

तोलानी वाणिज्य महाविद्यालय (स्वायत्त)

(Sponsored and Managed by Tolani Education Society, Mumbai - 400 021) (Recognised Linguistic (Sindhi) Minority Institution, Affiliated to University of Mumbai)

#### Knowledge is Supreme

Re-Accredited (3<sup>rd</sup> Cycle) by N.A.A.C. with 'A' Grade (CGPA 3.03)

150-151, SHER-E-PUNJAB SOCIETY, GURU GOBIND SINGH ROAD, ANDHERI (EAST), MUMBAI-400 093. 

 Tel.
 : (022) 6153 5455

 Fax
 : (022) 6153 5456

 E-mail
 : tcc@tolani.edu

 Website
 : tcc.tolani.edu

Name of the Department/	Departn	Department of Environmental Studies and Foundation				
Programme	Course					
_	1) Bachelor of Commerce					
	<b>2) Bac</b>	2) Bachelor of Management Studies /				
	3) B.C					
	4) B.Com. in Banking and Insurance /					
	5) B.Com. in Financial Markets /					
	6) B.Sc. in Information Technology /					
	7) Bachelor of Business Administration (Logistics)					
Name of the Course	Indian l	Indian Knowledge Systems (IKS): Traditional Indian				
	Knowledge on Environmental Conservation					
Semester	Ι					
Number of Credits	2					
Number of Lectures	30					
Lecture Duration	60 minu	tes				
Total Marks:	CE	20	SEE	30	Total	50

#### Learning Objectives of the Course

Sr.No.	Objectives
LOC1	To familiarise the learners about the rich tradition of environmental conservation in India.
LOC2	To enable learners to relate the traditional knowledge to the contemporary life

#### Learning Outcomes of the Course

Sr. No.	Outcomes
CO1	The learners are familiarised with the integration of environmental conservation in Indian culture.



तोलानी वाणिज्य महाविद्यालय (स्वायत्त)

(Sponsored and Managed by Tolani Education Society, Mumbai - 400 021) (Recognised Linguistic (Sindhi) Minority Institution, Affiliated to University of Mumbai)

#### Re-Accredited (3<sup>rd</sup> Cycle) by N.A.A.C. with 'A' Grade (CGPA 3.03)

150-151, SHER-E-PUNJAB SOCIETY, GURU GOBIND SINGH ROAD, ANDHERI (EAST), MUMBAI-400 093. 

 Tel.
 : (022) 6153 5455

 Fax
 : (022) 6153 5456

 E-mail
 : tcc@tolani.edu

 Website
 : tcc.tolani.edu

Module	Details	No. of
No.		Lectures
1	Understanding of Environment in Indian civilisation	10
	Introduction to concept of <i>Panchmahabhutas</i> ; Concept of nature worship;	
	Understanding of environment in ancient Indian civilisation.	

Module	Details	No. of
No.		Lectures
2	Depiction of Nature in Indian culture	10
	The concept of verbal and non-verbal depiction of nature in culture; Verbal	
	Depiction of flora and fauna- Songs, stories, ballads; Non-verbal Depiction	
	of flora and fauna: Art forms- Painting, Textiles, Dance forms, Sculptures;	
	Depiction of flora and fauna in literature.	

Module	Details	
No.		Lectures
3	Indigenous Indian knowledge on resources utilisation	10
	Traditional practices of predicting weather; Traditional methods for conservation of resources- Water conservation; Concept of Sacred groves; Citizen Movements for protection of environment.	



तोलानी वाणिज्य महाविद्यालय (स्वायत्त)

(Sponsored and Managed by Tolani Education Society, Mumbai - 400 021) (Recognised Linguistic (Sindhi) Minority Institution, Affiliated to University of Mumbai)

Re-Accredited (3<sup>rd</sup> Cycle) by N.A.A.C. with 'A' Grade (CGPA 3.03)

150-151, SHER-E-PUNJAB SOCIETY, GURU GOBIND SINGH ROAD, ANDHERI (EAST), MUMBAI-400 093. Tel. : (022) 6153 5455 Fax : (022) 6153 5456 E-mail : tcc@tolani.edu Website : tcc.tolani.edu

#### References

- 1. M. Amirthalingam, Sacred Groves of Tamil Nadu: A Survey, CPR Environmental Education Centre, Chennai, 1998
- 2. B. Callicott, Earth's Insights: A Survey of Ecological Ethics from the Mediterranean Basin to the Australian Outback, University of California Press, Berkeley, 1994
- Christopher K. Chapple, 'Towards an indigenous Indian environmentalism', in Nelson E., Lance, (ed.), Purifying the Earthly Body of God, p. 20, State University of New York Press, Albany, 1998
- 4. O.P. Dwivedi, Environmental Crisis and Hindu Religion, Gitanjali Publishing House, Delhi, 1987
- 5. David L. Gosling, Religion and Ecology in India and Southeast Asia, Routledge, London & New York, 2001
- 6. David R. Kinsley, Ecology and Religion: Ecological Spirituality in Cross-Cultural Perspective, Prentice-Hall, New Jersey, 1995
- 7. Bansi Lal Malla, Trees in Indian Art, Mythology and Folklore, Aryan Books International, New Delhi, 2000
- R. Narayan and J. Kumar, Ecology and Religion: Ecological Concepts in Hinduism, Buddhism, Jainism, Islam, Christianity and Sikhism, Deep and Deep Publications, New Delhi, 2003
- 9. Trilochan Pande, 'Tree worship in ancient India', in Sankar Sen Gupta, (ed.), Tree Symbol Worship in India, Indian Publications, Calcutta, 1965
- 10. Ravi Rajan, 'Imperial Environmentalism or Environmental Imperialism? European Forestry, Colonial Foresters and the Agendas of Forest management in British India 1800-1900', in Richard H. Grove, Vinita Damodaran and Satpal Sangwan, (eds.), Nature and the Orient: The Environmental History of South and Southeast Asia, Oxford University Press, New Delhi, 1998
- L.A. Ramdas, 'Monsoon and Rainfall Pattern in Indian Sub-continent', in B.C. Law, (ed.), Mountains and Rivers of India, National Committee for Geography, Calcutta, 1968



तोलानी वाणिज्य महाविद्यालय (स्वायत्त)

(Sponsored and Managed by Tolani Education Society, Mumbai - 400 021) (Recognised Linguistic (Sindhi) Minority Institution, Affiliated to University of Mumbai)

Re-Accredited (3<sup>rd</sup> Cycle) by N.A.A.C. with 'A' Grade (CGPA 3.03)

150-151, SHER-E-PUNJAB SOCIETY, GURU GOBIND SINGH ROAD, ANDHERI (EAST), MUMBAI-400 093. Tel. : (022) 6153 5455 Fax : (022) 6153 5456 E-mail : tcc@tolani.edu Website : tcc.tolani.edu

- 12. K.N. Sahay, 'Tree-cult in tribal culture', in Sankar Sen Gupta, (ed.), Tree Symbol Worship in India, Indian Publications, Calcutta, 1965
- 13. Pragati Sahni, Environmental Ethics in Buddhism: A Virtual Approach, Routledge, New York, 2008
- 14. Lambert Schmithausen, 'The Early Buddhist Tradition and Ecological Ethics', Journal of Buddhist Ethics, Volume 4, 1997 (retrieved 8 June 2012 from http://dharmaflower.net/collection/earlybuddhist.pdf)
- 15. Priyadarsan Sensarma, 'Conservation of Biodiversity in Manu Samhita', Indian Journal of History of Science, 33(4), 1998
- 16. Vipul Singh, The Human Footprint On Environment: Issues in India, Macmillan India, New Delhi, 2012
- 17. K.D. Upadhyaya, 'Indian Botanical Folklore', in Sankar Sen Gupta, (ed.), Tree Symbol Worship in India, pp. 1–18, Indian Publications, Calcutta, 1965
- 18. www.sacredland.org/sacred-groves-of-india/
- 19. www.cseindia.org/dte-supplement/forest20031231/sacred\_disconnect.htm
- 20. <u>www.fao.org/docrep/005/y9882e/y9882e14.htm</u>
- 21. www.arcworld.org/faiths.asp?pageID=7
- 22. www.bishnoism.com
- 23. www.ceeindia.org/cee/index.htm
- 24. www.cseindia.org
- 25. http://cpreec.org
- 26. www.kalpavriksh.org
- 27. www.navdanya.org



**Knowledge is Supreme** 

## Tolani College of Commerce (Autonomous)

तोलानी वाणिज्य महाविद्यालय (स्वायत्त)

(Sponsored and Managed by Tolani Education Society, Mumbai - 400 021) (Recognised Linguistic (Sindhi) Minority Institution, Affiliated to University of Mumbai)

#### Re-Accredited (3<sup>rd</sup> Cycle) by N.A.A.C. with 'A' Grade (CGPA 3.03)

150-151, SHER-E-PUNJAB SOCIETY, GURU GOBIND SINGH ROAD, ANDHERI (EAST), MUMBAI-400 093. 

 Tel.
 : (022) 6153 5455

 Fax
 : (022) 6153 5456

 E-mail
 : tcc@tolani.edu

 Website
 : tcc.tolani.edu

#### Scheme of Evaluation Pattern Table 1A: Scheme of Continuous Evaluation (CE) Scheme of Evaluation Pattern

Sub-components	Maximum Marks	Conditions for passing
1) Fieldwork-based project work and report or assignment or presentation or report-writing or article/ book review or topic-based activity	10	<ul><li>a) A learner must be present for each of the sub- components.</li><li>b) The subtotal of both the</li></ul>
2) MCQ Based Test	10	sub-components must be minimum <b>08 marks</b>
Total	20	

### Table 1B: Scheme of Semester End Examination (SEE) Evaluation Question Paper Pattern for Semester End Examination (SEE)

#### Maximum Marks: 30 Minimum Marks to Pass: 12 Duration: 1 hour

Note: All questions are compulsory. Each question has an internal choice.

Ques Num		Nature of Questions	Maximum Marks	
1)	1) Attempt any TWO of the following: (From Module I)			
	А.		10	
	B.		10	
	C.			
2)		Attempt any TWO of the following: (From Module II)		
	A.		10	
	B.		10	
	C.			
3)		Attempt any TWO of the following: (From Module III)		
	A.		10	
	B.		10	
	C.			