



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 – III: High and Late Medieval period (1000 CE – 1500 CE) **Class:** IIND Yr B. Arch III Sem A.Y. 2017-18

Instructors: SVK Kumar, Mitali Madhusmita

Internal Assessment: 50

External Theory Exam: 50

Total Marks: 100

Credits: 3

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

Time Table:

Attendance: Min 75%

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

Objective:

To provide an insight into the architecture of High & Late Medieval period. Social, religious and political character, building materials, construction methods, landscape and how they influenced their built form and settlement pattern shall be explained with examples. To provide an understanding of the Architecture in its various stylistic modes, characterized by technology, ornamentation and settlement planning practices. 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 developments in chronological manner along the timeline and across different geographies. Also, students must be enabled to appreciate tangible and intangible aspects of heritage associated with history.

Out Line of the Course:

Unit-I. Architecture of the Romanesque, Byzantine and Gothic Phases
Unit-II. Indo Aryan Architecture (1000 – 1500 AD)
Unit-III. Dravidian Architecture (1000 – 1500 AD)
Unit-IV. Architecture of the Delhi Sultanate - Introduction to Islamic Architecture

LECTURE PLAN

S. No.	Week	TOPIC OF CLASS LECTURE & DISCUSSION	CLASS ACTIVITIES & ASSIGNMENTS
1	Week 1	<ul style="list-style-type: none"> Description of the syllabus and its timeline coverage, curricular expectations and expected outcomes Introduction to Church Architecture <p>Architecture of the Romanesque, Byzantine and Gothic Phases</p>	<ul style="list-style-type: none"> Lecture Commencement of Sketching Assignment – 1/2 (15 Marks)
2	Week 2	<p>Romanesque Architecture – Introduction</p> <ul style="list-style-type: none"> Architectural Character – Italian vs. French Transformation of Church form – Cruciform/Cross form Structural element – the Arch, Piers, Columns and Cross Vault 	<ul style="list-style-type: none"> Lecture
3	Week 3	<p>Romanesque Architecture</p> <ul style="list-style-type: none"> Use of Arch and / or Pilasters on facades – Arcade on Facades Italian – eg. Pisan group of buildings viz., Cathedral, Campanile and Baptistery French – eg. Angouleme Cathedral 	<ul style="list-style-type: none"> Lecture Commencement of Guided Study: Extended reading of building examples
4	Week 4	<p>Byzantine Architecture - Introduction</p> <ul style="list-style-type: none"> Architectural Character Structural element – the Pendentive Church - eg. Hagia Sophia, Constantinople 	<ul style="list-style-type: none"> Submission of Guided Study: Extended reading of building examples Submission of Sketching Assignment – 1/2

5	Week 5	Byzantine Architecture • Church examples - eg. St. Sophia, Constantinople	• Lecture and presentation, Photo clips for Early Christian Architecture
6	Week 6	Gothic Architecture - Introduction • Architectural Character • Flying Buttress, Pointed Arch and Rib 'n' Panel vault, Stained glass - Effect on Gothic church structure & façade	• Lecture
7	Week 7	Gothic Architecture • Cathedrals- eg., Notre Dame and Reims cathedrals	• Lecture • Commencement of Sketching Assignment – 2/2 (15 Marks)
		Dravidian Architecture (1000 – 1500 CE)	
8	Week 8	Hoysala Architecture - Introduction • Architectural Character, differences over Dravidian and Indo-aryan temples Resultant stellar/star shaped Cella Plan.	• Lecture
9	Week 9	Hoysala Architecture • Temples at Belur, Halebid and Somnathpur • Ornamentation – friezes, motifs, soapstone works, concave and convex profiles of columns	• Lecture
10	Week 10	• Role of Shilpasasthras in Settlement Planning	• Lecture
11	Week 11	• Development of Gopuram (entrance gateway), Shikhara (tower), Transformations and typologies • Temple examples	• Submission of Sketching Assignment – 2/2
12	Week 12	• Temple examples	• Lecture
		Indo-Aryan Architecture (1000 – 1500 CE)	
13	Week 13	• Indo-Aryan / Nagara style Temple examples	• Lecture
14	Week 14	• Indo-Aryan / Nagara style Temple examples	• Lecture
15	Week 15	TEST (01 hour duration, 20 Marks)	
		Architecture of the Delhi Sultanate - Introduction to Islamic Architecture	
16	Week 16	• Advent, Principles and Architectural Character • Establishment of the Delhi Sultanate; • Imperial Style – Delhi: Slave, Khilji, Tughlak, Sayyid and Lodhi dynasties	• Special Lecture and ppt presentation by Dr. S. Ramesh
17	Week 17	• Building prototypes – Basic Mosque and Tombs	• Special Lecture and ppt presentation by Dr. S. Ramesh
18	Week 18	• Revision and Remarks (Optional)	• Lecture, Q & A • Final Internal Marks

S.No.	Category of Evaluation	Marks	Note
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1	Assessment – I: Sketching Assignment	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: Sketching Assignment	15	
3	Assessment – III: TEST	20	

Reference books:

1. Brown, Percy 2010, Indian Architecture: Buddhist and Hindu period, D.B. Taraporevala Sons and Co. Pvt. Ltd., Mumbai.
2. Couch, Dora P 1985, History of architecture: Stonehenge to skyscrapers, McGraw Hill, New York
3. Fiske, Kimball & George, Harold Edgell 2012, A history of architecture, Ulan Press via Amazon
4. Fletcher, Sir Banister 1996, A history of architecture, Routledge Press, London
5. Grover, Satish 2014, Buddhist and Hindu architecture in India, CBS, New Delhi
6. Hamlin, Talbot Faulkner 1953, Architecture through the ages, Putnam, New York
7. Harris, M Cyril 1983, Illustrated dictionary of historic architecture, Courier Corporation, Dover, New York
8. Overy, Richard, Complete History of the World, Penguin, India
9. Roth, M Leland 2007, Understanding architecture: its elements, history and meaning, Westview Press, Colorado
10. Singh, Upinder 2009, A history of ancient and early medieval India: from the Stone age to the 12th century, Pearson India, Delhi.
11. Watkin, David 2005, A History of Western Architecture, 4th edn, Laurence King Publishing, London

Signature of the Instructor:

Head of the Department: