

GUJARAT TECHNOLOGICAL UNIVERSITY
BRANCH NAME: B. Arch
SUBJECT NAME: Professional Practice and Valuation
SUBJECT CODE: 2X105002
5th Year: Semester-X

Teaching and Assessment Scheme:

Teaching Scheme			Credits	Examination Marks				Total Marks	University Exam Type
Field work	Lectures	Studio	C	Theory Marks		Practical Marks		100	Theory Exam
1	2	1	4	ESE (E)	PA (M)	ESE(V)	PA (I)		
				50	50	00	00		

Pre requisite: It is assumed that students have developed the understanding of building bye laws and its implementation in reference to building design.

Rationale: To acquaint the students with the role of an architect in society and to familiarize the students with elementary knowledge of various instruments of legislation to safeguard the professional interest of architects as also societal interest.

Content:

SR. No.	Content	Total Hours	Weight age
1	<p>Introduction:</p> <p>Professional Conduct, Conditions of Engagement:</p> <ul style="list-style-type: none"> • Introduction to the professional Organisations e.g. the Indian Institute of Architects, Study of the Architects' Act 1972, Council of Architecture and its role. • Conditions of engagement of an architect - Duties: Responsibilities and liabilities of an architect towards the profession and society Scale of Professional charges and mode of payment etc. • Code of professional conduct and ethics. 	08	15%
2	<p>Tenders and Contracts:</p> <ul style="list-style-type: none"> • Concept of Contract and essential elements of contract. • Tenders, their need and types. Preparation of tender documents and procedure for awarding tenders and award of projects. • Type of building contracts. Preparation of contract document - General conditions of contract, defect liability period, running & final payment, retention amount and virtual completion. • Setting up practice- Business organization, Types of offices proprietorship, partnership, Private Limited etc 	12	15%
3	<p>Valuation of Properties:</p> <p>Fundamental concepts of Valuation, classification and types of valuation, Elements and factors affecting valuation; Valuation of immovable properties.</p>	12	20%

4	<p>Arbitration:</p> <ul style="list-style-type: none"> • Concept and need of Arbitration. Law governing arbitration in India – Salient features of the Indian Arbitration Act 1940 and provisions in subsequent amendment. • Role of Arbitrator. Nature of arbitration. Appointment of arbitrator/s, Conduct, Powers, and duties of arbitrators and umpires, Procedure of arbitration and preparation of awards etc. 	12	20%
5	<p>Laws related to Environment and Land:</p> <ul style="list-style-type: none"> • Urban Planning and Development Act-1973- Concept of Urban Development Authority its power authority and Role in regulating the urban development, Salient features of the provisions of the act. • Concept of Easement and essential elements of valid easement, creation of easement – types of Easement. • A general understanding of purpose, provisions, and the impact of various components of the environmental law e.g. The National Green Tribunal Act-2010; The Air (Prevention and Control of Pollution) Act- 1981; The Water (Prevention and Control of Pollution) Act-1974; The Environment Protection Act, 1986; • Concept of real estate, Need of the RERA and its impact on real estate, RERA authority, registration under the Act, Role and responsibilities and liabilities of architects under the provisions of the RERA. • Case studies and Evaluation 	20	30%

*: indicative

References:

1. Dr. Roshan H. Namavati, Professional practice.
2. Council of Architecture, handbook of professional document.
3. The Indian Institute of architects, the handbook of Professional Practice.
4. Madhav Devshaktu, Professional Practice.
5. Hand book on professional practice by council of architecture, New Delhi
6. Hand book on professional practice by Indian Institute of Architecture
7. Professional practice with Elements of Estimating, Valuation contract.
8. Arbitration by Dr. Roshan H. Namavati.
9. Estimating and costing in Civil Engineering Theory and Practice by B.N. Datta

List of Projects/Assignments*:

Lectures/Tutorial work shall consist of presentations on various topics of the subject. AV projects may be introduced to students for documenting best practices and advances through case studies. A group discussion or forum may be organized for discussion on various aspects of the subject.

*- this is suggestive for common purpose. Faculty may decide on this, considering student group and institution philosophy.