

GUJARAT TECHNOLOGICAL UNIVERSITY

BRANCH NAME: B. Arch
SUBJECT NAME: History of Architecture - IV
SUBJECT CODE: 2X55003
3rd Year, Semester: V

Prerequisite:

It is assumed that students have studied Prehistoric settlements and Ancient world civilizations i.e. Greek, Roman, Persian – their timeline (till 350 AD), cultural aspects and architecture covered in History of Architecture – I. It is also assumed that, students are conceptually clear about how socio-cultural aspects – particularly religious beliefs/rituals along with climate, building materials and geographical aspects determine architectural style as covered in History of Architecture – II & III.

Rationale:

This course is divided into two units. In first unit, course explores chronological study of the Architecture developments evolved in Europe and its geographical influences through the ages from 330 AD to 1750 AD. In second unit, course examines in detail the architectural developments in India during colonial period.

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			
NA	2	1	03	50	NA	50	NA	100	THEORY EXAM- 2Hrs.

Content:

Sr. No.	Content	Total Hours*	% Weightage
1	Development of Western Art and Architecture : Early Christian, Byzantine, Romanesque, Gothic Suitable examples of these styles to be discussed in context of their period, geographical / climatic conditions, economic and political conditions, social and religious customs, construction and technology, building material and structure. Suggested examples: St. Clemente(Rome), St. Peters Old (Rome), Santa Constanza, Santa Maria Maggiore, Galla Placidia (Ravenna), San Vitale(Ravenna), Hagia Sophia, Church of Holy Apostles (Athens), San Antonino (Italy), Abbaye-aux-Hommes (France), Pisa Cathedral, Speyer Cathedral (Germany), Notre Dame Cathedral(Paris), Milan Cathedral (Italy), Westminster Abbey (London), St. Stephen's Cathedral (Vienna) etc.	18	70%
2	Developments in Europe after medieval period: Renaissance, Baroque, Rococo. Their influences worldwide. Suitable examples of these styles to be discussed in context of their period, geographical / climatic conditions, economic and political conditions, social and religious customs,	18	

	construction and technology, building material and structure. Suggested examples: St. Peter's Basilica, San Lorenzo Basilica (Florence), Basilica of Santa Maria Novella (Florence), Medici Palace (Florence), Palazzo Farnese (Rome), Santa Andrea Basilica (Mantua), Tempietto, Sistine Chapel, Villa Rotunda, St. Paul's (London), The Château de Fontainebleau (France), Church of the Gesu, San Lorenzo (Turin), Versailles Palace (France), Czapski Palace, Warsaw etc.		
3	Colonial architecture in India: Influences from abroad Architectural developments during main European colonial powers like British, French, Dutch, and Portuguese in context of their period, geographical / climatic conditions, economic and political conditions, social and religious customs, construction and technology, building material and structure. Features of Indo-Saracenic architecture with suitable examples. Suggested examples: Victoria Memorial, Madras high court, Calcutta high court, National library of India, Viceroy lodge (Shimla), Basilica of Bom Jesus, St. Catherine's Cathedral, Dutch cemetery (Ahmedabad), French colonial architecture of Villa Blanche, Pondicherry etc.	12	30%

*: indicative

Suggested Specification table with Marks (Theory):

Distribution of Theory Marks					
R Level	U Level	A Level	N Level	E Level	C Level
10	25	15	25	15	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
- Splendours of Imperial India: British Architecture in the 18th and 19th centuries, Andreas Volwahren, Prestel Publishing
- History of Modern Art: Painting, Sculpture and Architecture, H. H. Arnason and Elizabeth C. Mansfield
- Encyclopedia of Architecture, Joseph Gwilt
- A History of Architecture: Settings and Rituals by Spiro Kostof
- Architecture: "Gothic and Renaissance" by Thomas Roger Smith
- The Architecture of the Italian Renaissance By Peter Murray
- A Global History of Architecture by Francis D.K. Ching, Vikramaditya Prakash, Mark Jarzombek
- Early Christian and Byzantine Architecture (The Yale University Press Pelican History of Art) by Richard Krautheimer
- Brunelleschi's Dome: How a Renaissance Genius Reinvented Architecture By Ross King
- World Architecture: The Masterworks By Will Pryce
- Andrea Palladio : The Four Books on Architecture

- World Architecture: The Masterworks By Will Pryce
- The Story of Western Architecture by Bill Risebero

Course Outcome:

Sr. No.	CO Statement	Marks % Weightage
Upon completion of this course, the students should be able to:		
1	Analyze various architecture styles 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 architecture styles, appropriateness of material, and construction as per geographical aspects by analytical approach and understand the relevance of parallel methods.	10%
3	Evaluate the character of noteworthy architecture examples in terms of scale, proportion, hierarchy of spaces, circulation, geometry, building language 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 architecture styles listed above and its influential factors, discussion of various factors affecting the architecture language of these styles. 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.