

DEPARTMENT OF ARCHITECTURE
NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI

COURSE OUTLINE			
Course Title	History of Architecture - 1		
Course Code	AR 103	No. of Credits	3
Department	Architecture	Faculty	Bellatrix Valdaris
Pre-requisites Course Code	None		
Course Coordinator(s) (if, applicable)	NA		
Other Course Teacher(s)/Tutor(s) E-mail	NA bella@nitt.edu	Telephone No.	9176580312
Course Type	Core course		
COURSE OVERVIEW			
<p>A broad outline of the history of world architecture from the earliest neolithic settlements to Byzantine times.</p>			
COURSE OBJECTIVES			
<ol style="list-style-type: none"> 1. To understand how architectural style evolves in response to a set of influencing factors. 2. To acquaint the students with case studies of architectural activity through the ages. 			

COURSE OUTCOMES (CO)			
Course Outcomes		Aligned Programme Outcomes (PO)	
<p>Upon completion of this course, the student will be able to</p> <ol style="list-style-type: none"> 1. identify features of the various architectural styles discussed 2. understand the importance of various external influences on the features of an architectural style 3. understand the importance of architecture in response to context 4. understand the use of materials, techniques and systems through the ages 5. understand how building typology evolves out of society's priorities 6. enumerate and discuss the significant features of exemplary buildings in each of the styles discussed 		<p>A clear appreciation and application of the following in architectural design:</p> <ol style="list-style-type: none"> 1. appropriateness in architecture 2. holistic response to context 3. use of traditional materials, systems and techniques in contemporary contexts if and where applicable 4. visual order 	
COURSE TEACHING AND LEARNING ACTIVITIES			
S.No.	Week	Topic	Mode of Delivery
1.	Week 1	Introduction Neolithic settlements <ul style="list-style-type: none"> - Jericho - Catal Huyuk - Hassuna - Koln Lindenthal - Skara Brae 	Lecture
2.	Week 2	Egyptian Architecture <ul style="list-style-type: none"> - Influencing factors - Salient features - materials, construction techniques, structural systems, visual features 	Lecture
3.	Week 3	Funerary architecture <ul style="list-style-type: none"> - Mastabas, pyramids & rock-cut tombs 	Lecture

		- Eg. Pyramid of Cheops, Giza	
4.	Week 4	Temple architecture - Mortuary temples & cult temples - Eg. Temple of Ammon, Karnak	Lecture
5.	Week 5	Architecture of the Ancient Near East - Influencing factors - Salient features - materials, construction techniques, structural systems, visual features	Lecture
6.	Week 6	Early Mesopotamian architecture - Ziggurats - Eg. Ziggurat of Urnammu, Ur Assyrian architecture - Palaces - Eg. Palace of Sargon, Khorsabad	Lecture
7.	Week 7	Persian architecture - Palaces - Eg. Palace at Persepolis Mayan architecture - Salient features - Stepped pyramids - Eg. Stepped pyramid, Tikal	Lecture
8.	Week 8	Greek Architecture - Influencing factors - Salient features – materials, construction techniques, structural systems, visual features, optical refinements	Lecture
9.	Week 9	Greek orders - Doric - Ionic - Corinthian	Lecture
10.	Week 10	Brief outline of building types - Eg. Agora - Eg. Acropolis	Lecture

11.	Week 11	<ul style="list-style-type: none"> - Eg. Parthenon - Eg. Erectheion <p>Roman architecture</p> <ul style="list-style-type: none"> - Influencing factors - Salient features – materials, construction techniques, structural systems, visual features 	Lecture
12.	Week 12	<p>Roman orders</p> <ul style="list-style-type: none"> - Tuscan - Composite <p>Brief outline of building types</p> <ul style="list-style-type: none"> - Eg. Pantheon - Eg. Colosseum 	Lecture
13.	Week 13	<ul style="list-style-type: none"> - Eg. Circus Maximus - Eg. Thermae of Hadrian <p>Greek and Roman theatres</p> <ul style="list-style-type: none"> - Eg. Theatre of Dionysus, Athens - Eg. Theatre at Epidaurus 	Lecture
14.	Week 14	<p>Early Christian architecture</p> <ul style="list-style-type: none"> - Influencing factors - Salient features – materials, construction techniques, structural systems, visual features - Eg. St.Peter’s, Rome <p>Byzantine architecture</p> <ul style="list-style-type: none"> - Influencing factors - Salient features – materials, construction techniques, structural systems, visual features - Eg. Hagia Sophia, Constantinople 	Lecture

COURSE ASSESSMENT METHODS				
S.No.	Mode of Assessment	Week/Date	Duration	% Weightage
1.	Mid term exam	21-10-16	1 hour	20%
2.	Surprise quiz	5 nos. spread through the semester	10 mins	15%
3.	Assignments	5 nos. spread through the semester Submission deadlines: 1. 21-09-16 2. 14-10-16 3. 02-11-16 4. 16-11-16 5. 01-12-16	1 week	25%
4.	Semester examination	16 th week	3 hours	40%

ESSENTIAL READINGS : Textbooks, reference books Website addresses, journals, etc

Mandatory reading:

Sir Bannister Fletcher's, "A History of Architecture", CBS, 20th Edition, 2002.

Additional reading:

"History of World Architecture (series): Vols. Titled Ancient Architecture, Primitive architecture, Greek architecture, Roman architecture & Byzantine architecture", 1980.

COURSE EXIT SURVEY

Will be administered and collected in class

COURSE POLICY

1. Attendance – min. 75% compulsorily required; 10% consideration for genuine reasons – on production of necessary evidence
2. Plagiarism / academic dishonesty (such as copying) will not be entertained
3. Retest will be conducted for those who miss the midterm exam for genuine reasons – on production of necessary evidence
4. No retest will be conducted for missing the surprise quizzes

ADDITIONAL COURSE INFORMATION

eg.: The Course Coordinator is available for consultation at times that are displayed on the coordinator's office notice board. Queries may also be emailed to the Course Coordinator directly at -----

FOR SENATE'S CONSIDERATION

Course Faculty _____ CC-Chairperson _____ HOD _____