

Ph.D. Programme
(Environmental Science)

Programme Structure
&
Curriculum & Scheme of Examination
2021-22

AMITY UNIVERSITY MADHYA PRADESH
GWALIOR

Amity University Madhya Pradesh, Gwalior



Amity University Madhya Pradesh, Gwalior
COURSE II – Environmental Management, Laws & Ethics
Paper Code: EVS-106

MM 100
Time: 3 Hrs.
Pass Marks: 40%

Sessional: 30
ESE:70
Credits – 04

Unit I:

Environmental Management: Concept and scope, Systems and approaches, Standards- international and national; Eco mark; Environmental accounts and auditing, Green funding and taxes, Trade and environmental management.

Unit II:

Environmental management of water, forest and biological resources; Management of pollution, Natural resource management - forest resources, water resources, land resources and mineral resources.

Unit III:

Evolution and development of International Environmental laws, Role of regulatory agencies; Role of NGO's; Public participation for environmental management, Role of court and appellate authorities in environmental protection, National and International conventions.

Unit –IV:

Legal, administrative and constitutional provisions for environmental protection in India. Statutory protection of the Human Environment – Factories Act, Motor Vehicle Act, Hazardous Waste legislation for pollution abatement; Water Act. 1974 & 1977 (CESS), Air Act 1981, Environment Protection Act, 1986, Wild life protection act 1972 as amended 1991; forest conservation act, 1980; Indian forest act (revised) 1982.

Unit V:

Understanding ethics and bioethics, Environmental ethics: Issues and possible solutions. Human dignity and human rights, Principles of benefit and harm, Sharing of biodiversity benefits.

Examination Scheme

Component	CT	Attendance	Assignment/Project/Seminar/Quiz	EE
Weightage (%)	15	5	10	70

Reference Books -

1. Ecology & Environmental Science: SVS Rana; PHI Learning Private Ltd. delhi
2. Leopold, A. 1949. The Land Ethic. pp. 201-214. Chicago, USA.
3. National Research Council (NRC). 1996. Linking Science and Technology to Society's Environmental Goals. National Academy Press
4. Divan, S. & Rosencranz, A. 2001. Environmental Law and Policy in India. Oxford University Press
5. Venkat, A. 2011. Environmental Law and Policy. PHI Learning Private Ltd.