotourism in India – Potential areas of ecotourism in India 2.1.1 Spiti and Tirthan Valley, Himachal Pradesh 2.1.2 Kaziranga National Park and WLS, Assam 2.1.3 Kanha Tiger Reserve and WLS, Madhya Pradesh 2.1.4 Pirotan Island Marine National Park, Gujarat 2.1.5 Thenmala Ecotourism, Kerala 2.1.6 Andaman and Nicobar Islands 2.1.7 Ecotourism in the Western Ghats	06hrs
2.2 Ecotourism in Maharashtra: 2.2.1 Kas Plateau, Satara 2.2.2 Govardhan Eco village, Wada 2.2.3 Konkan region – Tarkarli	02hrs
2.3 Agriculture ecotourism	01hr
2.5 Role of community and tribes in ecotourism 2.5.1 Community Participation in Ecotourism 2.5.2 Worshiping of plants and animals 2.5.3 Sacred grooves	03hrs
2.6 Case study of Ecotourism Places 2.7.1 Morachi Chincholi (Pune) 2.7.2 Turtle Conservation in Velas (Ratnagiri) 2.7.3 Vulture Conservation at Shriwardhan (Raigad)	03hrs

10	Reference Books: • Fennel D. A. (2002): Ecotourism policy and planning, Cabi Publishing, USA. • https://www.agritourismbaramati.in • https://www.morachichincholi.com • Jagbir Singh (2013): Ecotourism I. K. International Pvt Ltd, ISBN 938002696X /978-9380026961. • Krishna Kumar Mishra (2022): Principles & Practices of ecotourism by Notion Press; 1st edition; Notion Press Media Pvt Ltd No,50, Chettiyar Agaram Main Road, Vanagaram, Chennai – 600095 ISBN 979-8886841619. • Martha Honey (1999): Ecotourism and sustainable Development by Island Press Washington DC, ISBN 978-1-55963-582-0. • Nigam and Satish Chandra (2006): Ecotourism and sustainable development ISBN-81-7880-260-0/8178802600. • Ralf Buckley (2004). Environment impacts of ecotourism, Cabi, London ISBN 978-1845934576. • Seema Bhatt and Syed Liyakhat (2011): Ecotourism Development in India Communities, Capital and Conservation, Foundation Books, ISBN 9788175968844. • Sukanta K Chaudhury. Cultural, ecology and sustainable development, Mittal, Delhi. • Weaver D. (2001): The encyclopedia of ecotourism, Cabi Publication.	
11	Internal Continuous Assessment: 40%	External, Semester End Examination 60% Individual Passing in Internal and External Examination
12	Continuous Evaluation through: Quizzes, Class Tests, Presentation, Project, Role play, Creative writing, Assignment etc. (at least 3)	

**Format of Question Paper:
S. Y. B. Sc. Zoology evaluation pattern and question paper pattern for semester
end theory examination of Open Elective course**

Internal Continuous Assessment: 40% (20 Marks)	Semester End Examination: 60% (30 Marks)	Duration for End Semester Examination
Assignment / Objective question test / Project / Role play / Creative writing (10 Marks), Viva (5 marks) Overall performance (5 Marks) Total (20 Marks)	As per paper pattern	01.00 hour

Format of Theory Question Paper: Semester End Examination

Time 1.0 Hr

Max. Marks 30

Attempt any two out of four:

Q. 1. Answer the following:	
a. Module I	05
b. Module I	05
c. Module II	05
Q. 2. Answer the following:	
a. Module II	05
b. Module II	05
c. Module I	05
Q. 3. Answer the following:	
a. Module I	08
b. Module II	07
Q. 4. Answer the following:	
a. Module II	08
b. Module I	07

Letter Grades and Grade Points:

Semester GPA/ Programme CGPA Semester/ Programme	% of Marks	Alpha-Sign/ Letter Grade Result	Grading Point
9.00 - 10.00	90.0 - 100	O (Outstanding)	10
8.00 - < 9.00	80.0 - < 90.0	A+ (Excellent)	9
7.00 - < 8.00	70.0 - < 80.0	A (Very Good)	8
6.00 - < 7.00	60.0 - < 70.0	B+ (Good)	7
5.50 - < 6.00	55.0 - < 60.0	B (Above Average)	6
5.00 - < 5.50	50.0 - < 55.0	C (Average)	5
4.00 - < 5.00	40.0 - < 50.0	P (Pass)	4
Below 4.00	Below 40.0	F (Fail)	0
Ab (Absent)	-	Ab (Absent)	0

Sd/-
Sign of the BOS
Coordinator
Dr. Vaishali U. Somani
BOS in Zoology

Sd/-
Sign of the
Offg. Associate Dean
Dr. Madhav R. Rajwade
Faculty of Science &
Technology

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Sign of the Offg. Dean
Prof. Shivram S. Garje
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Technology