

## Lesson Plan

Teacher Name – Kusum Lata

Class – B.A

Semester - II

Subject – Environmental Studies

Session – 2023-24

(Section-wise class – 3 days in a week for each class)

Week (February)	Topics
1 (6-10)	Unit-I – Definition, scope and importance of environmental studies
2 (12-17)	Need of public awareness Unit-II – Forest Resources, Water Resources, Food Resources
3 (19-24)	Mineral Resources, Land Resources, Energy Resources
4 (26-29)	Role of individual in conservation of Energy Resources Unit-III – Ecosystem- Concept, Structure

Week (March)	Topics
1 (1-2)	Food chain, Food web, Ecological Succession
2 (4-9)	Unit-IV – Biodiversity- definition, Value and threats, Conservation, Hotspots
3 (11-16)	Test Unit-V – Pollution- Air, Water, Noise, Soil
4 (18-22)	Solid Waste Management, Disaster Management, Role of individual in prevention of pollution.
5 (23-31)	Holi Vacations

Week (April)	Topics
1 (1-6)	Unit-VI – Social issues- Climate change, Global Warming, Acid Rain, Water Conservation, Environmental ethics
2 (8-13)	Wasteland reclamation, Acts Unit-VII – Population Introduction
3 (15-20)	HIV/AIDS, Women Welfare Programme, Role of Information Technology
4 (22-27)	Test, Field Report submission and Viva
5 (29-30)	Field Report Submission and Viva

Week (May)	Topics
1 (1-3)	Revision
2 (6-10)	Revision

## Lesson Plan

Teacher Name – Kusum Lata

Class – B.Sc. (Medical, Non-Medical, C.S)

Semester - II

Subject – Environmental Studies

Session – 2023-24

(Section-wise class – 3 days in a week for each class)

Week (February)	Topics
3(19-24)	Unit-I – Definition, scope and importance of environmental studies, Need of public awareness
4(26-29)	Unit-II – Forest Resources, Mineral Resources, Water Resources, Land Resources, Food Resources

Week (March)	Topics
1(1-2)	Unit-II – Energy Resources, Role of individual in conservation of Energy Resources
2(4-9)	Unit-III – Ecosystem- Concept, Structure, food chain, food web, Ecological Succession
3(11-16)	Unit-IV – Biodiversity- definition, Value and threats, Conservation, Hotspots
4(18-22)	Test Unit-V – Pollution- Air, Water, Noise, Soil
5(23-31)	Holi Vacations

Week (April)	Topics
1(1-6)	Solid Waste Management, Disaster Management, Role of individual in prevention of pollution.
2(8-13)	Unit-VI – Social issues- Climate change, Global Warming, Acid Rain, Water Conservation, Environmental ethics
3(15-20)	Wasteland reclamation, Acts Unit-VII – Population Introduction
4(22-27)	HIV/AIDS, Women Welfare Programme, Role of Information Technology
5(29-30)	Test, Field Report submission and Viva

Week (May)	Topics
1(1-3)	Field Report submission and Viva
2(6-10)	Revision

## Lesson Plan

Teacher Name – Kusum Lata

Class – M.com

Semester - II

Subject – Environmental Studies and Sustainable Development

Session – 2023-24

(Section-wise class – 3 days in a week)

Week (February)	Topics
3 <sup>rd</sup> week	Water resources management
4 <sup>th</sup> week	Energy and green energy technology

Week (March)	Topics
1 <sup>st</sup> week	Waste management
2 <sup>nd</sup> week	Environmental laws and policies and legal proceedings
3 <sup>rd</sup> week	Wildlife protection and conservation
4 <sup>th</sup> week	Environment management plan
5 <sup>th</sup> week	Holi Vacations

Week (April)	Topics
1 <sup>st</sup> week	PPT presentation
2 <sup>nd</sup> week	PPT presentation
3 <sup>rd</sup> week	Submission of study report and viva
4 <sup>th</sup> week	Submission of study report and viva
5 <sup>th</sup> week	Submission of study report and viva

**DEPARTMENT OF ENVIRONMENTAL SCIENCE**

**LESSON PLAN - (2<sup>nd</sup> Sem.)**

**SESSION: 2023-2024**

**Name:** Sunita Punia (Extension Lecturer)

**Class:** B.A.1<sup>st</sup>(D),B.Com.Hons.1<sup>st</sup> , B.A1<sup>st</sup> Evening (A,B)

**Paper:** Environmental Studies

Month	Week/ Days	Chapter/ Topic
<b>Febuary</b>	Week -3	<b>Introduction of Environment:</b> Meaning, Definition, Components, Importance/Need & Environmental Awareness, Multidiplinary Nature of Environment, Scope of Environmental Studies People in Environment, Environmental days/Calendar. <b>Introduction of Natural Resources:</b> Meaning, Definition, Classification, Different types of Natural Resources
	Week -4	<b>Forest Resources:</b> - Importance & uses, Afforestation, Deforestation, Causes & Effects of Deforestation. <b>Mineral Resources:-</b> Definition, Classification, uses of different types of minerals. <b>Land resources:-</b> Importance, Causes of land degradation <b>Food Resources:-</b> Food problems, Diseases related to food.
<b>March</b>	Week -1	<b>Water Resources:-</b> sources of Water, Importance, Dams and its Benefits, <b>Energy Resources:-</b> Definition, Classification, Renewable and non-renewable energy sources. Discussion on Different aspects of Environment like Drought, Floods, Dams & Climate Change, Role of Individual in Conservation of Natural Resources.
	Week - 2	<b>Ecosystem:-</b> Meaning, Definition, Types, Importance ,Energy flow, Food chain & Food web with examples, Ecological pyramids, types , major Ecosystem. Ecological succession.
	Week - 3	<b>Biodiversity:-</b> Meaning & Definition of Biodiversity, Levels, Conservation methods, Threats, National Park & Sanctuaries, Ex-situ, In-situ Conservation, Biosphere Reserve, Red-data book, Wild life Projects, Hot-spot in India.
	Week - 4	<b>HOLI -BREAK</b>
<b>April</b>	Week - 1	<b>Environmental Pollution:-</b> Definition, Types of pollution, Air, Water, Soil, Thermal, Noise & Marine etc., Pollution Control & Preventive methods. <b>Disaster management:-</b> Floods, cyclone, landslide and earthquake, role of individual in pollution control & disaster management. Project Report and test.
	Week - 2	Solid Waste Management, Types, Social issues, Sustainable Development, Urban problem, Water conservation, Watershed management, Rain water harvesting. Environmental Ethics, Global warming, Green- house effect, Ozone depletion, Nuclear accidents & general discussion.
	Week - 3	Waste land reclamation, Different acts & laws like forest Air, Water,

		Wildlife, Functions of CPCB & SPCB, Awareness methods, Population, Natality & Mortality. Population Explosion, Environment & Human Health, HIV, Women & Child welfare, Role of Information Technology in Environment & Human health.
	Week 4	Discussion on doubts and revision