



**B. Sc. (Zoology) Semester - I
Paper – II
(Environmental Biology)**

Unit 1

Atmosphere: Major zones and its importance, composition of air

<https://youtu.be/xRjJ-h3paYE?si=tsCUO2TgNRX6hWPY>

Hydrosphere: Global distribution of water, Physico-chemical characteristics of water

https://youtu.be/i7qISVgwzco?si=S_98wO8qvEaD-Kfb

Lithosphere: Types of rocks, formation of soil

<https://youtu.be/0FYeL3WMQJU?si=zGBqPcUg5L4VfRoD>

Renewable and non- renewable energy sources

<https://youtu.be/taPnzGV2o6A?si=NlwwTxEQJqzh6L9T>

Unit 2

Ecosystem

<https://youtu.be/Vnl-AQ8NkIw?si=U5rQ2CjX1ltDul1f>

Detailed study of pond ecosystem

https://www.youtube.com/redirect?event=video_

Food chain, food web and ecological pyramids

<https://youtu.be/j78g5iRnYBM?si=iuKu9sjsD-Rr0y1c>

Energy flow in an ecosystem, Single channel, Y – shape and Universal model

https://youtu.be/-Ay3Q18Q_Bo?si=ZI69kmSwZS53SSA1

Unit 3

Biodiversity and its conservation

https://youtu.be/ewJlmPSV_XE?si=m65jCeXH8aVTE-H-

Causes of reduction of biodiversity

<https://youtu.be/BmOJAVHxOYQ?si=mwR99YCJADwuPq-3>

Wildlife conservation acts (1972 and 1984), Introductory study of national parks and sanctuaries – Tadoba, Kanha, Bharatpur and Nagzira

<https://youtu.be/K7PAZyPd5O8?si=kqTIjUfLLsv0uoce>

Hot spots of biodiversity in India

https://youtu.be/JhVRDnhOT7s?si=Iec73IHbmK9_aymm

Unit 4

Sources, effect and control measures of air pollution, Acid rain, green house effect, ozone depletion and global warming

https://www.youtube.com/live/tPJU6xiVaHI?si=hI2JF_s0kJTJUIT9

Sources, effect and control measures of water pollution

<https://youtu.be/xKMhhQMxJns?si=2amadlsw8P1RE2J1>

Sources effect and control measures of noise pollution

<https://youtu.be/TCBIvT8iAL8?si=GNyx9i9POLjvIz8H>



Toxic effect of heavy metals (lead, cadmium and mercury) – Bioaccumulation and biomagnifications

<https://youtu.be/5d33XoaFZ7c?si=pCmYpbPF3B-BU6O2>