REFERENCES

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ZOP 512: ENVIRONMENTAL BIOLOGY - LABORATORY

4 Hours/Week

COURSE OUTCOME

1. The students will be trained on various methods of assessment of pollutions.
2. The impact of various pollutions on biotic community will be assessed through analysis of samples collected from different habitat (polluted / un polluted). The seasonal impact also will be assessed wherever possible.
3. It makes learners to understand the importance of a healthy environment for the survival of different living organisms.

Experiments:

1. Aspirants are exposed to nature and its components
2. Exploration of ecosystems to study life cycle of different organisms.
3. Calculation of biodiversity Index.
4. Vegetation studies by line, quadrate and belt transect methods.5.
5. Construction of ecological pyramids of different ecosystems.
6. Productivity of aquatic ecosystem by plankton study,
7. Study of wetland flora and fauna.
8. Field visit to aquatic, forest and other ecosystems for identification of biota.
9. Surveillance and quality of analysis of potable water.
10. Physico-chemical properties of polluted water.