



School of Planning and Architecture: Vijayawada

(An Institute of National Importance under the Ministry of Education, Govt. of India)
S.No. 4/4, ITI Road, Vijayawada – 520008, Andhra Pradesh, India

Course: **ARC125 History of Architecture - II**
Credits: **3 (2L+1T)**
Internal Assessment Marks: **50**
Attendance: **75%**

Class: **II Sem. B.Arch, 2023-24 A.Y.**, Instructors: **SVK Kumar & Sanjay B**
Contact Hr./week: **03 (@55 min)** Timetable: **Tue., 9:00–11:45 AM**
External Theory Exam: **50** Total Marks: **100**
Min. Marks: **40% each in Internal & External Assessment**

SUBJECT OBJECTIVE

To provide an insight into the architecture of prehistoric period and early Civilizations. Understanding Social, religious and political character, construction methods, building materials and how they influenced the built form and settlement pattern shall be explained with suitable examples. Combined influence of geology, geography, climate, beliefs, religion and culture on the architecture must be highlighted so as to appreciate how architecture embedded in place specific context. The study must enable students to do a comparative evaluation of various civilizations, appreciate chronological developments along the timeline and across geographies.

SUBJECT OUTLINE

Unit I Prehistoric / Primitive Architecture

Primitive people, shelters, settlements, burial systems, megaliths and memorials. Eg: Oval huts near Nice, Dolmen tomb, Gallery grave, Passage grave, Cairns, Tumulus, Houses at Catal Huyuk, Stonehenge etc.

Unit II Nile Valley Civilisation

Study of socio-cultural, religious and political systems, people's beliefs, climate and other factors influencing Architecture, character of human settlements, typology of Shelters and buildings, Religious burial systems and Cult temples of Egypt, construction methods and materials used.

Unit III Indus Valley Civilisation

Contributions of Archaeologists, Timeline, socio-cultural, religious and political systems, settlement planning pattern, typology of Shelters and civic buildings, Citadel-Granary-Great baths, civic utility systems.

Unit IV Aryan / Vedic Civilisation

Timeline with reference to Indus Valley Civilisation, settlement planning pattern and Town forms by planning pattern (Dandaka, Nandyavartha etc.), typical Vedic village, shelter types by shape and material used, Torana and Sacred railings.

Unit-V: Euphrates and Tigris Valley Civilisations

Architectural character as a reflection of climate and geology, planning of Palaces of Assyria and Persia, Ziggurats and corbelled drains of Assyria, Staircases of Persepolis, physical planning of Babylonia, Ur-Sumar. Chinese Civilisation: Architectural character, building typologies, settlement pattern, Settlement layout and planning principles adopted

LEARNING OUTCOMES

Students finishing this course will be able to:

1. Understand the spatial and stylistic qualities associated with architecture.
2. Recognize architecture as an outcome of various social, political and economic upheavals, and as a response to the cultural context.

S.No.	Date & Week No.	TOPIC OF CLASS LECTURE & DISCUSSION	CLASS ACTIVITY & ASSIGNMENTS ^{ss}
1	09.01.2024 Week 1	<ul style="list-style-type: none"> ➤ Introduction to the subject curriculum ➤ Factors influencing Architecture, relation between human existence and human habitat 	
2	16.01.2024 Week 2	Unit I: Prehistoric / Primitive Architecture <ul style="list-style-type: none"> ➤ Evolution of built forms, essence of transformation, materials and methods of construction 	(Int. Assmt. – I: Sketching from Unit I, II)
3	23.01.2024 Week 3	.. Unit I: Prehistoric / Primitive Architecture <ul style="list-style-type: none"> ➤ Building typologies (Dwellings, Burials and Stone Henge monuments/ worshipping places) 	
4	30.01.2024 Week 4	Unit II: Nile Valley Civilisation <ul style="list-style-type: none"> ➤ Influence of Climate, Geology, Geography, People's beliefs, etc. on Egyptian architecture; architectural character 	
5	06.02.2024 Week 5	.. Unit II: Nile Valley Civilisation <ul style="list-style-type: none"> ➤ Religious burial systems – Mastabas, Pyramids 	
6	13.02.2024 Week 6	Field Work / Case Study visits (10-18 Feb. 2024)	

S.No.	Date & Week No.	TOPIC OF CLASS LECTURE & DISCUSSION	CLASS ACTIVITY & ASSIGNMENTS \$\$
7	20.02.2024 Week 7	... Unit II: Nile Valley Civilisation ➤ Worshipping places – Funerary temples, Cult temples; examples	
8	27.02.2024 Week 8	Mid Semester Assessment (26 Feb. – 01 Mar. 2024)	Int. Assessment – II
9	05.03.2024 Week 9	Unit III: Indus Valley Civilisation ➤ The context of civilization, architectural character, people and places	(Int. Assmt. – III: Sketching from Unit III, IV & V)
10	12.03.2024 Week 10	.. Unit III: Indus Valley Civilisation ➤ The (tale of) two cities - lower and upper, socio economic influences ➤ City citadel (community Granary, the Great Bath..) ➤ Lay out character, Dwelling units, civic services / infrastructure	Submission of Int. Assmt. – I
11	19.03.2024 Week 11	Unit IV: Aryan / Vedic Civilisation ➤ The context of civilization, key features, architectural character	
12	26.03.2024 Week 12	.. Unit IV: Aryan / Vedic Civilisation ➤ Lay out character, Dwelling units, Torana, Vedika ➤ Types of vedic towns (Dandaka, Nandyavarta, Prastara..)	
13	02.04.2024 Week 13	Unit-V: Euphrates and Tigris Valley Civilisations (Assyria and Persia) ➤ Assyrian architecture ➤ Architectural character, special approach to ornamentation (PCB) ➤ Examples – Palace of Sargon at Khorsabad, Buildings of Nineveh, corbelled drains, the White temples (Ziggurats)	Submission of Int. Assmt. – III:
14	09.04.2024 Week 14	Holiday (Ugadi)	
15	16.04.2024 Week 15	.. Unit-V: Euphrates and Tigris Valley Civilisations (Assyria and Persia) ➤ Persian architecture ➤ Architectural character, Climatic influences on Palace' lay outs ➤ Examples – Palace of Persepolis, processional stairways,	19.04.2024 is the last working day

Tentative break-up of Internal Assessment Marks:

S.No.	Categories of Evaluation	Marks
1	Assessment-I = Sketching* Assignment 1	15
2	Assessment-II = Mid Sem Test	20
3	Assessment-III = Sketching Assignment 2	15
	Total	50

* Sketching assignment content, timeline etc. are tentative and details will be announced in the class from time to time.

\$\$ Date of Study Tour, Mid Sem Test, End exams, etc. will be as per the Academic Calendar (<https://spav.ac.in/2023/academiccalander/Academic%20Calender%20AY23-24%20Even%20Sem.pdf>)

References:

1. Brown, P. (2010). Indian Architecture: Buddhist and Hindu period. Mumbai: D.B. Taraporevala Sons and Co.
2. Bubbar, D. K. (2005). The Spirit of Indian Architecture. New Delhi: Rupa & Co.
3. Copplestone, T. and Lloyd, S. (1971). World Architecture: An Illustrated History. London: Verona Printed.
4. Crouch, P. D. (1985). History of Architecture: Stonehenge to Skyscrapers. London: McGraw- Hill.
5. Dutt, B. B. (2009). Town Planning in Ancient India. Delhi: Isha Books.
6. Kimball, F. and Edgell, G. H. (2012). A History of Architecture. Amazon: Ulan Press.
7. Faulkner, H. T. (1953). Architecture through the Ages. New York: Putnam Adult.
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9. Grover, S. (2003). Buddhist and Hindu Architecture in India. 2nd Ed. New Delhi: CBS publishers.
10. Harris, M. C. (1977). Illustrated Dictionary of Historic Architecture. New York: M. Courier Dover Publications.
11. Ingersoll, R. And Kostof, S. (2013). World architecture: a cross-cultural history. Oxford: Oxford University Press.
12. Pramar, V. S. (2005). A social history of Indian architecture. New Delhi: Oxford University Press India.
13. Roth, M. L. (2006). Understanding Architecture: Its Elements, History, and Meaning. Columbia: West-view Press.
14. SenGupta, B. K. (2006). Reading material on History of Human Settlements. New Delhi: ITPI.
15. Singh, U. (2009). A history of ancient and early medieval India: from the Stone age to the 12th century. Delhi: Pearson India.
16. Watkin, D. (2005). A History of Western Architecture. 4th Ed. London: Laurence King Publishing.

Course Instructor

Head of the Department