

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**B.E. SEMESTER : V**  
**ENVIRONMENTAL SCIENCE & TECHNOLOGY**

**Subject Name: Legislation in Environmental Protection**

**Subject Code: 153506**

Teaching Scheme				Evaluation Scheme			
Theory	Tutorial	Practical	Total	University Exam(E)	University Exam(P)	Mid Sem Exam(Theory) (M)	Practical (Internal)
4	2	0	6	70	0	30	50

Sr No	Course Contents
1	Constitutional Provisions for Environmental Protection: Specific Provisions for Environmental Protection in Constitution in India, Provisions in the Directive Principles of State Policy.
2	Environmental Acts, Rules, Notifications and Familiarization with important sections for Water ( Prevention & Control of Pollution) Act and corresponding rule Air ( Prevention & Control of Pollution) Act and corresponding rule Water ( Prevention & Control of Pollution) Cess Act and corresponding rule Environmental ( Protection ) Act and Rule Hazardous Waste and Biomedical Waste ( Management & Handling) Rules for manufacture, Storage and Import of Hazardous Chemicals Public Liability Insurance Act and Rule The Recycled Plastics Manufacturing and Usage Rules, 1999 & its amendments The Noise Pollution ( Regulation and Control) Rules 2000 and amendments Coastal Regulation Zone and amendments
3	Introduction to ISO 14000
4	Important Judgments & Case Studies such as Bhopal Gas Tragedy, Chernobyl, Los Angeles and London smog, Indonesian forest fire

**REFERENCE BOOKS:**

1. Handbook of Environmental Laws, Guidelines, Compliance & Standards,
2. Vol 1 & 2, Environ-Media, Karad, Inida, 1997
3. Water ( Prevention & Control of Pollution) Act 1974 and its amendments 1978; 1988
4. Air ( Prevention & Control of Pollution) Act 1981; 1987 and its amendments
5. Water Cess Act : 1977, 1992
6. Environmental Protection Act : 1986 and its amendments
7. Environmental Law and Policy in India by Armin Rozencaranz; Shyam Divan and Marhta L Noble; Tripathi Publications, 1999
8. Handbook of Environmental Laws, Acts, Rules, Guidelines, Compliances and Standards, Vol. I and II, BS Publications, Hyderabad. , 2002
9. Introduction to Environmental Legislation, B.L.Chavan, A.R.Shahane and C.S. Rawandale, Asian Inst. Env. Law., Karmala., 2001
10. Environmental Law, Bell Stuart & Mc Gillvray Donal, , Universal Law Publishing Co. 2001

11. Environmental Law and Policy Diwan Shyam and Rosencranz Armin,. Hughes David, 1992, Environmental Law, Butterworths. 2002
12. Environmental Law Case Book Leelakrishnan. P, 2004, , Lexis Nexis, Butterworths Environment and Pollution Law Mohanty. S. K., , Universal Law Publishing Co. Pvt. Ltd, 2004
13. Environmental Law in India Singh Gurdip, , Mcmillan & Co. ,2004
14. International Environmental Law, Singh Gurdip, 2003, in Gurdip Singh, International Law, Macmillan.
15. Complete Guide To ISO 14000 by Richard B. Clement, Simon & Schuster, 1<sup>st</sup> Ed.,1996