

SNDT Women's University, Mumbai
Department of Geography, PGSR, Pune Campus,
Academic Year 2018-19

NOTICE

COURSE: Biodiversity Conservation (2 Credits)

DURATION: December 2018 - January 2019

STUDENT STRENGTH: 15

ELIGIBILITY CRITERIA:

To enroll in this course, students must be:

- Pursuing M.A. in Geography (First Year or Second Year) enrolled at SNDT Women's University

COURSE VENUE: Department of Geography, SNDT Women's University

INQUIRIES:

For further information, please contact Dr. Ratnaprabha Jadhav, Department of Geography, SNDT Women's University.

Registration for this course is FREE for eligible students.



Dr. Sachin Deore

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TWO CREDIT CERTIFICATE COURSE
ON
BIODIVERSITY CONSERVATION

Title of the Course: BIODIVERSITY CONSERVATION

1)	No. of Credits	:	02
2)	No. of hours (total)	:	30
	Theory hours	:	16
	Practical hours	:	14
3)	Total Marks	:	50
4)	Intended participants' size per batch	:	15

Introduction of the Course:

An environment rich in biological diversity offers the more options for sustainable economic activity. The loss of biodiversity often reduces the productivity of ecosystems, thereby shrinking nature's basket of goods and services. Conservation and sustainable use of biodiversity is fundamental to ecologically sustainable development. So through this course students will discover and understand the importance of biodiversity and accept the various ways of biodiversity conservation at their individual and community level.

5) Learning Objectives:

1. To understand different concepts related to biodiversity.
2. To classify various types of biodiversity and its importance in environmental balance.
3. To assess the threats to biodiversity and create awareness about the biodiversity conservation.

4. Course Content:

No.	Module Title	Content	Lectures	Marks
1	Biodiversity	<p>Concept of Biodiversity, Definition and Meaning of Biodiversity</p> <p>Types of Biodiversity – Genetic biodiversity, Species Biodiversity, Ecosystem Biodiversity</p> <p>Values of Biodiversity Biodiversity and People, Biodiversity and Health, Biodiversity and Culture</p> <p>Biodiversity Survey</p>	15	25
2	Biodiversity Conservation	<ul style="list-style-type: none"> • Biodiversity Hotspots • Threats to Biodiversity • Major Causes of Biodiversity Loss • Conservation of Biodiversity <p>Environment Protection Act, 1986 Wildlife Act 1972 and Wildlife Amendment Act 1991 In-Situ Conservation Ex-Situ Conservation Tree Survey of SNDT Campus Field Visit at Botanical Garden/Butterfly Garden/</p>	15	25

Suggested reading materials

- Asthana, D. K. and Asthana, M. (2012). A Textbook of Environmental Studies, S. Chand & Company Ltd., New Delhi.
- Ehrlich, P.R., and E.O. Wilson. 1991. Biodiversity studies: Science and policy. Science 253:758–762.
- Noss, R.F. 1990. Indicators for monitoring biodiversity: A hierarchical approach. Conservation Biology 4(4):355–364.
- Rajgopalan, R. (2016). 'Environmental Studies - from crisis to cure', Oxford University press, New Delhi. Third Edition.
- Ram Chandra (2016), Environmental Waste Management, CRC Press/Taylor & Francis Group, U.S.
- Randall, A. 1991. b. Thinking about the value of biodiversity. Unpublished manuscript.
- State of India's Environment (2019), Down to Earth Annual, New Delhi www.downtoearth.org.in
- Savindra Singh (2012). 'Environment Geography', New Century Publications, New Delhi.
- Wilson, E.O. 1989. Threats to biodiversity. Scientific American 261(3): 108.

Rajgopal
Course-co-ordinator