

GUJARAT TECHNOLOGICAL UNIVERSITY
Planning and Design Lab-V (Area Planning Lab)
SUBJECT CODE: 1055507
B.PLAN 5th SEMESTER

Prerequisite: B.Plan 4th Semester

Teaching and Examination Scheme:

Teaching Scheme			Credits C	Examination Marks				Total Marks
L	T	P		Theory Marks		Practical Marks		
				ESE (E)	PA (M)	ESE (V)	PA(I)	
0	1	11	12	-	-	40	60	100

L- Lectures; T- Tutorial/Teacher Guided Student Activity/Field work; P- Practical; C- Credit; ESE- End Semester Examination; PA- Progressive Assessment.

Content:

Objectives:

- Various methods and mechanisms of area level planning in India
- Focus on methods prevailing in Gujarat - Town planning scheme
- Correlation between a development plan and town planning scheme
- Statutory process of town planning scheme – various sections, statutory time line, statutory requirements
- Derive a concept for preparation of a town planning scheme -
- Technical terminologies and planning mechanisms involved in preparation of a town planning scheme – Base map, OP Plan, FP Plan, different forms associated with it
- Financial and infrastructure associations of a town planning scheme – cost breakup of development, infrastructure plans – water supply, drainage etc.

Methodology

- Input sessions / case studies / literature reviews for various prevailing area level planning mechanisms prevailing in India
- Input sessions for understanding of a development plan and a town planning scheme
- Input presentations / case studies / literature reviews for statutory process of a town planning scheme
- Take up 2 study areas in Ahmedabad
- Existing situation analysis – traffic, building typology, regulations, land use zone, requirement for the area, problem identification
- Depending up on the problem identification – derive concepts for redevelopment of area with the help of a town planning scheme
- Each group making two proposals – one brown field and other green field
- Preparation of technical drawings – Base map, OP Plan, FP plans etc.

- Preparation of a report and other associated documents
- Final proposals

Content	Duration
•Input sessions / case studies / literature reviews for various prevailing area level planning	Week 1
•Input sessions for understanding of a development plan and a town planning scheme	Week 2
•Input presentations / case studies / literature reviews for statutory process of a town planning scheme	Week 3
•Existing situation analysis – traffic, building typology, regulations, land use zone, requirement for the area, problem identification	Week 4 &5
•Depending up on the problem identification – derive concepts for redevelopment of area with the help of a town planning scheme	Week 6 &7
•Midterm review	Week 8
•Each group making two proposals – one brown field and other green field •Preparation of technical drawings – Base map, OP Plan, FP plan etc.	Week 9, 10, 11, 12
•Pre final review	Week 13
•Preparation of a report and other associated documents	Week 14,15
Final review and final proposals	Week 16

Deliverables

The students will be expected to prepare drawings/map as required for the study and as guided by the faculty.

The final submission will be in the form of presentation sheets, PowerPoint presentation and report.

ACTIVE LEARNING ASSIGNMENTS: Preparation of power-point slides, which include videos, animations, pictures, graphics for better understanding theory and practical work. The power-point slides should be put up on the web-site of the College/ Institute, along with the names of the students of the group, the name of the faculty, Department and College on the first slide. The best three works should submit to GTU.