

Sl. No.	Sub. Code	Theory	Contact Hours			Credit
			L	T	P/S	
3.	22AR233	History of Architecture – I	3	0	0	3

Pre-Historic and Late Ancient (5000 BC – 1st Century AD)

Course Objective To provide an insight into the architecture of prehistoric period and late ancient civilizations, and the architecture of Classical antiquity of late ancient period. Social, religious and political character, construction methods, building materials and how they influenced their 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 is embedded in a specific context.

Anticipated Learning Outcomes: Understanding of the socio-cultural and religious characteristics of civilizations to appreciate their architectural developments across a timeline; Ability to do a comparative evaluation of various civilizations, appreciate chronological developments along the timeline and across geographies.

Module 1 PREHISTORIC ARCHITECTURE AND SETTLEMENT: Introduction to human settlement: People, their shelter, settlement (*growth, factors influencing the development of a settlement*), burial systems, megaliths, memorials. (*Structures: Different types of graves, Stonehenge; and Settlements – World: Catal Hoyuk, Jericho; India: Mehrgarh etc.*)

INDUS VALLEY CIVILIZATION (IVC): Indus - People, their shelter and civic buildings (*typology, planning, construction and aesthetics*), settlement pattern and citadel (*Structures: Great Bath/Great Granary, simple Harappan house; and Settlements – Mohen-jodaro/ Harappa*)

VEDIC: People, their shelter and buildings (*typology, planning, construction and aesthetics*), settlement (*typical village, planning, shelter types, materials*) (*Structures – Vedic houses, Torana, railing around villages; and Settlements – Patliputra*)

- Module 2** NILE VALLEY CIVILIZATION: People, their shelter and buildings, settlement (*growth, factors influencing the development of architecture and character, settlements of NVC*) and religious (*cult temples*) and burial structures (*typology, planning, construction and aesthetics*) (*Structures: Mastabas, Pyramids: stepped, bent and Great Pyramids of Cheops; Temple of Abu-Simbel/Amun-Ra*)
- MESOPOTAMIAN (EUPHRATES and TIGRIS) CIVILIZATION: Sumerian, Babylonian and Persian people, their shelter and buildings, settlement (*growth, factors influencing the development of architecture and character, settlements*) and religious structures. (*Structures – Ziggurats, Persepolis; and Settlements – Planning of Ur and Babylon*)
- Module 3** CLASSICAL ARCHITECTURE OF ANCIENT GREECE (AEGEAN CULTURE): Evolution of city states, Hellenic and Hellenistic period, factors influencing Greek Architecture, orders in Greek Architecture, proportion, optical correction. (*Structures – Parthenon, Theatre, Agora, Stoas, and Settlements – Athens and Acropolis of Athens and Delphi*)
- Module 4** ROMAN ARCHITECTURE (ETRUSCAN CULTURE): Evolution of Republican States, Roman construction techniques (*masonry, vaults, domes, orders, use of concrete*), building typology (*Structures – Forum, Pantheon, Thermae, Basilica, Circus, Colosseum, etc.*)
- Module 5** Assignments on innovative interpretation of the periodic architectural styles. (*To be decided by the subject teacher*)

Note: Most Architectural subjects do not have Textbooks. The Reference books mentioned below are for reference only and University question paper should be prepared from the Syllabus descriptions.

References

1. Fletcher, B. (1996). *A History of Architecture on the Comparative Method*. 20th Ed. London: B. T. Batsford Ltd.
2. Copplestone, T. and Lloyd, S. (1971). *World Architecture: An Illustrated History*. London: Verona Printed.
3. Brown, P. (2010). *Indian Architecture: Buddhist and Hindu period*. Mumbai: D.B. Taraporevala Sons and Co.
4. Dutt, B. B. (2009). *Town Planning in Ancient India*. Delhi: Isha Books.

5. Grover, S. (2003). *Buddhist and Hindu Architecture in India*. 2nd Ed. New Delhi: CBS Publishers.
6. Ingersoll, R. And Kostof, S. (2013). *World architecture: a cross-cultural history*. Oxford: Oxford University Press.
7. Singh, U. (2009). *A history of ancient and early medieval India: from the Stone age to the 12th century*. Delhi: Pearson India.
8. Hiraskar, G.K., *Great Ages of World Architecture*, Dhanpat Rai and Sons, Delhi.