

GUJARAT TECHNOLOGICAL UNIVERSITY

BRANCH NAME: B. Arch

SUBJECT NAME: History of Architecture - I

SUBJECT CODE: 2X25005

1st Year, Semester: II

Prerequisite:

It is assumed that students have studied Humanities subject taught in semester 1 and it is also assumed that, students are conceptually clear about how socio-cultural values affect art and architecture of the place.

Rationale:

This course is aimed to teach Prehistoric settlements and Ancient civilizations, their cultural aspects and architecture.

Teaching and Assessment Scheme:

Teaching Scheme			Credits C	Examination Marks				Total Marks	University Exam Type
Field work	Lectures	Studio		External exam		Internal exam			
				(ESE)Theory	(ESE) Viva	(PA)Theory	(PA)Viva		
NA	2	1	03	50	NA	50	NA	100	THEORY EXAM- 2Hrs.

Content:

Sr. No.	Content	Total Hours*	% Weightage
1	Pre-Historic Settlements and Civilizations (Indus valley, Egyptian, Mesopotamian, Mayan) Their socio-economic scenario, Architectural advancements (including influence of local geographical and climatic conditions	24	50%
2	Ancient world civilizations (Chinese, Greek, Romans, Persians) Cultural influence over life style and Architecture Influence of Local Climate and geographical conditions on Materials and Architectural designs	24	50%

*: indicative

Suggested Specification table with Marks (Theory):

Distribution of Theory Marks					
R Level	U Level	A Level	N Level	E Level	C Level
25	25	15	15	10	10

Legends: R: Remembrance; U: Understanding; A: Application; N: Analyze; E: Evaluate; C: create and above levels (Revised Bloom's Taxonomy)

Note: This specification table shall be treated as a general guideline for students and teachers. The actual distribution of marks in the question paper may vary slightly from above table.

Reference Books:

- History of Architecture, Sir Banister Fletcher, Architectural Press
- A History of Architecture: Settings and Rituals, Spiro Kostof
- Encyclopedia of Architecture, Joseph Gwilt
- A Global History of Architecture by Francis D.K. Ching, Vikramaditya Prakash, Mark Jarzombek

Course Outcome:

Sr. No.	CO Statement	Marks % Weightage
Upon completion of this course, the students should be able to:		
1	Analyze various factors affecting development of art, aesthetic and architecture with respect to timeline, geographical / climatic conditions, economic and political conditions, social and religious customs, construction and technology, building material and structure.	20%
2	Select from various prehistoric settlements and ancient civilizations, appropriateness of material and their construction and understand the relevance of parallel methods.	10%
3	Evaluate the character of noteworthy building elements developed during these periods in terms of scale, proportion, geometry, constructability etc by drawing exercises and model making exercises	30%
4	Identify key features of various architecture styles taught in this course.	30%
5	Propose appropriate application of building elements, design principles, material – construction innovations, structural principles, taught in this course, in today's context.	10%

List of Projects/Assignments*:

Lectures/Tutorial work shall consist of presentations on various topics listed above and its influential factors, discussion of various factors affecting. Various drawing and model-making exercises must be introduced for noteworthy examples from the course content. Regular written and drawing assignments, AV presentation projects should be introduced for better comprehension by students.

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