

**SUBJECT TITLE** : ARCHITECTURAL DRAWING-1  
**COURSE CODE** : 3031  
**COURSE CATEGORY** : B  
**PERIODS PER WEEK** : 5  
**TOTAL** : 90  
**CREDITS** : 3

**TIME SCHEDULE**

MODULE	TOPIC	PERIODS
I	Introduction	15
II	Orthographic drawings	20
III	Conventions	20
IV	Measured drawing and Documentation	35
	<b>TOTAL</b>	<b>90</b>

**OBJECTIVES**

**MODULE I**

Understanding the basics of Architectural drawing  
 The importance of two-dimensional drawings.  
 Use of drawing instruments.  
 Use of media.  
 Use of lines.  
 Use of scale in drawings.

**MODULE II**

Application of Orthographic Projection.  
 Preparation of Plan, Elevation and Section of small objects.

**MODULE III**

Understanding the conventions to be used in building drawings.

**MODULE IV**

Learning to prepare two-dimensional drawings of structures.

**CONTENTS OUTLINE**

**MODULE - I**

Introduction to the subject and its importance.  
 Introduction to the use of drawing instruments - T-Square, Set-square, French curve, protractor, flexible, curve, pencils, inking pens, etc.  
 Introduction to drawing media- different types of sheets, general sizes.  
 Types of lines - thin, thick, dotted their use in Architectural drawing.  
 Uses of scale in various drawings.

**MODULE – II**

Study of plan, elevation and section. Drawing of plan elevation and section of geometric shapes- joinery-furniture.

### **MODULE – III**

Conventions used for building drawings such as – Notations- Symbols- Hatch patterns for brickwork, stone work, glass, concrete, ground level, timber, marble, elevation of exposed brick wall, exposed stone walls, etc.

### **MODULE – IV**

Measure a room or a simple building – note the dimensions – draw plan, elevations and cross-sections to a suitable scale.

A group of five students should be assigned to document a simple structure- vernacular Architecture.

### **REFERENCE BOOK**

Time savers standards – for building types -By Joseph De Chiara & John Callender

National Building code of India - By Indian standards Institution, New Delhi.

Neufert Architects Data – The handbook of building types - Published by Collins. Professional and technical books William Collins Sons & Co. Ltd., London