A.P. STATE COUNCIL OF HIGHER EDUCATION
B A, B Com & B Sc Programmes

Revised CBCS w.e.f. 2020-21
SKILL DEVELOPMENT COURSES

SCIENCE STREAM

Syllabus of
ENVIRONMENTAL AUDIT
Total 30 hrs (02h/wk), 02 Credits & Max 50 Marks

Learning Outcomes:
By successful completion of the course, students will be able to;
1. Understand the basic concepts Environmental health
2. Learn and identify the industrial pollution
3. Explain the highlights in the regulatory aspects of Environmental law and policy
4. Understand the various phases of Environmental Audit

UNIT – I
Industrial Pollution and its effects
Climate – Weather and Air Pollution – Classification of water and water bodies – Water Quality
Parameters – Water Pollution – Sources – Classification, nature and Toxicology of water
pollutants. - Soil parameters – Soil pollution and impacts – Soil conservation

UNIT - II
Environmental Law & Policy:
Highlights of the Acts, Institutional arrangements for: (1) The Water (Prevention & Control of
Pollution) Act, 1974 amended in 1988; (2) The Air (Prevention and Control of Pollution) Act,
amended in 1991; (4) The Environment (Protection) Act, 1986; (5) The Public Liability

UNIT - III
Environmental Audit - Scope & Requisites:
Environmental Audit: Definition; Objectives; Scope, Coverage - GOI Notification on
Environmental Audit - Benefits to Industry. Reporting Environmental Audit Findings -
Importance of Environmental Audit Report to industry, public and the governments.
Co-curricular Activities Suggested:

1. Visit to understand Institutional arrangements and functioning of Pollution Control Boards.
2. Visiting different Ecosystems
4. Water analysis: Determination of pH, Dissolved solids and suspended solids, Dissolved Oxygen, COD, BOD.
5. Assignments, Group discussion, Quiz etc.

Reference books and websites:

1. Environmental Education in India by K.R. Gupta
2. Environmental Legislation in India by K.R. Gupta
3. https://parivesh.nic.in/
4. https://www.cpcb.nic.in/
5. https://www.free-ebooks.net/environmental-studies-academic
Recommended MODEL QUESTION PAPER FORMAT

Max. Marks: 50

Time: 1½ hrs (90 Minutes)

SECTION- A

(4x5M=20 Marks)

Answer any four questions. Each answer carries 5 marks
(At least 1 question should be given from each Unit)

1. 
2. 
3. 
4. 
5. 
6. 
7. 
8. 

SECTION B

(3x10M= 30 Marks)

Answer any three questions. Each answer carries 10 marks
(At least 1 question should be given from each Unit)

1. 
2. 
3. 
4. 
5.
MODEL QUESTION PAPER

Max. Marks: 50

Time: 1½ hrs (90 Minutes)

SECTION- A

(4x5M=20 Marks)

Answer any four questions. Each answer carries 5 marks
(At least 1 question should be given from each Unit)

1. Write any three global environmental problems?
2. Write a short note on soil pollution and its impact?
3. What is BOD and explain its significance in determining the quality of water?
4. What are the objectives of the environmental Acts and the Institutional arrangements?
5. Write a brief note on the environmental laws that governs the water pollution?
6. Write a brief note on the functioning of central and state pollution control boards?
7. What are the objectives of environmental audit?
8. What is GoI notification on environmental audit?

SECTION B

(3x10M = 30 Marks)

Answer any three questions. Each answer carries 10 marks
(At least 1 question should be given from each Unit)

1. What is water pollution and explain in detail about the water pollutants?
2. What is air pollution and explain in detail about the air pollutants?
3. Write an essay on the Water (Prevention & Control of Pollution) Act, 1974 amended in 1988
5. What is environmental audit and explain the various stages involved in it and the benefits of environmental audit to the industry?

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