

BOARD OF TECHNICAL EXAMINATION, GOA STATE  
DIPLOMA IN ARCHITECTURAL ASSISTANTSHIP

(4522) ARCHITECTURAL DRAWING III

Pre-requisite (2060), (2061), (2062).

Lectures per week (hrs): Nil

Practicals per week (hrs): 8

Course Credits

Semester	Theory	Test	Total	TW	PR	Gr Total
	-	-	-	50	50	100

Theory Marks: Nil

(One paper hrs)

Prog. Ass. Marks: 100(00+100)

Pract/Oral Exam Marks: 100

Total 200

**RATIONALE:** As the student of this course shall only be involved at the developing stage in design, the curriculum aims at training students at developing the given sketch plan/design as a three dimensional entity. The student is also expected to think about detailing & rendering aspects viz. - detailing of balconies, 'chajjas', roof overhangs, staircase, water tanks, etc.

Sr No.	Course Contents	Hrs	Mks
1	Study of Composition in existing buildings - study of details executed in buildings	24	20
2	Development and detailing of sketch design into drawing plan elevations, sections, isometric & other details of all kinds of buildings. (from sections to detail).	88	60
3	Rendering techniques in pen & ink.	16	20

**TERM WORK:**

- 2 sheets each on composition and detailing for Sr. No. 1
- One project on,
  - Developing a multiple cell structure.
  - Model should be made for the project.
- Rendering the project mentioned above.

**METHOD OF TEACHING:**

- The students should be exposed to existing buildings by site visits and measurement.
- The students should be exposed to drawings, photographs & slides of existing buildings & comparative study of elevations and form.
- Drawings of buildings will be supplied to the students in order to relate to the existing structure.

**REFERENCE BOOKS:**

- Form and Space in Architecture - D. K. Ching
- Fundamentals of Architecture - V.S. Pramar
- C.B.R.I. - Roorkee publications.