



CITY ACADEMY LAW COLLEGE

(Affiliated to Lucknow University)

Tiwariganj, Chinhath, Lucknow. 0522-6555579, 8400133333

Website:cityacademylawcollege.com

Email Id : cityacademylawcollege21@gmail.com

SYLLABUS FOR ENVIRONMENTAL STUDIES

Common for LL.B. 3YEAR & LL.B. Integrated Courses

Unit 1: Introduction to environmental studies

- Multidisciplinary nature of environmental studies
- Scope and importance; Concept of sustainability and sustainable development.

Unit 2: Ecosystems

Definition, Structure, Types and function of ecosystem;

Energy flow in an ecosystem: food chains, food webs and ecological succession.

Unit 3: Natural Resources: Renewable and Non – renewable Resources

- Land resources, Water resources, Food resources, Energy resources

Unit 4: Biodiversity and Conservation

- Levels of biological diversity: genetic, species and ecosystem diversity; Bio-geographic zones of India; Biodiversity patterns and global biodiversity hotspots.
- India as a mega-biodiversity nation; Endangered and endemic species of India, threats to biodiversity: Habitat loss, poaching of wildlife, man-wildlife conflicts, biological invasions.
- Conservation of biodiversity: In situ and Ex situ conservation of biodiversity.

Unit 5: Environmental Pollution

- Environmental pollution: types, causes, effects and controls; Air, water, soil and noise pollution
- Nuclear hazards and human health risks
- Solid waste management: Control measures of urban and industrial waste.
- Pollution case studies

Unit 6: Environmental Policies & Practices

- Climate change, global warming, ozone layer depletion, acid rain and impacts on human communities and agriculture
- Environment Laws: Environment Protection Act; Air (Prevention & Control of Pollution) Act; Water (Prevention and control of Pollution) Act; Wildlife Protection Act; Forest Conservation Act. International agreements: Montreal and Kyoto protocols and Convention on Biological Diversity (CBD).
- Nature reserves, tribal populations and rights, and human wildlife conflicts in Indian context.

Books for Reference:



CITY ACADEMY LAW COLLEGE

(Affiliated to Lucknow University)

Tiwariganj, Chinhat, Lucknow. 0522-6555579, 8400133333

Website: cityacademylawcollege.com

Email Id : cityacademylawcollege21@gmail.com

1. R. Rajagopalan, Environmental Studies, Oxford IBH Pub, 2011.
2. Kogent Learning Solutions Inc., Energy, Environment, Ecology and Society, Dreamtech, 2012.
3. Rag, R. L, Ramesh, Lekshmi Dinachandran, Introduction to sustainable engineering