

Department of Architecture
Dr. B.R. Ambedkar Govt. Polytechnic Ambota
Distt. Una (H.P.) -177205

LESSON PLAN

Program Name	Architecture Assistantship
Subject Name	B.M.C. - II (Practical)
Subject Code	ARB5AE - 3002
Semester	Third
Subject Teacher Name	Ms. Urvashi Sharma (Practical) Ar. Aman Deep Gupta (Theory)

Evaluation Scheme

Sr. No.	Subject Name	Study Scheme		Marks in Evaluation Scheme						Grand Total
		Hrs/Week		Internal Assessment			External Assessment			
		Th.	Pr.	Th.	Pr.	Total	Th.	Pr.	Total	
1	B.M.C. - II	1	6	40	40	80	60	60	120	200

Reference Books
Civil Engineering Drawing by V.B. Sikka, S.K. Kataria & Sons
Civil Construction Materials by Amarjit Aggarwal & N.L. Arora, India Publishing House

Course Outcomes (Cos)

CO-1	Students shall be able to understand the different joinery details of timber construction and its applications.
CO-2	Students will appreciate the different wooden types available in the market.
CO-3	Students will able to understand various construction details & terminologies related to the timber construction.

Teaching Plan (Theory)

Chapter	Name of the Topic	Proposed date	Actual date	Remarks
UNIT-I	Introduction to Timber	1/8/2025		
	Variety of Timber	8/8/2025		
	Characteristics of Timber	22/8/2025		
	Suitability for different uses of Timber	29/8/2025		
	Defects & Decay in Timber	5/9/2025		
	Seasoning & Preservation of Timber	6/9/2025		
	Market Survey of manufactured timber products	9/9/2025		
	Introduction to Joinery Timber	12/9/2025		
	Various types of Doors & Windows in Timber	19/9/2025		
	Various types of Doors & Windows in Timber	26/9/2025		
	Wooden Staircase & its types	3/10/2025		
	Introduction to nature & characteristics of wooden floors	17/10/2025		
	Advantages & Limitation of wooden floors	24/10/2025		
	Introduction to nature & characteristics of wooden roofs	31/10/2024		
	Advantages & Limitation of wooden roofs	7/11/2025		
	Various types of wooden sloping roofs	14/11/2025		
	Various types of materials used as roof coverings	21/11/2025		

Teaching Plan (Practical)

Chapter	Name of the Topic	Proposed date	Actual date	Remarks
UNIT-II	Detailed drawing of Ledged & Battened Door	1/8/2025		
	Detailed drawing of Ledged & Battened Door	2/8/2025		
	Detailed drawing of Ledged & Battened Door	5/8/2025		
	Detailed drawing of Ledged, Battened & Braced Door	8/8/2025		
	Detailed drawing of Ledged, Battened & Braced Door	12/8/2025		
	Detailed drawing of Ledged, Battened & Braced Door	19/8/2025		
	Detailed drawing of Ledged, Battened, Braced & Framed Door	22/8/2025		
	Detailed drawing of Ledged, Battened, Braced & Framed Door	23/8/2025		
	Detailed drawing of Ledged, Battened, Braced & Framed Door	26/8/2025		
	Detailed drawing of Glazed & Panelled Door	29/8/2025		
	Detailed drawing of Glazed & Panelled Door	30/8/2025		
	Detailed drawing of Glazed & Panelled Door	2/9/2025		
	Detailed drawing of Flush Door	5/9/2025		
	Detailed drawing of Flush Door	6/9/2025		
	Class Test -I	9/9/2025		
	Detailed drawing of Flush Door	12/9/2025		
	Detailed drawing of Casement Window	16/9/2025		
	Detailed drawing of Casement Window	19/9/2025		
	Detailed drawing of Casement Window	20/9/2025		
	Detailed drawing of Bay Window	23/9/2025		

Lesson Plan (Aug. 2025).xlsx - Google Sheets

UNIT-II	Detailed drawing of Bay Window	26/9/2025		
	Detailed drawing of Bay Window	27/9/2025		
UNIT-III	Detailed drawing of Wooden Staircase	30/9/2025		
	Detailed drawing of Wooden Staircase	3/10/2025		
	Detailed drawing of Wooden Staircase	4/10/2025		
	Class Test -II	14/10/2025		
	Detailed drawing of Wooden Flooring	21/10/2025		
	Detailed drawing of Wooden Flooring	24/10/2025		
	Detailed drawing of Wooden Flooring	25/10/2025		
UNIT-IV	Detailed drawing of Wooden Lean to Roofing	28/10/2025		
	Detailed drawing of Wooden Lean to Roofing	31/10/2025		
	Detailed drawing of Wooden Lean to Roofing	1/11/2025		
	Detailed drawing of Wooden King Post Truss	4/11/2025		
	Detailed drawing of Wooden King Post Truss	7/11/2025		
	House Test	11/11/2025		
	Detailed drawing of Wooden King Post Truss	14/11/2025		
	Detailed drawing of Wooden Queen Post Truss	15/11/2025		
	Detailed drawing of Wooden Queen Post Truss	18/11/2025		
	Detailed drawing of Wooden Queen Post Truss	21/11/2024		
	Detailed drawing of Wooden Queen Post Truss	22/11/2025		
	Submission of Folder	25/11/2025		

Urvashi Sharma
(Urvashi Sharma)

Aman
(AR. Aman Deep Gupta)
Signature of Teacher

[Signature]
Signature of HOD

Department of Architecture
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LESSON PLAN

Program Name	Architecture Assistantship
Subject Name	ARCHITECTURE DESIGN-III
Subject Code	ARPC – 3001
Semester	3 rd
Subject Teacher Name	Ar. Arun Rana and Ar. Aman Deep Gupta

Evaluation Scheme

Sr. No	Subject Name	Study scheme (Hrs/Week)		Marks in Evaluation Scheme					
				Internal Assessment			External Assessment		
		Th	Pr	Th	Pr	Total	Th	Pr	Total
1.	ARCHITECTURE DESIGN-III	1	6	40	40	100	60	60	100
Reference Books		Timesavers standards for Building Types.							
		Timesaver standards for Architectural design							
		Metric Handbook Planning and Design Data							

Course Outcomes (COs)

CO – 1	Students shall appreciate the complexities and contradictions in the architectural design process.
CO – 2	Students will be able to design multi-cellular structure
CO - 3	Students will be confident enough to measure and draft any built form.

Teaching Plan

	Name of Topic	Proposed Date	Actual Date	Remarks
UNIT-I Design of multi cellular structure like –Residence, preferably duplex. The students shall have scientific knowledge required to design climate responsive buildings. Due emphasis shall be given to sustainable building materials with appropriate building construction technique in design solution.	Introduction	01/08/25		
	-Library study	04/08/25		
		07/08/25		
		08/08/25		
		11/08/25		
		14/08/25		
		18/08/25		VIVA
	- Case Study	14/08/25		
		21/08/25		
		22/08/25		
		25/08/25		VIVA
	Site Analysis -additional library studies	28/08/25		
		29/08/25		
		01/09/25		VIVA
	Design Criteria and Concept (Block Model)	04/09/25		
		05/09/25		
		08/09/25		VIVA

	Design Proposal Stage-I (Hand Drafted Drawings/Site Plan/Plans /Elevation/Sections/ Views)	11/09/25		
		12/09/25		
		15/09/25		
		18/09/25		
		19/09/25		VIVA
	Final submission Incorporating improvements suggested in Design Criteria and explanatory sketches of Evolution of Design. Presentations drawings with views along with detail model clearing the concept.	22/09/25		
		25/09/25		
		26/09/25		VIVA
UNIT-II Design of public buildings like Primary School, Primary Health Centre, Community Centre, etc.	Introduction	29/09/25		
	-Library study	03/10/25		
		06/10/25		VIVA
	- Case Study	09/10/25		
		10/10/25		VIVA
	Site Analysis -additional library studies	13/10/25		VIVA
	Design Criteria and Concept (Block Model)	23/10/25		VIVA
	Design Proposal Stage-I (Hand Drafted Drawings/Site Plan/Plans /Elevation/Sections/ Views)	24/10/25		
		27/10/25		VIVA
	Final submission Incorporating improvements suggested in Design Criteria and explanatory sketches of Evolution of Design. Presentations drawings with views along with detail model clearing the concept.	30/10/25		
		31/10/25		
		03/11/25		VIVA
UNIT-III Measure drawing of any important building/architectural monument of the state/neighboring state. Site visits, documentation through text, photography, drawings	Measure Drawing	06/11/25		
		07/11/25		
		10/11/25		House Test
		13/11/25		
		14/11/25		
	Drafting of the Measured Building	17/11/25		
		20/11/25		
	Report of the Measured Building	21/11/25		
		24/11/25		VIVA

Subject Teacher

Ar. Arun Rana

Ar. Aman Deep Gupta

HOD

Ar. Arun Rana

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LESSON PLAN

Program Name	Architecture Assistantship
Subject Name	CLIMATE RESPONSIVE ARCHITECTURE
Subject Code	ARPC – 3005
Semester	3 rd
Subject Teacher Name	Ar. Aman Deep Gupta

Evaluation Scheme

Sr. No	Subject Name	Study scheme (Hrs/Week)		Marks in Evaluation Scheme					
				Internal Assessment			External Assessment		
		Th	Pr	Th	Pr	Total	Th	Pr	Total
1.	CLIMATE RESPONSIVE ARCHITECTURE	03	-	40	-	40	60	-	60
Reference Books		Manual of Tropical Housing and Building: Climate Design by O.H. Koenigsberger et.al, Madras: Orient Longman, 1984.							
		Energy-efficient Buildings in India by Mili Majumdar, TERI Press							
		Climate Responsive Architecture: A design handbook for energy efficient buildings by Arvind Krishan, Nick Baker, Simos Yannas.							

Course Outcomes (COs)

CO – 1	Understand Climatology & Human comfort and its role in architecture.
CO – 2	Implement passive design strategies in the design projects which in itself is the need of the hour.
CO - 3	Appreciate the importance of climate responsive design in contemporary world and apply the same in their architectural design works.

Teaching Plan

	Name of Topic	Proposed Date	Actual Date	Remarks
UNIT-I Climate and thermal comfort	Climatology: role of climate with respect to shelter and importance of building climatology Global climatic factors, the elements of climate, Classifications of climates:, climatic zones of India Micro climate, effects of local factors and landscape elements on site climatic elements Thermal balance of human body, comfort zone.	04/08/25		
		05/08/25		
		07/08/25		
		11/08/25		
		12/08/25		
		14/08/25		
		18/08/25		
		19/08/25		
		21/08/25		
		25/08/25		
		26/08/25		
		28/08/25		
		01/09/25		
		02/09/25		
		04/09/25		
	Revision Unit-I	08/09/25		Class Test I
UNIT-II Principles of thermal design in building	Heat flow through building envelope: conduction, convection, radiation; thermal balance equation. Thermo-	15/09/25		
		16/09/25		
		18/09/25		
		22/09/25		

	physical properties of building materials and elements: conductivity (k), density, surface conductance, air-to-air thermal transmittance (U value), effects of cavities..	23/09/25		
		25/09/25		
		29/09/25		
		30/09/25		
		06/10/25		
		09/10/25		
	Revision-Unit II	13/10/25		Class Test 2
UNIT-III Sun, wind and precipitation in architecture	Sun: Apparent movement of the sun, Sun path diagrams and its application, greenhouse effect, Solar control: Orientation, internal blinds and curtains, high performance glasses, taxonomy of shading devices. Solar angles, shadow angles. Wind: study of diurnal and seasonal variations, heating and cooling, effect of topography, Functions of natural ventilation; supply of fresh air, stack effect due to the thermal forces, air movement in and around buildings, wind eddies, size and position, effect of wind on design and setting of buildings. Precipitation: Water-vapor. Relative-humidity, condensation, rain, fog, snow and architectural responses	21/10/25		
		23/10/25		
		27/10/25		
		28/10/25		
		30/10/25		
		03/11/25		
		04/11/25		
UNIT-IV Design strategies	Day-light: glare, amount of light, sky as a source of light and day-light factor, effect of size and shape of openings in different planes with and without obstructions. Climate responsive traditional architecture in different climatic zones of India. Example of climate responsive contemporary building projects from India	06/11/25		
		10/11/25		House Test
		11/11/25		
		13/11/25		
		17/11/25		
		18/11/25		
		20/11/25		
		24/11/25		
		25/11/25		

Subject Teacher

Ar. Aman Deep Gupta

HOD

Ar. Arun Rana

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LESSON PLAN

Program Name	Architecture Assistantship
Subject Name	HISTORY OF ARCHITECTURE-II
Subject Code	ARPC – 3004
Semester	3 rd
Subject Teacher Name	Ar. Aman Deep Gupta

Evaluation Scheme

Sr. No	Subject Name	Study scheme (Hrs/Week)		Marks in Evaluation Scheme					
				Internal Assessment			External Assessment		
		Th	Pr	Th	Pr	Total	Th	Pr	Total
1.	HISTORY OF ARCHITECTURE-II	03	-	40	-	40	60	-	60
Reference Books		Percy Brown, „Indian Architecture: Buddhist and Hindu Periods’, D. B. Taraporevala, 1965.							
		Banister Fletcher, „Dan Cruickshank Sir, Banister Fletcher's a history of architecture: A History of Architecture”, Architectural Press, 1996.							
		Ching, Francis, Vikramadithya Prakash, Mark M Jarzombek, „A Global History of Architecture”, John Wiley & Sons, 2011							

Course Outcomes (COs)

CO – 1	Upon completion of the course, the student will be able to develop a keen appreciation of our heritage buildings leading to the understanding that architecture is the product of a particular culture, time and place.
CO – 2	Knowledge about the history of a culture, its building art and construction techniques helps an architecture student to develop designs that are rooted in the country.
CO - 3	Students will be able to understand the paradigm shift in architecture with the advent of Industrial revolution in Europe.

Teaching Plan

	Name of Topic	Proposed Date	Actual Date	Remarks
UNIT-I Development of Christian architecture	Including Early Christian, Byzantine, Romanesque, Gothic, Renaissance and Baroque-Rococo Understanding its evolution, characteristic features	04/08/25		
		06/08/25		
		07/08/25		
		11/08/25		
		13/08/25		
		14/08/25		
		18/08/25		
		20/08/25		
		21/08/25		
		25/08/25		
		27/08/25		
		28/08/25		
		01/09/25		
		03/09/25		
		04/09/25		
	Revision Unit-I	08/09/25		Class Test 1

UNIT-II Rise and Development of Islamic architecture	Rise of Islam, Islamic Invasions, political and social conditions in India. Study of the Islamic Architecture in Imperial India-Slave, Khilji, Tughlak, Sayyid, Lodi. Influence of Mughal art and architecture on India Provincial Architecture of Malwa, Bijapur.	15/09/25		
		17/09/25		
		18/09/25		
		22/09/25		
		24/09/25		
		25/09/25		
		29/09/25		
		01/10/25		
		06/10/25		
		09/10/25		
	Revision-Unit II	13/10/25		Class Test 2
UNIT-III Architecture in Europe	Industrial Revolution and its architectural Implications 19th Century Neo Classicism and Neo Gothic Development of Architecture in Victorian England. Rise of the Idea of Expositions and Birth of the American Skyscrapers	22/10/25		
		23/10/25		
		27/10/25		
		29/10/25		
		30/10/25		
		03/11/25		
		06/11/25		
UNIT-IV Architecture in Colonial India (Late 18th to early 20th century)	Culture of colonialism British Response to Indian Context, Early British Architecture. Birth of Indo-Saracenic Architecture in India.	10/11/25		House Test
		12/11/25		
		13/11/25		
		17/11/25		
		19/11/25		
		20/11/25		
		24/11/25		
		26/11/25		

Subject Teacher

Ar. Aman Deep Gupta

HOD

Ar. Arun Rana

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LESSON PLAN

Program Name	Architecture Assistantship
Subject Name	C.A.A. - II
Subject Code	ARSEC - 3007
Semester	Third
Subject Teacher Name	Ms. Urvashi Sharma

Evaluation Scheme


Evaluation Scheme								
Sr. No.	Subject Name	Study Scheme		Marks in Evaluation Scheme				Total
		Hrs/Week		Internal Assessment		External Assessment		
		Th.	Pr.	Th.	Pr.	Th.	Pr.	
1	C.A.A. - II	0	4	0	40	0	60	100

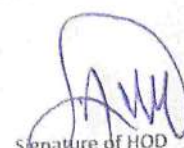
Course Outcomes (Cos)

CO-1	Students will be able to make 2D architectural drawings for presentation purpose.
CO-2	Students will be able to familiarize with the latest software like CAD.
CO-3	Students will be able to inherent the requisite knowledge of the 2D software relevant to the demands of the market & professional offices.

Teaching Plan

Chapter	Name of the Topic	Proposed date	Actual date	Remarks
UNIT-I	Introduction to 2D drawing software	5/8/2025		
	Introduction to 2D drawing software	6/8/2025		
	Commands in the menus (Tool Bars)	12/8/2025		
	Commands in the menus (Tool Bars)	13/8/2025		
	Creating Folders & Subfolders	19/8/2025		
UNIT-II	Creating & Saving new drawing	20/8/2025		
	Commands & options to create a drawing	26/8/2025		
	Commands & options to create a drawing	27/8/2025		
	Use of Units, Ortho, Grid, Snap, Limits	2/9/2025		
	Use of Units, Ortho, Grid, Snap, Limits	3/9/2025		
	Creating Layers & learn commands related to layers	9/9/2025		
	Creating Layers & learn commands related to layers	10/9/2025		
UNIT-III	Keyboard shortcuts & Adding Text, Leader etc.	16/9/2025		
	Keyboard shortcuts & Adding Text, Leader etc.	17/9/2025		
UNIT-III	Use of Zoom, Pan, Regen, Undo, Redo etc.	23/9/2025		
	Use of Zoom, Pan, Regen, Undo, Redo etc.	24/9/2025		
	Use of Copy, Offset, Move, Trim, Rotate, Array, Scale	30/9/2025		
	Use of Copy, Offset, Move, Trim, Rotate, Array, Scale	1/10/2025		
	Use of Divide, Break, Stretch, Erase, Extend, Explode	8/10/2025		
	Use of Divide, Break, Stretch, Erase, Extend, Explode	14/10/2025		
UNIT-V	Making & Inserting blocks & using X-ref	15/10/2025		
	Making & Inserting blocks & using X-ref	21/10/2025		
	Making & Inserting blocks & using X-ref	22/10/2025		
	Generating Layout, Viewports & formatting in Layout	28/10/2025		
	Generating Layout, Viewports & formatting in Layout	29/10/2025		
	Generating Layout, Viewports & formatting in Layout	4/11/2025		
	Dimensioning, Editing in dimensions & updating	11/11/2025		
	Dimensioning, Editing in dimensions & updating	12/11/2025		
	Dimensioning, Editing in dimensions & updating	18/11/2025		
	Plotting drawing, Print preview & Exporting file	19/11/2025		
	Plotting drawing, Print preview & Exporting file	25/11/2025		
	Plotting drawing, Print preview & Exporting file	26/11/2025		


Signature of Teacher


Signature of HOD

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LESSON PLAN

Program Name	Architecture Assistantship
Subject Name	SEMINAR - I
Subject Code	ARPAEC - 3008
Semester	Third
Subject Teacher Name	Ms. Urvashi Sharma

Evaluation Scheme

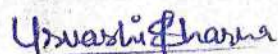
Evaluation Scheme								
Sr. No.	Subject Name	Study Scheme		Marks in Evaluation Scheme				Total
		Hrs/Week		Internal Assessment		External Assessment		
		Th.	Pr.	Th.	Pr.	Th.	Pr.	
1	SEMINAR - I	0	2	0	40	0	60	100


Course Outcomes (Cos)

CO-1	Upon the completion of course, the students will learn & appreciate the enhancement in their presentation skills.
CO-2	Students will be able to express themselves in a better way, thereby improving their communication skills which is an integral part of becoming successful in this field.
CO-3	Students will be able to explain any given topic confidently.

Teaching Plan

Chapter	Name of the Topic	Proposed date	Actual date	Remarks
UNIT-I	Presentation on Topic : Timber, Variety of Indian Timber, Characteristics and suitability for different uses, defects & decay, seasoning & preservation. (Under B.M.C. - II)	6-8-2025		
		13/8/2025		
		20/8/2025		
		27/8/2025		
		3-9-2025		
		10-9-2025		
		17/9/2025		
		24/9/2025		
	Presentation on Topic : Islamic Architecture in Imperial India - Slave, Khilji, Tughlak, Sayyid, Lodi (Under HOA-II)	1-10-2025		
		8-10-2025		
		15/10/2025		
		22/10/2025		
		29/10/2025		
		12-11-2025		
		19/11/2025		
		26/11/2025		


Signature of Teacher


Signature of HOD

LESSON PLAN

Program Name	Architecture Assistantship
Subject Name	BUILDING SERVICES
Subject Code	ARBSAE – 3003
Semester	Third
Subject Teacher Name	Rajinder Kumar

Evaluation Scheme

Sr. No	Subject Name	Study scheme (Hrs/Week)		Marks in Evaluation Scheme					
				Internal Assessment			External Assessment		
		Th	Pr	Th	Pr	Total	Th	Pr	Total
1	Building Services	3	-	40	-	40	60	-	100
Reference Books		Water Supply Engineering", Dr. B.C. Punmia, Ashok Kumar Jain and Arun Kumar Jain, Laxmi, 2003.							
		Disaster management Manuals. & Basic of Electrical and electronics by S.K. Bhattacharya							

Course Outcomes (COs)

CO – 1	Students will be familiar with different materials and equipment available for building services.
CO – 2	Students will try to assimilate the technical aspects of water supply, electrical and firefighting services in the architectural design and modern day construction.

Teaching Plan

Chapters	Name of Topic	Proposed Date	Actual Date	Remarks
UNIT-I Water Supply	Detailed studies such as Sources and Treatment of water.	04-08-2025		
	Water demand & calculations, Storage & conveyance of water at municipal level.	05-08-2025		
	Water supply systems and various fittings. Hot and Cold-water supply layouts.	07-08-2025		
	Water supply design of a residence: Connection with water mains, design of Underground	11-08-2025		
	Overhead water tanks, pump capacity, calculations for diameter of pipe.	12-08-2025		
	Overhead water tanks, pump capacity, calculations for diameter of pipe.	14-08-2025		
	Introduction to water supply in a multi-storied building.	18-08-2025		
	Introduction to water supply in a multi-storied building.	19-08-2025		
UNIT-II Wastewater and Solid Waste management	Definition of Refuse, garbage, rubbish, sullage, sub soil water, storm water, night soil, sewage- sanitary, domestic & industrial, sewer, sewerage & waste water.	21-08-2025		
	Various drainage & sanitary fixtures & fittings, traps - role of water seal, sizes, materials and their space requirements.	25-08-2025		
	Types of pipes and drains in different materials and their usage, diameter of pipes, slope standards.	26-08-2025		
	Inspection and Intercepting chambers, manholes etc. ASSIGNMENT-I	28-08-2025		
	Sewage and Effluent treatment- Innovative and cost-effective sanitation concepts	01-09-2025		
	Introduction to STP's & ETP's, Design calculations of septic tank & soak pit	02-09-2025		
	Introduction to STP's & ETP's, Design calculations of septic tank & soak pit	04-09-2025		
	Introduction to STP's & ETP's, Design calculations of septic tank & soak pit	08-09-2025		
		09-09-2025		
	Class Test-I			

	Storm water design calculations for roof top & for surface drains, Rainwater Harvesting & Groundwater Recharge	11-09-2025		
	Storm water design calculations for roof top & for surface drains, Rainwater Harvesting & Groundwater Recharge	15-09-2025		
	Storm water design calculations for roof top & for surface drains, Rainwater Harvesting & Groundwater Recharge	16-09-2025		
	Exercise: Design a layout for a residence for water supply, drainage, sewage and storm water.	18-09-2025		
	Exercise: Design a layout for a residence for water supply, drainage, sewage and storm water.	22-09-2025		
	Exercise: Design a layout for a residence for water supply, drainage, sewage and storm water. ASSIGNMENT-II	23-09-2025		
UNIT-III Electrical services	Introduction to Thermal, Mechanical & Electrical energy Electrical distribution systems and safety devices	25-09-2025		
	Types of wiring systems, advantages and disadvantages, safety and precautions,	29-09-2025		
	Types of wiring systems, advantages and disadvantages, safety and precautions,	30-09-2025		
	Types of electrical equipment/fixtures used in a building such as motors, fuses, switchboards, MCB's, ELCB's, fuse units, control	06-10-2025		
	Types of electrical equipment/fixtures used in a building such as motors, fuses, switchboards, MCB's, ELCB's, fuse units, control panels etc.	09-10-2025		
	Class Test-II	13-10-2025		
	Standard symbols for various fixtures as per National Building Code 2016	14-10-2025		
	Exercise: Preparing an electrical layout with all necessary details for a small building/residence	21-10-2025		
	Exercise: Preparing an electrical layout with all necessary details for a small building/residence	23-10-2025		
	Exercise: Preparing an electrical layout with all necessary details for a small building/residence	27-10-2025		
UNIT-IV Illumination & Fire fighting	Exercise: Preparing an electrical layout with all necessary details for a small building/residence	28-10-2025		
	Introduction to Illumination, studies of the same such as various types of artificial lighting. ASSIGNMENT-III	30-10-2025		
	Various Terms in lighting, standards of illumination for illumination levels.	03-11-2025		
	Types of artificial lighting sources, types of luminaries & fixtures	04-11-2025		
	Types of fire and its causes	06-11-2025		
	Firefighting devices (Sprinkler system, Wet riser system,	10-11-2025		
	House Test	11-11-2025		
	House Test	13-11-2025		
	Fire Extinguishers, Fire alarm,	17-11-2025		
	Smoke detectors, various types of fire hydrants	18-11-2025		
	Fire escape modes.	20-11-2025		
	Fire escape modes.	24-11-2025		
	Fire escape modes.	25-11-2025		

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Department of Architecture

LESSON PLAN

Program Name	Architecture Assistantship
Subject Name	PROFESSIONAL ELECTIVE-I (INTERIOR DESIGN)
Subject Code	ARPE – 3006.ii
Semester	Third
Subject Teacher Name	Rajinder Kumar

Evaluation Scheme

Sr. No	Subject Name	Study scheme (Hrs/Week)		Marks in Evaluation Scheme					
				Internal Assessment			External Assessment		
		Th	Pr	Th	Pr	Total	Th	Pr	Total
1	Interior Design	3	-	40	-	40	60	-	100

Reference Books
 Interior Design and Decoration Book by P. Seetharaman.
 India: Decoration, Interiors, Design Book by Henry Wilson.

Course Outcomes (COs)

- CO – 1 The students will be able to enhance their knowledge about the material used in Interior Design.
 CO – 2 The students will be able to understand various design processes associated with interior designing.

Teaching Plan

Chapters	Name of Topic	Proposed Date	Actual Date	Remarks
UNIT-I	Space Analysis of Living Room & Dinning	02-08-2025		
	Space Analysis of Kitchen	04-08-2025		
	Space Analysis of Bedrooms, Children bedrooms	07-08-2025		
	Space Analysis of Toilets (Public, Residential)	11-08-2025		
	Space Analysis of Restaurants/fast foods	14-08-2025		
	Space Analysis of Lobbies/Waiting space	18-08-2025		
	Space Analysis of Office	21-08-2025		
	Space Analysis of Shops	23-08-2025		
UNIT-II	Case Studies of Live projects with respect to circulation, activities, furniture, colour scheme, wall, floor finishes, Electrical fixtures and other items (Paintings, murals, waterfalls etc.)	25-08-2025		
	Houses	28-08-2025		
	Houses	30-08-2025		
	Houses	01-09-2025		
	Offices & Shops	04-09-2025		
	Offices & Shops	06-09-2025		
	Offices & Shops	08-09-2025		
	Class Test-I	11-09-2025		
	Restaurant/Fast Food	15-09-2025		
	Restaurant/Fast Food	18-09-2025		
UNIT-III	Market survey of materials, appropriate uses of materials for wall finishes,	20-09-2025		
	Market survey of materials, appropriate uses of materials for wall finishes,	22-09-2025		
	Market survey of materials, appropriate uses of materials for wall finishes,	25-09-2025		
	Market survey of materials, appropriate uses of materials for wall finishes,	27-09-2025		
	flooring/ceiling and arrangement of electrical fixtures	29-09-2025		
	flooring/ceiling and arrangement of electrical fixtures	04-10-2025		
	flooring/ceiling and arrangement of electrical fixtures	06-10-2025		
	flooring/ceiling and arrangement of electrical fixtures	09-10-2025		
	Class Test-II	13-10-2025		
	other items. Collection of samples and catalogue from market.	23-10-2025		
	other items. Collection of samples and catalogue from market.	25-10-2025		
	other items. Collection of samples and catalogue from market.	27-10-2025		
UNIT-IV	Interior Design of Restaurants, Houses, Offices, Shop (Any one project)	30-10-2025		
	Detailed Plan showing furniture, partition, storage and plants etc.	01-11-2025		
	Elevations	03-11-2025		
	Sectional elevations (wall treatments)	06-11-2025		
	House Test	10-11-2025		
	House Test	13-11-2025		
	Color schemes and one point perspective	15-11-2025		
	Color schemes and one point perspective	17-11-2025		
	False ceiling and electrical layout	20-11-2025		
	False ceiling and electrical layout	22-11-2025		
	False ceiling and electrical layout	24-11-2025		

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