



School of Planning and Architecture: Vijayawada
 (An institution of National Importance under the Ministry of Human Resource Development, Govt. of India)
 S.No. 71/1, NH-5, Nidamanuru, Vijayawada – 521 104, Andhra Pradesh, India

Department of Architecture

Course: 10110304 History of Architecture and Human Settlements : Ancient Civilizations **Class:** 1ST Yr B. Arch II Sem A.Y. 2017-18

Instructors: Mitali Madhusmita, SVK Kumar

Internal Assessment: 50

External Theory Exam: 50

Contact Periods/ week: 03 periods (50 min. each)

Total Marks: 100

Time Table:

Credits: 3

Attendance: Min 75%

Min. Passing Marks: 40% each in Internal & External Assessment, 50% in Aggregate

Objective:

The course is designed to arouse in the student a sense of curiosity and to sharpen the student's powers of observation. The importance of the timelessness of architecture shall be emphasized. Students shall undertake a chronological study of world architecture with emphasis on the Indian sub-continent and a comparison of the different stages of developments in India and other parts of the world. The architectural study is to be linked with the social developments of civilizations, geographical and geological factors, materials and structures etc. the course shall include sketching and understanding of historical buildings, historical analyses and measured drawings.

Out Line of the Course:

Indus Valley civilization and the early Aryan architecture of the Ganges valley, Vedic planning principles. Study of the architecture of the Chinese, West Asian, Egyptian, Greek, Roman and Latin American civilization. Buddhist architecture in India and abroad.

LECTURE PLAN

S. No.	Week	TOPIC OF CLASS LECTURE & DISCUSSION	CLASS ACTIVITIES & ASSIGNMENTS
1	Week 1	Introduction to the Course • Factors influencing Architecture – Relevance between human existence and habitat Prehistoric/ Primitive Architecture- Introduction • Primitive people, shelters, settlements	Lecture and Group discussion
2	Week 2	Prehistoric/ Primitive Architecture- Introduction burial systems, megaliths and memorials • Eg: Oval huts near Nice, Dolmen tomb, Gallery grave, Passage grave, Cairns, Tumulus, Houses at Catal Huyuk, Stonehedge	Lecture and Discussion Assignment-I: Sketches as per examples covered
3	Week 3	River Valley Civilisations • Indus Valley and Aryan civilisations • Architectural Character, building types and services, Gopuram • Town Planning character & Vedic Town forms	Re-cap; Lecture CONTINUOUS Assignment-I on preparing a chart of Civilisations, time period, place, people and bldgs./bldg. types Assignment-I
4	Week 4	River Valley Civilisations • Introduction : Indus Valley and Aryan civilisations • Architectural Character, building types and services, Gopuram	Lecture and Discussion Assignment-I: Sketches as per examples covered
		River Valley Civilisations • Town Planning character & Vedic Town forms	Re-cap; Lecture CONTINUOUS Assignment-I on preparing

5	Week 5		a chart of Civilisations, time period, place, people and bldgs./bldg. types
6	Week 5	Egyptian Architecture – Introduction • Background and Influences of people's beliefs and reflections on Architecture	Interactive Lecture Commencement of Assignment-II
7	Week 6	Egyptian Architecture – • Architectural Character, building types, construction techniques • Religious burial systems - Transformations (Mastabas through pyramids), construction techniques; Eg. Pyramid of Cheops	Sketches as per examples covered (Column types, 1 Mastaba, Stepped & True Pyramid)
8	Week 7	Egyptian Architecture • Temple forms – Mortuary and Cult; Eg. Temple of Khons TEST-I (Objective type) on Topics covered up to 3 above	Lecture Continuation of Assignment-II: Sketches as per examples covered (2 Cult Temples) Test Duration: 45-60 Minutes
9	Week 8	Assyrian Architecture – Eg. Palace of Sargon, Khorsabad • Construction techniques: Arches, Corbelled Drains and Polychromatic brickwork	Lecture and Discussion
10	Week 9	Assyrian Architecture – Introduction & Examples • Architectural Character, building types • Palaces, influence of Climate and Geology; Eg. Palace of Sargon, Khorsabad • Construction techniques: Arches, Corbelled Drains and Polychromatic brickwork	Lecture and Discussion Sketches as per examples covered
11	Week 10	Assyrian Architecture – Eg. Palace of Sargon, Khorsabad • Construction techniques: Arches, Corbelled Drains and Polychromatic brickwork	Sketches as per examples covered (Palace of Sargon, Polychromatic brickwork facade, Corbelled Drain) Commencement of Assignment-III
12	Week 11	Persian Architecture – Introduction & Examples • Architectural Character, Const. techniques	Lecture and Discussion
13	Week 12	Persian Architecture – • Palaces, influence of Climate and Geology; Eg. Palace of Persepolis	Lecture and Discussion Continuation of Assignment-III: Sketches as per examples covered (Palace, Stairway)
14	Week 13	TEST – II (Theory & Sketches) on Topics covered up to 14 above	Test Duration: 45-60 Minutes
15	Week 14	Chinese Civilization: Introduction & Examples • Architectural Character, building typologies	Lecture and Discussion Sketches as per examples covered
16	Week 15	Chinese Civilization: Introduction & Examples • Architectural Character, building typologies • settlement layout and planning principles adopted	Lecture and Discussion Sketches as per examples covered Continuation of Assignment-III
17	Week 16	Revision and Remarks	• Announcement of FINAL Internal Assessment Marks

S.No.	Category of Evaluation	Marks	Note
1	Assessment – I: Test - I	15	<i>The Marks allotted at each stage is tentative. Categories of evaluation may be increased or decreased (merged) on need-basis</i>
2	Assessment – II: Assignment II	15	
3	Assessment – III: CONTINUOUS Assignment-I	5	
	Test - II	15	

Reference books:

1. Sir Fletcher, Banister 1996, A History of Architecture on the Comparative Method, 20th edn, B.T. Batsford Ltd., London.
2. Grover, Satish 2003, Buddhist and Hindu Architecture in India, 2nd edn, CBS Publishers, New Delhi
3. Brown, Percy 2010, Indian Architecture: Buddhist and Hindu period, D.B. Taraporevala Sons and Co. Pvt. Ltd., Mumbai.
4. Watkin, David 2005, A History of Western Architecture, 4th edn, Laurence King Publishing, London

Reference Books for extended reading:

5. Copplestone, Trewin & Seton Lloyd 1971, World Architecture: An Illustrated History, Verona Printed, London.
6. Crouch, P, Dora 1985, History of Architecture: Stonehenge to Skyscrapers, McGraw-Hill, London
7. Fiske, Kimball & George Harold, Edgell 2012, A History of Architecture, Kimball Fiske
8. Hamlin, Talbor Faulkner 1953, Architecture through the Ages, Putnam Adult, New York
9. Roth, M Leland 2006, Understanding Architecture: Its Elements, History, and Meaning, Westview Press, Columbia
10. Harris, M, Cyril 1977, Illustrated Dictionary of Historic Architecture, M. Courier Dover Publications, New York

Signature of the Instructor:

Head of the Department: