



GUJARAT TECHNOLOGICAL UNIVERSITY

Program Name: Diploma in Architecture

Level: Diploma

Branch: Architecture

Course / Subject Code : DA03063031

Course / Subject Name : History of Architecture - I

w. e. f. Academic Year:	2026-27
Semester:	Third
Category of the Course:	Professional Core Courses (PC)

Prerequisite:	To take this course, you need a basic understanding of history, usually from finishing school up to the 10th grade (SSC). You should be familiar with ancient civilizations and the major dynasties that ruled India. It is also important to understand how society, culture, and politics changed over time. These historical shifts are what influenced the specific styles and designs used in Indian architecture.
Rationale:	This course is essential for learners 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 in inspiring learners to learn about and appreciate a well-designed architectural structure and understand that such a building gets admired and appreciated for centuries. Study and understanding of various building elements, proportions, scale and other design parameters found in historical Structures helps a learner to apply this knowledge for his/her own architectural creations.

Course Outcome:

After Completion of the Course, Student will able to:

No	Course Outcomes
01	Classify historical buildings with respect to various periods of Indian architecture.
02	Elaborate the various factors affecting various periods of Indian architecture.
03	Illustrate the various elements of Indian architecture.
04	Describe the characteristics of various examples of Indian architecture.

Teaching and Examination Scheme:

Teaching Scheme (in Hours)			Total Credits L+T+ P	Assessment Pattern and Marks				Total Marks
L	T	P	C	Theory		Tutorial / Practical		
				ESE (E)	PA / CA (M)	PA/CA (I)	ESE (V)	
3	0	0	3	70	30	20	00	120



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Course Content:

Unit No.	Content	No. of Hours	% of Weightage
1.	Introduction 1.1. History & History of Architecture 1.2. Importance of History of Architecture 1.3. Periods of Indian History of Architecture 1.4. Factors influencing architecture 1.4.1. Climate 1.4.2. Topography 1.4.3. Material 1.4.4. Technology 1.4.5. Socio-cultural forces	3	10
2.	Ancient Indian Architecture 2.1 Indus Valley Civilization 2.1.1 Planning and construction systems and materials 2.1.2 Harappa & Mohen-jo Daro 2.1.3 Dholavira & Lothal 2.2 Vedic Village 2.2.1 Planning and construction systems and materials 2.2.2 Elements: Huts, Railing & Gate	6	14
3.	Buddhist Architecture 3.1 Introduction to types of Buddhist Architecture (Stambha, stupa, chaitya, and Vihara) 3.2 Stambha: Its character study of Ashoka Pillar 3.3 Stupa : Architectural Character of Sanchi Stupa	6	14
4.	Rock Cut Architecture 4.1 Introduction to Rock Cut Architecture 4.2 Chaitya: Architectural Character of Karle Chaitya Hall 4.3 Vihara at Ajanta Caves 4.4 Badami Caves 4.5 Kailash Temple at Ellora 4.6 Rathas of Mahabalipuram	6	14
5.	Temple Architecture in India 5.1 Introduction to Temple Architecture in India 5.2 Typical temple: Architectural characteristics and planning 5.3 Architectural characteristics and planning of following temples 5.3.1 Aihole- Ladhkan temple & Durga Temple 5.3.2 Lingaraja temple at Bhuvanewer	12	24



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	5.3.3 Sun Temples of Konark & Modhera 5.3.4 Kandaria Mahadev Temple		
6.	Islamic Architecture in India 6.1 Introduction to Islamic architecture in India 6.2 Typical Mosque: Architectural characteristics and planning 6.2.1 Mosques: Jama Masjid Ahmedabad & Delhi 6.3 Tombs: TajMahal, GolGumbaz 6.4 Qutub Minar 6.5 FatehpurSikri: Planning of Fatehpur Sikri, Salim Chistie's Tomb, Buland Darwaja, Diwan-e-Aam, Diwan-e-Khas, Jodhabai's Palace, Panchmahal, Lotus Throne and Birbal Bhavan	12	24
	Total	45	100

Suggested Specification Table with Marks (Theory):

Unit No.	Unit Title	Distribution of Theory Marks						Total
		R Level	U Level	A Level	N Level	E Level	C Level	
I	Introduction	2	2	0	0	0	0	4
II	Ancient Indian Architecture	2	2	6	0	0	0	10
III	Buddhist Architecture	2	2	6	0	0	0	10
IV	Rock Cut Architecture	2	2	6	0	0	0	10
V	Temple Architecture in India	4	4	10	0	0	0	18
VI	Islamic Architecture in India	4	4	10	0	0	0	18
	Total	16	16	38	0	0	0	70
	%	23	23	54	0	0	0	100

Where R: Remember; U: Understanding; A: Application, N: Analyze and E: Evaluate C: Create (as per Revised Bloom's Taxonomy)

References/Suggested Learning Resources:

(a) Books:

1. Indian Architecture, Hindu & Buddhist by Percy Brown, Taraporewala Publications ISBN: 9781446510216, 1446510212
2. Indian Architecture – Islamic by Percy Brown Taraporewala Publications ISBN-10 : 1446509362 ISBN-13 : 978-1446509364
3. Indian Architecture - Islamic by Grover Satish Vikas Publishing House ISBN-10 : 070691130X ISBN-13 : 978-0706911305



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4. The History of Architecture in India by Tadgell Christopher Phaidon,1994 ISBN: 07 14829609 ISBN 13 9780714829609
5. Islam Art and Architecture by Hattstein Markus & Delius Peter Konemann ISB N 10-978-3829025584 13-978-3829025584
6. A Global History of Architecture by Francis D. K. Ching ISBN-13: 978-1118981337

(b) Open source software and website:

1. https://onlinecourses.nptel.ac.in/noc21_ar04/preview
2. <https://www.india.gov.in/official-website-archaeologicalsurvey-india>
3. <https://whc.unesco.org/en/list/242/>
4. www.greatbuildings.com

Suggested Course Practical List: NA

List of Laboratory/Learning Resources Required: NA

Suggested Project List for Internal (PA/CA (I)):

1. The learner will select one major historical monument or complex from the course curriculum (e.g., Sanchi Stupa, Khajuraho Temple Complex, Taj Mahal) and prepare integrated deliverables: a visual poster or a detailed report.
2. The learner will prepare a comprehensive set of questions and answers designed to review and reinforce the core concepts learned throughout the course.

Suggested Activities for Students:

- a) Proposed students' activities: topic-based seminars, internet-based assignments, teacher guided self-learning activities, sketching/making models of historical monuments, etc. These could be either individual or group based.
- b) Prepare a report on Group case study of a Historical Monument with photographs.
- c) Design and create a simple physical or digital model of one major **architectural element or structure** (like a temple tower, gate, or dome system) from your course. Submit the model with a short note explaining its purpose and structural method.

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