

<b>GANPAT UNIVERSITY</b>									
<b>FACULTY OF ARCHITECTURE DEISGN &amp; PLANNING</b>									
Programme		Bachelor of Architecture				Branch/Spec.		INSTITUTE OF ARCHITECTURE	
Semester		III				Version		2.0.0.0	
Effective from Academic Year			2020-21			Effective for the batch Admitted in			June 2019
Subject code		2IIIA03HOA		Subject Name		History of Architecture-II			
Teaching scheme					Examination scheme (Marks)				
(Per week)	Lecture(DT)		Practical(Lab.)		Total		CE	SEE	Total
	L	TU	P	TW					
Credit	2	-	-	-	2	Theory	40	60	100
Hours	2	-	-	-	2	Practical	-	-	-
<b>Objective:</b>									
<ul style="list-style-type: none"> <li>• To Learn the evolution of world architecture took place at different region in different era of time line in a chronological order</li> <li>• To study and understand cultural, social, geographical aspects which influenced and played vital role for Egypt, Greek, Roman, Gothic architectural evolution</li> <li>• To Study various architectural elements, building techniques of specific architectural style.</li> <li>• Overview how a town planning was carried out within geographical limits and requirements of those regions and community</li> </ul>									
<b>Learning Outcome:</b>									
<p><b>LO1:</b>To understand architecture as evolving within specific cultural contexts including aspects of politics, society, religion and climate.</p> <p><b>LO2:</b> Understanding of derivation of specific architectural elements construction techniques for local</p>									

materials availability which became prominent architecture feature of those architectural style.  
**LO3:** Refinement of construction techniques with scientific approach over a period of dynasties and centuries

**CONTENT & TEACHING UNITS**

Unit	Content	HRS
A	<p><b>Egyptian architecture</b></p> <ul style="list-style-type: none"> <li>• The belief of life after death and cultural values of Egypt in that particular era</li> <li>• Evolution of Mastabas</li> <li>• Start of formation of Pyramids over number of dynasties</li> <li>• Study of Construction techniques and materials for building pyramids and internal parts of pyramids in details .Finest Examples: Great pyramid of Cheops(Khufu),step pyramid of Sakkara</li> <li>• Descriptions and details of Various monuments like sphinx and temple of karnek</li> </ul>	8
B	<p><b>Greek Architecture</b></p> <ul style="list-style-type: none"> <li>• Overall development of Greek architecture with gradual rise of prominent Greek column orders: Doric, Ionic, Corinthian. In-depth Study of these column orders.</li> <li>• Scientific approach of optical correction in shape, size and allocation of these columns</li> <li>• Acropolis of Athens and its important buildings constructed and redeveloped over a period of time</li> <li>• The finest example of Greek Architecture: Parthenon, Agora</li> </ul>	8
C	<p><b>Roman Architecture</b></p> <ul style="list-style-type: none"> <li>• How the legacy of Greek architecture brought forwarded to Roman Style of Architecture.</li> <li>• Geographical study and understanding of Roman Empire along with sensible approach towards town Planning with introduction of Public baths, Aqua Ducts, Squares or Nodes at intersections of axial roads</li> <li>• Specific architectural elements like semicircular arches columns, symmetrical design and materials like fine lime mortar, Concrete, Dressed stone Masonry developed and successfully used by Roman</li> <li>• Examples:Pantheon,Coliseum</li> </ul>	10
D	<p><b>Gothic Architecture</b></p> <ul style="list-style-type: none"> <li>• Entirely new approach towards the building design where in Priest were considered as an architects of their churches,Study of Overall scientific approach and innovation of completely new and unique building techniques and elements</li> <li>• Rose windows</li> <li>• Pointed Arches</li> <li>• Flying buttresses</li> <li>• Ribbed Vault</li> <li>• Famous and finest Example: Notre dame Paris</li> </ul>	6

**Text Books**

1	A History of Architecture - Sir Banister Fletcher
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2	World History of Architecture-Muffet
3	A global history of Architecture - Francis D.K. Ching
Reference Books	
1	Understanding Architecture: Its elements, history and meaning - Leland M Roth
2	Ancient Architecture: History of World Architecture – S. Lloyd and H.W. Muller
3	Man the Builder - Gosta, E. Samdstrom
4	Understanding Architecture - Bussagh; Marco

**NOTE:**

- (I) Assignments to include study of concepts relating to cultural and religious beliefs, structure, climatic interfaces and integration of all these in the resultant forms.
- (II) Models of architectural elements and various monuments, buildings, analytical studies and paper presentations individually or in groups.