

HISTORY OF ARCHITECTURE & CULTURE**Course Code : 352304**

Programme Name/s : Architecture Assistantship/ Architecture/ Interior Design & Decoration/ Interior Design/
Programme Code : AA/ AT/ IX/ IZ
Semester : Second
Course Title : HISTORY OF ARCHITECTURE & CULTURE
Course Code : 352304

I. RATIONALE

The objective is to understand how architecture has been influenced by society and its culture through ages. The study of history will help to understand the way buildings were constructed in context to climate, geography and traditions with its own unique style. The study will help the students to understand how political, physical, social, economical and technological affect the architecture materials and construction techniques.

II. INDUSTRY / EMPLOYER EXPECTED OUTCOME

Students shall undertake critical study of architecture through ages and across the world. The subject study will help to understand the built form, material and technology. The course will develop awareness, knowledge and techniques of various methods of conservation and documenting heritage sites.

III. COURSE LEVEL LEARNING OUTCOMES (COS)

Students will be able to achieve & demonstrate the following COs on completion of course based learning

- CO1 - Students will be able to prepare drawing of given Heritage Structure with proper documentation .
- CO2 - students will be able to co-relate impact of relevant Civilizations. and work on conservation site with all relevant course base learning.
- CO3 - students will be able to Conservation to given structure with professional Ethics. and Understand the construction technics, methodology, specification of building materials as conservation technics and practice
- CO4 - students will be able to Use relevant tools for mapping, measuring, documenting and restoring of heritage sites.
- CO5 - students will be able to design / Retrofit/ Conserve furniture for given Heritage site

IV. TEACHING-LEARNING & ASSESSMENT SCHEME

Course Code	Course Title	Abbr	Course Category/s	Learning Scheme						Credits	Paper Duration	Assessment Scheme										Total Marks
				Actual Contact Hrs./Week			SLH	NLH	Theory			Based on LL & TL				Based on SL						
				CL	TL	LL			Total			Practical		SLA								
							FA-TH	SA-TH				Max	Min	FA-PR	SA-PR	Max	Min	Max	Min			
352304	HISTORY OF ARCHITECTURE & CULTURE	HOA	DSC	4	-	2	-	6	3	3	30	70	100	40	25	10	25@	10	-	-	150	

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Abbreviations: CL- Classroom Learning , TL- Tutorial Learning, LL-Laboratory Learning, SLH-Self Learning Hours, NLH-Notional Learning Hours, FA - Formative Assessment, SA -Summative assessment, IKS - Indian Knowledge System, SLA - Self Learning Assessment

Legends: @ Internal Assessment, # External Assessment, *# On Line Examination , @\$ Internal Online Examination

Note :

1. FA-TH represents average of two class tests of 30 marks each conducted during the semester.
2. If candidate is not securing minimum passing marks in FA-PR of any course then the candidate shall be declared as "Detained" in that semester.
3. If candidate is not securing minimum passing marks in SLA of any course then the candidate shall be declared as fail and will have to repeat and resubmit SLA work.
4. Notional Learning hours for the semester are (CL+LL+TL+SL)hrs.* 15 Weeks
5. 1 credit is equivalent to 30 Notional hrs.
6. * Self learning hours shall not be reflected in the Time Table.
7. * Self learning includes micro project / assignment / other activities.

V. THEORY LEARNING OUTCOMES AND ALIGNED COURSE CONTENT

Sr.No	Theory Learning Outcomes (TLO's)aligned to CO's.	Learning content mapped with Theory Learning Outcomes (TLO's) and CO's.	Suggested Learning Pedagogies.
1	<p>TLO 1.1 Explain the importance history of Architecture</p> <p>TLO 1.2 Explain the examples of stone age and early shelters with case study and site visit the same</p> <p>TLO 1.3 Explain the geo physical societal early caves and shelters.</p> <p>TLO 1.4 Explain the role and importance of archeological survey of India ,Explain history of Indian and world architecture early stages</p>	<p>Unit - I Pre-Historical Architecture and Introduction to History of Architecture</p> <p>1.1 Importance of history to understand the Architecture.</p> <p>1.2 Examples of Early shelters, Stone Age, Tumuli, etc.</p> <p>1.3 Determinants of built form – geo physical, societal, technological etc. (Early caves, timber huts, stone houses etc).</p> <p>1.4 Understanding people of India and Culture</p>	<p>Video</p> <p>Demonstrations</p> <p>Case Study</p> <p>Site/Industry Visit</p> <p>Collaborative learning</p>

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Sr.No	Theory Learning Outcomes (TLO's) aligned to CO's.	Learning content mapped with Theory Learning Outcomes (TLO's) and CO's.	Suggested Learning Pedagogies.
2	<p>TLO 2.1 Explain the civilization of Egyptian, Indus valley ,Mesopotamian , Greek, roman etc.</p> <p>TLO 2.2 explain the Materials, construction systems, system of proportioning used in heritage buildings</p> <p>TLO 2.3 sketch building plans and explain the characteristic's of architectural buildings</p> <p>TLO 2.4 Explain Greek civilization ,Greek towns, location and characteristics of typical civic spaces</p> <p>TLO 2.5 Explain Significant characteristics of Greek Architecture such as Materials, construction systems</p> <p>TLO 2.6 Explain Significant characteristics of Roman Architecture.</p>	<p>Unit - II River Valley Civilizations</p> <p>2.1 Egyptian Civilization Concept of the Royal Necropolis, locational context and architectural characteristics of public buildings.</p> <p>2.2 Mesopotamian Civilization the urban context and architecture of public buildings (Ziggurats and palaces) - one example of each.</p> <p>2.3 Indus Valley Civilization: Grid Iron System</p> <p>2.4 Greek civilization ,Greek towns, location and characteristics of typical civic spaces such as Agora, Acropolis, Theatres etc</p> <p>2.5 Significant characteristics of Greek Architecture such as Materials, construction systems, system of proportioning, Greek orders, architecture of Greek temples – Parthenon at Athens.</p> <p>2.6 Significant characteristics of Roman Architecture. Concept of monumentality, materials and construction systems, Roman orders and the Roman Basilica, Pantheon Rome</p>	<p>Case Study Collaborative learning Demonstration Presentations</p>
3	<p>TLO 3.1 Explain the theory and design principles of Indian temple architecture</p> <p>TLO 3.2 Explain the methodology of construction technics and material used for temple architecture.</p> <p>TLO 3.3 Study of documentation of local heritage site</p> <p>TLO 3.4 research methods of temple architecture and document as per the requirements</p>	<p>Unit - III Temple Architecture in India</p> <p>3.1 Evolution of temple and its various parts</p> <p>3.2 Dravidian style (Southern) General characteristics, planning (e.g. shore temple at Mahabalipuram, Madurai Temple. Indo Aryan Temple</p> <p>3.3 Lingaraja Temple at Bhubhaneshwar, Kandariya Mahadeo at Khajuraho, Sun Temple at Modhera .</p> <p>3.4 Mughal architecture Indian context.</p>	<p>Model Demonstration Case Study Collaborative learning</p>

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Sr.No	Theory Learning Outcomes (TLO's) aligned to CO's.	Learning content mapped with Theory Learning Outcomes (TLO's) and CO's.	Suggested Learning Pedagogies.
4	<p>TLO 4.1 Explain the Early Christian Architecture</p> <p>TLO 4.2 Explain and prepare sketches of Byzantine Architecture</p> <p>TLO 4.3 Explain and prepare sketches of Gothic architecture.</p> <p>TLO 4.4 Explain the Renaissance Architecture through sketches.</p> <p>TLO 4.5 Explain the Byzantine Architecture through the Model/ Sketches</p>	<p>Unit - IV Western Architecture</p> <p>4.1 Early Christian Architecture - Development of church plan (Basilica)</p> <p>4.2 Byzantine Architecture -Centralized plans and construction methods for dome of St. Sophia Church)</p> <p>4.3 Gothic Architecture -Main visual and construction vocabulary of Gothic Arch at Notre Dame Paris, and Reims Cathedral</p> <p>4.4 Renaissance Architecture -Early Renaissance Architecture. General architectural characteristics (Florence cathedral)</p> <p>4.5 Late Renaissance architecture. General characteristics and Role of Michael Anglo & Palladio (eg. St. Peter's Rome. The capital Rome & Villa Capra)</p>	<p>Case Study</p> <p>Presentations</p> <p>Video</p> <p>Demonstrations</p> <p>Collaborative learning</p>
5	<p>TLO 5.1 Explain the furniture of heritage building through edges</p> <p>TLO 5.2 explain the materials used in furniture design</p> <p>TLO 5.3 Explain and analyze the types of furniture used in the heritage building as case study</p> <p>TLO 5.4 Explain methods of joinery techniques such as parquetry, marquetry gilding, turning, pierced</p> <p>TLO 5.5 Explain occidental furniture style - Classical, Medieval, 19th Century AD ,Modern</p>	<p>Unit - V History of Furniture- timeline and Evolution</p> <p>5.1 Introduction to furniture history. Evolution of furniture over a period based on climate, social factors, life style, technical and stylistic development availability of materials and various movements in design.</p> <p>5.2 Introduction to furniture terminology based on methods of joinery techniques such as parquetry, marquetry gilding, turning, pierced and chip carving, ormolu mounts</p> <p>5.3 Study of occidental furniture style - Classical, Medieval, 19th Century AD ,Modern, Post Modern , Contemporary.</p> <p>5.4 Study of architectural elements in interiors in India from Mughal period onwards such as doors, windows, pillars, columns, staircases, fireplaces, paneling, dado, frieze, architectural decoration, study sketches and creative designs.</p> <p>5.5 Oriental Furniture and Style -Chinese and Japanese interior and furniture.</p>	<p>Video</p> <p>Demonstrations</p> <p>Case Study</p> <p>Site/Industry Visit</p> <p>Collaborative learning</p>

VI. LABORATORY LEARNING OUTCOME AND ALIGNED PRACTICAL / TUTORIAL EXPERIENCES.

Practical / Tutorial / Laboratory Learning Outcome (LLO)	Sr No	Laboratory Experiment / Practical Titles / Tutorial Titles	Number of hrs.	Relevant COs
LLO 1.1 '*Prepare Free hand sketches and computer generated drawings in computer lab of historical buildings, Models of historical buildings in model making lab.	1	1) '* a) computer generated drawings of historical buildings in computer lab .b) Free hand sketches .	2	CO1

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Practical / Tutorial / Laboratory Learning Outcome (LLO)	Sr No	Laboratory Experiment / Practical Titles / Tutorial Titles	Number of hrs.	Relevant COs
LLO 2.1 '*' Prepare PPT in computer lab only on the topics: the civilization of Egyptian, Indus valley, Mesopotamian , Greek, roman etc.	2	'*' The civilization of Egyptian, Indus valley. Prsentation by PPT	2	CO2
LLO 3.1 '*' Report and measurement drawings on drawing sheets or tracing paper to the suitable scale based on study and documentation of local heritage site	3	'*' Select local heritage site - a) Documention of Site b) Report c) Measurment Drawing .	2	CO3
LLO 4.1 PPT on The Early Christian Architecture /Byzantine Architecture	4	The Early Christian Architecture /Byzantine Architecture-Presentation By PPT.	2	CO4
LLO 5.1 '*' model of nay one in model lab history of furniture to explain various styles and periods	5	'*' History of Furniture to explain various styles.presentation by PPT / Architectural presentation free hand .	2	CO5
LLO 6.1 sketches (in the sketch book) of the (Gothic Architecture and Renaissance Architecture etc.) various furniture pieces explaining the use of materials, construction systems, study of scale and proport	6	2 (Gothic Architecture and Renaissance Architecture etc.) various furniture pieces explaining the use of materials, construction systems, study of scale and proportion - Skecthes with presentation	2	CO4
LLO 7.1 '*' Prepare PPT in computer lab on the topics: Gothic Architecture and Renaissance Architecture	7	'*' Gothic Architecture and Renaissance Architecture- presentation by PPT	2	CO4
LLO 8.1 sketches (in the sketch book) in plan/section/elevation/views of the important buildings of the Gothic Architecture and Renaissance Architecture etc.)	8	Draw proportionate sketches (in the sketch book) in plan/section/elevation/views of the important buildings of the civilisations (Gothic Architecture and Renaissance Architecture etc.) explaining the use of materials, construction systems, study of cale and proportion.	2	CO4
LLO 9.1 Gothic Architecture and Renaissance Architecture	9	Prepare PPT on the topics: Gothic Architecture and Renaissance Architecture	2	CO4
LLO 10.1 '*' in studio lab draw plan/section/elevation/views of the important buildings of the civilisations (Greek, roman etc.) explaining the use of materials, construction systems, study of scale and prop	10	'*' a) Draw the plan/section/elevation/views of the important buildings of the civilisations (Greek, roman etc.). b) Understand the scale and prortion , materials etc. make a report .	2	CO3
LLO 11.1 '*' Prepare/draw mind mapping diagram/chart in chronological order of history of architecture and its evolution	11	'*' history of architecture and its evolution - Prepare/draw mind mapping diagram/chart in chronological order of	2	CO1

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Practical / Tutorial / Laboratory Learning Outcome (LLO)	Sr No	Laboratory Experiment / Practical Titles / Tutorial Titles	Number of hrs.	Relevant COs
LLO 12.1 '*' In the studio lab draw sketches in plan/section/elevation/views based on study: Stonehenge to cave architecture	12	'*' : Stonehenge to cave architecture - a) draw the sketches and prepare model	2	CO2
LLO 13.1 Prepare notes/PPT based on study to explain the development of architecture in early stages history of Indian and western architecture	13	Development of architecture in early stages history of Indian and western architecture- Presentation by PPT	2	CO4
LLO 14.1 '*' PPT in computer lab based on study to explain the development of architecture in early stages INDIAN history furniture	14	'*' history of Indian furniture Architecture. presentation by PPT	2	CO3
LLO 15.1 '*' prepare a report and measurement drawings based on study and documentation of historical furniture	15	'*' Prepare a report and measurement drawings based on study and documentation of local heritage site	2	CO3
Note : Out of above suggestive LLOs - <ul style="list-style-type: none"> '*' Marked Practicals (LLOs) Are mandatory. Minimum 80% of above list of lab experiment are to be performed. Judicial mix of LLOs are to be performed to achieve desired outcomes. 				

VII. SUGGESTED MICRO PROJECT / ASSIGNMENT/ ACTIVITIES FOR SPECIFIC LEARNING / SKILLS DEVELOPMENT (SELF LEARNING)**Assignment**

- 1) Undertake a Survey of local historical buildings and do analysis of the structure ,design, construction, materials , furniture used etc. 2) Draw free hand sketches and prepare documentation of historical building near the institute. 3) photography survey of historical building

Note :

- 1) Prepare a small scale model of historical building and measurement drawings of the same to appropriate scale..

VIII. LABORATORY EQUIPMENT / INSTRUMENTS / TOOLS / SOFTWARE REQUIRED

Sr.No	Equipment Name with Broad Specifications	Relevant LLO Number
1	1) drawing boards	1
2	measuring tape of 30.M	1
3	A 1 Size Drawing Sheets	1
4	tracing /gateway papers	1
5	stationery material /sketch book, pencil's, eraser etc.	1
6	Camera for photograph	1
7	Suitable Stationery for preparation of model	1

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Sr.No	Equipment Name with Broad Specifications	Relevant LLO Number
8	surveying and leveling materials as required.	1
9	Material Required for Documentation	1

IX. SUGGESTED WEIGHTAGE TO LEARNING EFFORTS & ASSESSMENT PURPOSE (Specification Table)

Sr.No	Unit	Unit Title	Aligned COs	Learning Hours	R-Level	U-Level	A-Level	Total Marks
1	I	Pre-Historical Architecture and Introduction to History of Architecture	CO1	15	6	6	8	20
2	II	River Valley Civilizations	CO2	10	2	4	4	10
3	III	Temple Architecture in India	CO3	15	6	6	8	20
4	IV	Western Architecture	CO4	10	2	4	4	10
5	V	History of Furniture- timeline and Evolution	CO5	10	2	4	4	10
Grand Total				60	18	24	28	70

X. ASSESSMENT METHODOLOGIES/TOOLS**Formative assessment (Assessment for Learning)**

- Teamwork / Individual

Summative Assessment (Assessment of Learning)

- Teamwork
- Practical

XI. SUGGESTED COS - POS MATRIX FORM

Course Outcomes (COs)	Programme Outcomes (POs)							Programme Specific Outcomes* (PSOs)		
	PO-1 Basic and Discipline Specific Knowledge	PO-2 Problem Analysis	PO-3 Design/ Development of Solutions	PO-4 Engineering Tools	PO-5 Engineering Practices for Society, Sustainability and Environment	PO-6 Project Management	PO-7 Life Long Learning	PSO-1	PSO-2	PSO-3
CO1	2	1	1	1	1	1	3			
CO2	3	2	2	2	1	1	3			
CO3	3	2	2	2	2	1	3			
CO4	3	2	2	2	1	1	3			
CO5	3	1	1	2	1	1	3			

Legends :- High:03, Medium:02,Low:01, No Mapping: -
*PSOs are to be formulated at institute level

XII. SUGGESTED LEARNING MATERIALS / BOOKS

MSBTE Approval Dt. 29/11/2023

Semester - 2, K Scheme

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Sr.No	Author	Title	Publisher with ISBN Number
1	John Pile	Interior Design	Harry N, Adry Publishers
2	Ahmed Kasu	Interior Design	TWAIN Pub.Bombay
3	by Sir Banister Fletcher	History of Architecture	?Architectural Press; 20th edition (21 September 1996)
4	Percy Brown	Indian Architecture (Hindu Period)	Tobey Press
5	Joseph Gwilt	Encyclopedia of Architecture.	Longmans Green
6	Michael Raeburn	An outline of World Architecture:-	Littlehampton Book Services Ltd
7	Federick Litchfield	History of furniture's	Federick Litchfield

XIII . LEARNING WEBSITES & PORTALS

Sr.No	Link / Portal	Description
1	https://archive.org/details/illustratedhisto00litchfield	Illustrated history of furniture : Litchfield, Frederick, b. 1850
2	Wikipedia https://en.wikipedia.org/wiki/History_of_architecture	History of Architecture
3	Library of Congress (.gov) https://www.loc.gov/print/resource/find_arch	Documentation of history of architecture
4	Architectural Documentation - Mesa Verde ... National Park Service (.gov) https://www.nps.gov	Architectural Documentation - Mesa Verde ...
5	Domus Web https://www.domusweb .	DOMUS: the Magazine for Architecture, Design and Art Lovers
6	MIT Press https://mitpress.mit.edu	Revisiting the classics in open access for World ...

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