

S. S. JAIN SUBODH P.G. (AUTONOMOUS) COLLEGE JAIPUR

(Affiliated to University of Rajasthan)



SYLLABUS

Scheme of Examination of Generic Elective Course

FACULTY OF SCIENCE

DEPARTMENT OF ENVIRONMENTAL SCIENCE

GENERIC ELECTIVE COURSES FOR B.A./B.COM./B.SC.

As per New Education Policy -2020

J.L.
PSS
H. Jain

Scheme of Examination:

(Attempt all Questions)

1. 10 Questions Very Short Answers 10x1 Marks= 10
2. 10 Questions Short Answers 5x4 Marks= 20
3. 2 Question Long Answers 2x10 Marks= 20

(1 Question from each unit with internal Choice)

4. Supplementary/ Due Paper/Special Examinations will be resolute as per the institutions autonomous rules.
5. Grade/CGPA/Percentage/Division will be decided as per the autonomous guidelines of the institution.

Scheme of Examination of Generic Elective

Total of End Sem. Exam - 50

Total of End Sem. Exam	50
Maximum Marks	50
Minimum Marks	20
Duration of Examination	02 hr

CREDIT SCHEME:

Credit of Course:	2 Credits
No. of Hours per week:	2 hrs
Total number of Teaching hours:	30 hrs

J.L

PSS

Yasini

GENERIC ELECTIVE

Green Technology and Sustainable Development

Course Code:

Technical hours: 30

Credit: 2

Objective:

- Understand the strategic and organizational context of environmental management in different settings and design and deliver practical outcomes that contribute positively to environmental performance.
- Determine the present scenario at India and as well as at global scale, recognize the suitable natural resources production and its significance.

Unit-1

Definition, Concept and Eco-designing of green technology, Eco-farming, Eco-mark certification, Applications of green technologies, role of advancement in science in developing environmental friendly technologies, ISO 14000 (EMS), Components of Environmental Management, Overview of CSR, ISO 26000, Quality Standards of WHO and IBS- Water Quality Standard

Unit-2

History and emergence of the concept of Sustainable Development and its Goals, Sustainable Production and Consumption, Climate Action, MSD and SDG India, role of CPCB, State Governments and WHO, Education for Sustainable Development (ESD).

Reference Books:

1. Sustainable Development- Issues and Perspectives; R.N Pati and Odile Schwarz-Herion; D. K. Print world Pvt. Ltd.; 2007
2. Concepts of Environmental Management for Sustainable Development; M.C. Dash; Dreamtech Press; 2019
3. The Age of Sustainable development, Jeffrey D. Sachs and Ban Ki Moon, Columbia University press; 2015
4. Economics Of Sustainable Development; Sabanna Talwar; Global Research Publications; 2012
5. Leadership for Sustainability: Strategies for Tackling Wicked Problems , R. Bruce Hull, David P. Robertson and Michael Mortimer, Island Press, 2020

