



**JAI HIND COLLEGE
BASANTSING INSTITUTE OF SCIENCE
&
J.T.LALVANI COLLEGE OF COMMERCE
(AUTONOMOUS)**

"A" Road, Churchgate, Mumbai - 400 020, India.

**Affiliated to
University of Mumbai**

Program: F.Y.COM

Proposed Course: Environmental Studies II

**Credit Based Semester and Grading System (CBCS) with
effect from the academic year 2018-19**

F.Y.B.Com: Environmental Studies Syllabus

Academic year 2018-2019

Semester II			
Course Code	Course Title	Credits	Lectures /Week
CEVS201	Environmental Studies II	03	
Learning Objectives	<ol style="list-style-type: none"> 1. To create an environmental awareness among commerce students 2. Make aware students about various environmental factors and its relation to the field of Commerce. 3. To highlight functional and spatial links between environment, economy and society. 4. To create an insight into various environmental issues at various levels and environmental movements towards making environmental sustainable. 		
Course Description	Course intends to aware the students about solid waste management, status of agriculture and industrial development in India, tourism and its impact on environment. Environmental movements and ways to manage the issues are also highlighted along with map filling activity for Mumbai and Konkan.		
	THEORY		60
Sub Unit	Unit – I: Solid Waste Management for Sustainable Society		15
1	Classification of solid wastes – Types and Sources of Solid Waste ; Effects of Solid Waste, Pollution, Health hazards, Environmental Impacts		07
2	Solid Waste Management – solid waste management in Mumbai- Schemes and initiatives run by MCGM		06

3	Role of citizens in waste management in Mumbai		02
Sub Unit	Unit – II: Agriculture and Industrial Development		15
1	Environmental Problems Associated with Agriculture: Loss of Productivity, Land Degradation, desertification, Agriculture as a source for Bio-fuels.		04
2	Uneven Food Production – Hunger, Malnutrition and Food Security – Sustainable Agricultural practices		04
3	Environmental Problems Associated with Industries – Pollution -Global warming, Ozone Layer Depletion , Acid rain, - Sustainable Industrial practices		04
4	Green Business and Green Consumerism, Corporate Social Responsibility		03
	Unit – III: Tourism , Environmental Movements and Management		15
1	Tourism: Meaning, Scope and importance, Typology of tourism- classification; Tourism potentials in India and challenges before India; New Tourism Policy of India		04
2	Consequences of tourism : Positive and Negative Impacts on Economy, Culture and environment- Ecotourism, Case Study of Agro-tourism, Adventure and Beach tourism		04
3	Environmental movements in India: Save Narmada Movement, Chipko Movement, Appiko Movement, Save Western Ghat and Save Jaitapur; Environmental Management: Concept, need and relevance;		04
4	Concept of Carbon Bank and Carbon Credit , Environmental Impact Assessment, Concept and components of Geospatial Technology-		03

	Applications of GST in Environmental Management		
	Unit – IV: Map Filling of Mumbai and Konkan		15
1	Map filling of Mumbai (Environmentally significant features) using point, line and polygon segment		08
2	Map filling of Konkan (Environmentally significant features) using point, line and polygon segment		07
ICA- (Internal Continuous Assessment)	Quiz, Debates, Problem Solving, Case Studies, Survey, Experiment, Field report, Projects, Group Assignments etc		
References:	<p>Asolekar S, Gopichandran R. 2005. '<i>Preventive Environmental management- an Indian perspective</i>' CEE, Ahmedabad, Foundation Books Pvt Ltd, Daryaganj.</p> <p>Doniwal. H. K. 2009, '<i>Urban Geography</i>', GNOSIS, Delhi</p> <p>Dresner S., 2005, '<i>The Principles of sustainability</i>', Earthscan publication Ltd, London</p> <p>Hulse J. H., 2007, '<i>Sustainable Development at risk – Ignoring the past</i>', Cambridge University Press Indi Pvt. Ltd.</p> <p>Purvis M. and Grainger A., 2005, '<i>Exploring Sustainable Development – Geographical Perspectives</i>', Earthscan Publication, UK.</p> <p>Santra S. C., 2004, '<i>Environmental Science</i>', New Central Book agency Pvt Ltd, Kolkata</p> <p>Saxena H M., 2000, '<i>Environmental Management</i>', Rawat Publication, New Delhi.</p> <p>William M., Grossa J., 2002, '<i>Environmental Geography – Science, Land use and Earth System</i>', John Wiley and Sons Inc U.S.A.</p> <p>Wright R., 2008, '<i>Environmental Science –Towards Sustainable Future</i>', Eastern Economy Edition, Prentice Hall Inc, New Jersey, U.S.A.</p>		
	<p style="text-align: center;">Evaluation Scheme</p> <p>[A] Evaluation scheme for Theory course</p> <p>I. Continuous Assessment (C.A.) - 40 Marks</p>		

	<p>C.A I : Test of 20 Marks</p> <p>C.A II : Group assignment- 20 marks</p> <p>II. Semester End Exam (SEE) – 60 Marks Duration :2 Hours N.B i) All questions are compulsory. ii) All questions will carry equal marks ii) Attempt any TWO sub questions from question number 2 to 4.</p> <p>Q.1a) Map Filling (Mumbai Map) : 08 marks b) Map Filling (Konkan Map) : 07 marks</p> <p>Q.2 a) b) 15 marks c)</p> <p>Q.3 a) b) 15 marks c)</p> <p>Q.4 a) b) 15 marks c)</p>		
Workload of the Department	4 Lectures Per Division Per Week.		

