

GUJARAT TECHNOLOGICAL UNIVERSITY

BRANCH NAME: B. Arch.

SUBJECT NAME: Technical Representation of Drawing (TRD) – II

SUBJECT CODE: 2X25002

1st Year, Semester: II

Prerequisite:

Students should have studied TRD-I taught in semester-I

Rationale:

To develop an understanding of technical drawing as a tool for communication

Teaching and Assessment Scheme:

Teaching Scheme			Credits	Examination Marks				Total Marks	University Exam Type
Field work	Lectures	Studio		External exam		Internal exam			
			(ESE)Theory	(ESE) Viva	(PA)Theory	(PA)Viva			
1	1	4	06	40	NA	60	NA	100	DRAWING EXAM

Content:

Sr. No.	Content	Total Hours*	% Weightage*
1	Surface development	32	35%
2	Sections of solids (cube, cuboids' and cylinder)	32	35%
3	Perspective drawing: One –Point, Two-Point, Three-Point Rendering Techniques Sciography	32	30%

*: indicative

Reference Books:

- Engineering Drawing - N. D. Bhatt
- Essentials of Drafting - B. James
- Rendering with pen and ink - Gill Robert
- Architectural Graphics - Frank Ching, latest edition

List of Projects/Assignments*:

Drafting Exercises, Model making, Presentations

*- this is suggestive for common purpose.