



Lok Jagruti Kendra University
University with a Difference

Diploma in Architectural Assistantship



Course Code:025080203

History of Architecture 1

Programme / Branch Name		Diploma in Architectural Assistantship				
Course Name	History of Architecture 1			Course Code	025080203	
Course Type	HSSC	BSC	ESC	PCC	OEC	PEC

Legends: HSSC: Humanities and Social Sciences Courses
 ESC: Engineering Science Courses
 OEC: Open Elective Courses

BSC: Basic Science Courses
 PCC: Program Core Courses
 PEC: Program Elective Courses

1. Teaching and Evaluation Scheme

Teaching Hours / Week / Credits				Evaluation Scheme			
L	T	P	Total Credit	CCE	SEE (Th)	SEE (Pr)	TOTAL
3	0	0	3	50	50	-	100

Legends:

L: Lectures T: Tutorial P: Practical
 CCE: Continuous & Comprehensive Evaluation
 SEE (Th): Semester End Evaluation (Theory)
 SEE (Pr): Semester End Evaluation (Practical)

2. Prerequisites

- ✓ Sketching

3. Rationale

This subject is essential for students to appreciate and acquire knowledge regarding various architectural styles of ancient India and their historic evolution with respect to factors influencing them e.g. climate, geographical location, culture, construction technology, etc. This course plays a significant role of inspiring students to learn about and appreciate a well-designed architectural structure and also understand that such a building gets admired by all for centuries.

4. Objectives

- ✓ Identify various periods of Indian architectural history and factors affecting them.
- ✓ To explain various characteristics of architectural analogy in Indian architecture.
- ✓ Provides knowledge about the chronological development of architecture throughout the world.
- ✓ Imparts knowledge about various construction typologies and material development throughout the history.



5. Contents

Unit No.	Unit Name	Topics	Learning Outcomes	% Weightage	Hours
1.	Pre-Historic Period & Ancient Egyptian Period of Architecture	1.1. Neolithic Architecture 1.2. Ancient Mesopotamian Architecture 1.3. Architectural Character of Egyptian Period 1.4. Egyptian Tomb Architecture 1.4.1. Mastabas 1.4.2. Stepped Pyramid of Giza 1.4.3. Great Pyramid of Cheops at Giza 1.5. Egyptian Temple Architecture 1.5.1. Temple at Karnak 1.6. Great Sphinx of Chephren in Egypt	<ul style="list-style-type: none"> • Difference Between History & History of Architecture • Importance of History of Architecture • Factors Affecting Architectural History • Important Characters of Egyptian Architecture • Materials and Construction Systems Used for Tomb Architecture • Construction And Planning of Egyptian Temple Architecture 	21	11
2.	City Planning Concept & Classical Historical Period	2.1. Indus Valley Civilization 2.1.1. Planning 2.1.2. Construction Systems & Materials 2.2. Vedic Village 2.2.1. Planning 2.2.2. Characteristics, Forms & Construction of Hut 2.2.3. Railing & Gate 2.3. Introduction to Greek Period 2.4. Classical Orders of Greek Period 2.4.1. Doric 2.4.2. Ionic 2.4.3. Corinthian 2.5. Optical Corrections of Greek 2.6. Acropolis at Athens 2.7. Introduction & Architecture of Roman Period 2.8. Temples & Amphitheaters of Roman Period 2.8.1. Pantheon 2.8.2. Colosseum	<ul style="list-style-type: none"> • City Planning Concept of Ancient Cities • Planning, Construction Systems and Materials Used During Indus Valley Civilization • Planning, Construction Systems and Materials Used During Vedic Village • Various Elements of Greek Architecture • Features of Classical Orders • Planning of Acropolis • Various Elements of Roman Architecture • Roman City Planning • Roman Amphitheaters and Temples 	26	13



3.	Ancient Indian Period of Architecture	3.1. Background of Buddhist Architecture 3.1.1. Buddhist Stambhas 3.1.2. Buddhist Stupas 3.1.3. Buddhist Chaityas 3.1.4. Buddhist Viharas 3.2. Rock-cut Architecture 3.2.1. Kailash Temple at Ellora 3.3. Temple Architecture 3.3.1. Parts of Typical Temple 3.3.2. Lingraj Temple 3.3.3. Sun Temple 3.4. Islamic Architecture 3.4.1. Parts of Typical Mosque 3.4.2. Comparison of Mosque and Temple 3.4.3. Jama Masjid 3.4.4. Taj Mahal 3.4.5. Qutub Minar 3.4.6. Fatehpur Sikri	• Elements of Buddhist Architecture • Buddhist Building Typologies in Detail • Features of Rock-Cut Architecture in India With Examples • Planning of Typical Temple of India • Knowledge About Different Famous and Historically Significant Temples of India • Features of Indian Islamic Architecture • Typical Mosque Construction • Tomb Construction Study of Famous Buildings in India, Significant for Islamic Characteristics	24	10
4.	Byzantine & Romanesque Period of Architecture	4.1. Byzantine Architectural Character 4.1.1. Features of Hagia Sophia 4.2. Romanesque Architectural Character 4.3. Features of Pisa Cathedral	• Various Elements of Byzantine Period of Architecture Along With its Examples • Architectural Character of Romanesque Period	17	05
5.	Gothic & Renaissance Period of Architecture	5.1. Gothic Architectural Character 5.1.1. Features of Notre Dame, Paris 5.2. Renaissance Architectural Character 5.2.1. Features of St. Peter's Rome	• Gothic Architectural Character • Knowledge About Renaissance Period of Architecture • Construction Techniques and Materials Used During Renaissance Period	12	05
				Total Hours	42



6. List of Practicals / Exercises

The practicals/exercises have been properly designed and implemented in an attempt to develop different types of skills, so that students can acquire the competencies/programme outcomes. Following is the list of practicals/exercises.

Sr. No.	Practicals / Exercises	Key Competency
1.	Sketching of various historical monuments.	Knowledge for visualization of spaces, materials & design elements
2.	Live sketching of historical monuments.	Visualization of spaces and sketching practice
3.	Visit to various historical monuments.	Knowledge about architectural designs, elements, materials, etc.
4.	Presentation on various topics related to history of architecture.	Awareness about various eras of architectural history
5.	Project based designing using various historical architectural elements, design and materials.	Practical application of the subject.

7. Suggested Specification Table for Evaluation Scheme

Unit No.	Unit Name	Distribution of Topics According to Bloom's Taxonomy					
		R %	U %	App %	C %	E %	An %
1.	Pre-Historic Period & Ancient Egyptian Period of Architecture	30	30	40	-	-	-
2.	City Planning Concept & Classical Historical Period	20	30	40	10	-	-
3.	Ancient Indian Period of Architecture	40	30	25	05	-	-
4.	Byzantine and Romanesque Period of Architecture	35	40	20	05	-	-
5.	Gothic and Renaissance Period of Architecture	40	30	25	05	-	-

Legends: R: Remembering U: Understanding

App: Applying C: Creating

E: Evaluating An: Analyzing

8. Reference Books

- 1) Indian Architecture - Hindu & Buddhist by Percy Brown, Taraporewala Publications
- 2) Indian Architecture – Islamic by Satish Grover, Vikas Publishing House
- 3) Meaning in Western Architecture by Christian Norberg Schulz, Rizzoli
- 4) History of Architecture by Sir Banister Fletcher, CBS Publications, Delhi

9. Open Sources (Website, Video, Movie)

- 1) <http://www.greatbuildings.com>.
- 2) https://www.youtube.com/playlist?list=PLcWeCCSvXbNnFIHv_-QR_GlMQA6V9GBsG

