

Internal Assessment : 10

Course Code:

AEC03

Credit - 02

SEE- 40

M.M.- 40+10=50

UNIT -I 10 Hours	THE MULTI DISCIPLINARY NATURE OF ENVIRONMENTAL STUDIES: Definition, Scope and importance , Need for public awareness. Natural Resources: Natural resources and associated problems . (a) Forest resources : Use and over exploitation, deforestation . (b) Water resources: Use and over utilization of surface and ground water, problems. (c) Mineral resources : Use and exploitation and environmental effects .
UNIT -II 10 Hours	ECOSYSTEMS. Concept of ecosystem . Structure and function of ecosystem. <ul style="list-style-type: none">• Producers , Consumers and decomposers• Energy flow in the ecosystem.• Food chains , food webs and ecological pyramids.
UNIT -III 10 Hours	Biodiversity and its conservation. <ul style="list-style-type: none">• Introduction - Definition: genetic, species and ecosystem diversity.• Biogeographical Regions of India .• Biodiversity at global , national and local levels.• Endemic and Endangered species .• Causes of Bio diversity Deflation.• Conservation of biodiversity : In-situ and Ex-situ conservation of biodiversity .

References Boosk:-

1. Agarwal K.C., 2001 Environmental Biology, Nidi Pubi, Ltd. Bikaner.
2. Dr. A.K., Environmental Chemistry, Wiley Estern Ltd.
3. Odum, E.P. 1971, Fundamentals of Ecology, W.B. Saunders, Oxford & IBH publi. Co. Pvt. Ltd.
4. Dr. Savindra Singh , 2022 Pryavaran Bhoogol , Pravalika, publicaton, prayagraj.
5. Awasthi , N.M. & R.P. Tiwari (2010) Prayavaran Bhoogol, MP Hindi Ganth Academic.
6. Dr. Ratan Joshi (2022) Environmental Studies, Sahitya Bhavan Publication .
7. Saxena H.M. (2019) पर्यावरण एवं पारिस्थिति की भूगोल Rajasthan Hindi Granth Academy,
8. Khullar, D.R & J.A.C.S. Rao (2018) पर्यावरण M.c Graw Hill Education . Chennai.