

SHIVAJI UNIVERSITY, KOLHAPUR



Draft Structure and Syllabus  
for  
Proposed Interdisciplinary Certificate Course

**Community Initiatives in Natural Resource  
Management**

60 Hours - Four Credits

Course Code CD-NRM

To be introduced in 2012-2013

(Subject to the modifications made from time to time)

# Community Initiatives in Natural Resource Management

Interdisciplinary and Multidisciplinary 60 Hour Four Credit Certificate Course  
To be introduced in 2011-2012

Course Code CD-NRM

## Relevance of the course

- It will acquaint the students with the skills and techniques required to conserve natural resource management with community initiatives.
- The course aims at respecting and documentation of community knowledge to conserve natural resources.
- The course would inculcate sense of responsibility toward natural resources and impart leadership qualities to mobilize community to conserve and manage natural resources.
- This course caters to the training needs of the middle level functionaries of development professionals, researchers, activists and students.
- Appreciation and measurement of different aspects of natural capital
- The impact of policy and market state and civil society actors on natural resource management at the community level

## Course Structure:

- The course is of 60-hour duration and would spread over one academic term.
- One credit of 15 hours can be considered as training program of one week duration. Participants can take admission for any of the credits as per their requirement and they are eligible for participation certificate.
- However those participants who complete four credits are eligible for theory examination it consists of 100 marks.
- Theory examination at the end of academic year would carry maximum 50 marks.
- Internal assessment carries maximum 100 marks that include assignment, project and visits.

## Admission:

1. Admission is open for any graduate of any discipline.
2. It can be simultaneously pursued along with the other post-graduate course.
3. At least 75% attendance is required to enable to student to appear for theory examination.
4. Intake for the course will be 25.

**Fee structure- Per credit 500/-  
Admission form 10/-**

Examination Fee :-100/- (To be paid along with the examination form)

**Examination and assessment**

- The examination of the course will be conducted by the University at the end of academic year. Examination fee of Rs. 100 fee as mentioned above will be charged for the same.
- The Examination for this course shall be by a theory paper, seminar, project, fieldwork and assignments.
- The student has to submit the assignments/ seminar papers before the date of the theory examination.

**Grading**

<b>Aggregate of Total Marks</b>	<b>Letter Grade</b>	<b>Class</b>
70-100	O	Distinction
60-69	A	First Class
55-59	B+	Higher Second Class
50-54	B	Second Class
40-49	C	Pass
39 or less	D	Fail

# Community Initiatives in Natural Resource Management

To be introduced in 2012-2013  
Course Code WS-CC-ED

Contact Hours : 60  
Credits : 04  
Examination Duration : 3 hrs

Maximum Marks : 200  
Internal : 100  
External : 100

- I. Overview of Natural Resources** (15 Hours)
- i. Millennium Ecosystem Assessment
  - ii. Water: Quantity and Quality
  - iii. Air,
  - iv. Soil
  - v. Forest and Urban Biodiversity
- II. Key Pollutants : Sources and Status** (15 Hours)
- i. Waste Disposal and Water Bodies
  - ii. Vehicles and other Air Pollutants
  - iii. Industries
  - iv. Agriculture
  - v. Development Work
- III. Community Practices of Natural Resource Management** (15 Hours)
- i. Socio-cultural and economic aspects
  - ii. Protected areas at Community level, DEVRAI,
  - iii. Ecotourism and Agro-tourism
  - iv. Conservation of traditional knowledge
  - v. Waste Recycling and Community Open Space
- IV. Environmental Awareness and Conservation Strategies** (15 Hours)
- i. Environmental Activism, Role of Media
  - ii. Involvement of Youth and Women's Self Help of Groups
  - iii. Integrating Gender Perspective
  - iv. Leadership and Team Building
  - v. Building Strategies and Advocacy  
(In the light of Millennium Development Goals)

**Evaluation:**

Theory: 100 Marks  
Project/ seminar/ training and Viva 100 Marks

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**Total** **200 Marks**

## Readings:

(Additional readings will be recommended by the course teacher. )

Online Sources and Power point presentations will be made available to course participants

Brehm, et al. "Community Attachments as Predictors of Local Environmental Concern: The Case for Multiple Dimensions of Attachment"; Hibbard and Madsen, "Environmental Resistance to Place-Based Collaborations in the U.S. West." Sturtevant and Bryan, "Commentary on 'Environmental Resistance to Place-Based Collaboration' by M. Hibbard and J. Madsen." Hibbard and Madsen, "Response to Sturtevant and Bryan" *Measuring Community Success*, "Outcome 4, indicator 6.

*Consuming Nature*, Conclusions; *Growth Rings*, Ch. 7; Kline, "Public Demand for Preserving Local Open Space." *Measuring Community Success*, "Outcome

Heide, Gale. 1998. *This is My Father's World. A Unique Perspective on Environmental Ethics*. Joy Publishing. [BUY THIS BOOK HERE](#).

*America's Living Oceans: Charting a Course for Sea Change: A Report to the Nation Recommendations for a New Ocean Policy*. May 2003. Pew Oceans Commission (Powerpoint) - [Pew Charitable Trusts - Executive Summary - PDF](#) - [Full Report - PDF](#)

*Global Threats to Coral Reefs - Chapter 1: Global Threats to Coral Reefs: Coral Bleaching, Global Climate Change, Disease, Predator Plagues, and Invasive Species*.(PDF): *Status of Coral Reefs of the World: 2004--Vol 1 (full document PDF)* - [Jeremy Goldberg and Clive Wilkinson](#).

Millennium Ecosystem Assessment) *Overview Synthesis Report*. Millennium Ecosystem Assessment Synthesis Report downloads - [PDF](#)  
MEA Powerpoint Presentations (Findings - full slide show) (20-minute presentation) ([MA Board Statement](#))

Millennium Ecosystem Assessment Project - see [REPORTS](#) (download reports [HERE](#)): *Living Beyond Our Means: Natural Assets and Human Wellbeing* (Statement of the MA Board), Millennium Ecosystem Assessment Synthesis Report downloads