

GUJARAT TECHNOLOGICAL UNIVERSITY

Syllabus for B.Arch

FORTH SEMESTER

SUBJECT NAME: Landscape Architecture

SUBJECT CODE: 1045006

Focus: Principles of landscape design, its techniques and application. Understanding ecology, ecosystem and environmental conservation.

Content:

- Ecology, Environment, Components, Ecosystem at various levels, conservation of natural resources, rainwater harvesting
- Elements of Landscape: Landforms, plant materials, water, rocks, lighting etc.
- Types of soils, plant materials, trees, shrubs, ground covers, creepers (flowering and non-flowering), rocks, stones and water bodies
- Surfacing Materials, landforms, manmade elements.
- Historical and contemporary attitudes to landscape in Indian and other context.

Principles of landscape design: surfacing, enclosure vistas, visual corridor, composition of plant and other material, etc.

- ☐ Preparing landscape design presentation drawing (using symbols etc.)

Reference Books:

1. Landscape architecture, J .O. Simonds, Landscape architecture
2. The landscape we see, Garrett Eckbo, Mcgrewhill

With people in mind: design and management of everyday nature, Kaplan, R., Kaplan, S., Ryan, R, Island Press Washington DC