

GUJARAT TECHNOLOGICAL UNIVERSITY

Syllabus for M. Arch - 2019

SECOND SEMESTER

Subject: Environmental Impact Assessment

Course Code: X26104

Credits: 2

Course Objective: Environmental and legislative setting for sustainable architecture and development

Course Contents:

This module will highlight the role of EIA in development projects so as to understand avenues where adverse impacts of development projects can be minimized through formulation of mitigation measures and environmental management plans (EMP). The course will also focus on current institutional and legislative set up for EIA in the country such as environmental acts, regulations and notifications and environmental clearance procedures prevalent in the country. An appraisal of the EIA system against systematic evaluation criteria for various categories such as (i) Protected Areas notified under the Wild Life (Protection) Act, 1972, (ii) Critically Polluted areas as notified by the Central Pollution Control Board from time to time, (iii) Notified Eco-sensitive areas, and (iv) inter-State boundaries and international boundaries and If any Industrial Estate/Complex/Export processing Zones/Special Economic Zones/Biotech Parks/Leather Complex with homogeneous type of industries and others. Standards and indicators for appropriateness and optimum threshold considerations for new and additions & alterations to existing structures, heritage buildings, protective/ non protective monuments with reference to pre and post construction and design considerations for EIA.

References:

1. Constitutional Law of India – J.N. Pandey 1997 (31st Edition.) Central Law Agency,
2. Administrative Law U.P.D. Kesari 1998. Universal Book Trade, Delhi.
3. Environmental Law H.N. Tiwari, Allahabad Law Agency, 1997.
4. Environmental, A., Divan and Noble M. Environmental Law and Policy in India (cases, Materials and Statutes) 1991 Tripathi, Bombay.
5. Existing Environmental Policy, Forest Policy, Bare Acts – Government Gazette notification.
6. Environmental Laws of India-C.P.R. Environmental Education Centre
7. Environmental Policies and Programs in India , Saksena ,K.D.