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		library stud					03-08-2025			
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		duplex design priliminary sketch drawings						07-08-2025		
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	FINAL SUBMISSION	01-11-2025) & ((bfb)
	study of various architectural monuments	06-11-2025	limit him to
	drawing of any important building/architectural monument	07-11-2025	Eqb(iq.
	drawing of any important building/architectural monument	13-11-2025	
	drawing of any important building/architectural monument	14-11-2025	15071
	documentation of monuments	15-11-2025	
UNIT-III	documentation of monuments	19-11-2025	
	documentation of monuments	20-11-2025	
	documentation of monuments	21-11-2025	
	documentation of monuments	22-11-2025	
	documentation of monuments	26-11-2025	1 1

Signature of teacher

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Sig. of H.O.D.

Name of Teacher: Ar. Pranav Sharma

Subject: BUILDING MATERIAL & CONSTRUCTION-IILectures/week: 3Semester: III SEM.

Session: AUG - DEC 2025

S. no.	Month	Week	Lecture Planned	Lecture Delivered	Name of Chapter	Contents to be taught	Remarks
		1	3 -	433		Timber as a building material, variety of Indian Timber	
	100	11	7	*	Introduction to the Timber	characteristics and suitability for different uses, defects and decay	
1.	AUGUST	111	4		8	seasoning and preservation, Different types of joints in timber	
	.1	IV	7			Introduction to the Timber doors	
		٧	7				
		VI	1	×	Timbou do a de de de de de de de	Detailed drawing of Battened-Ledged-braced door	
		VII	7	1	Timber door design and its Joinery details	Detailed drawings of Battened-Ledged-Braced-Framed doors	
2.	SEPTEMBER	VIII	7			Detailed drawings of Glazed and panel door	
		IX	7			Detailed drawings of Flush door	
		X	4		Timber window and its	Detailed construction drawings of Casement Window	
		Х	3		joinery details	Detailed drawing of Bay window	
		XI	5		Wooden Staircase	Introduction to the staircase and its different types	
3.	OCTOBER	XII	4			Detailed drawings of wooden staircase	
	00.022.1	XIII	5			Introduction to the nature and characteristics of wood floors	
		XIV	7		Wooden Floors	Wooden floors- ground level and upper level, advantages and limitations of wooden floors	
		XV	7			Basic introduction and various typologies, its advantages & limitations Detailed drawing of Lean to roof	
.	NOVEMBER	XVI	7			House Test	
1.	NOVEMBER	XVII	7		Wooden Roofs	Detailed construction drawing of King Post truss	
	0	XVIII	7			Market survey of manufactured timber products and its applications	

Sign. Of Teacher

Name of Teacher : Hans Raj Subject: BUILDING SERVICES Semester : 3rd Session:Aug-Dec.2025

Month	Week	Date	Name of Chapter	Contents to be taught	Remarks
August	1 st 2 nd 3 rd 4 th	1-7 8-15 16-23 24-31	I- Water Supply	Detailed studies such as Sources and Treatment of water. Water demand & calculations, Storage & conveyance of water at municipal level. Water supply systems and various fittings. Hot and Cold-water supply layouts. Water supply design of a residence: Connection with water mains, design of Underground & Overhead water tanks, pump capacity, calculations for diameter of pipe. Introduction to water supply in a multi-storied building.	
September	1 st 2 nd 3 rd 4 th	1-7 8-15 16-23 24-31	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. Various drainage & sanitary fixtures & fittings, traps - role of water seal, sizes, materials and their space requirements. Types of pipes and drains in different materials and their usage, diameter of pipes, slope standards. Inspection and Intercepting chambers, manholes etc. Sewage and Effluent treatment- Innovative and cost-effective sanitation concepts e.g. Introduction to STP's & ETP's, Design calculations of septic tank & soak pit Storm water design calculations for roof top & for surface drains, Rainwater Harvesting & Groundwater Recharge Exercise: Design a layout for a residence for water supply, drainage, sewage and storm water.	
October	1st 2nd 3rd 4 th	1-7 8-15 16-23 24-31	III- Electrical services	Introduction to Thermal, Mechanical & Electrical energy Electrical distribution systems and safety devices Types of wiring systems, advantages and disadvantages, safety and precautions, Types of electrical equipment/fixtures used in a building such as motors, fuses, switchboards, MCB's, ELCB's, fuse units, control panels etc. Standard symbols for various fixtures as per National Building Code 2016 Exercise: Preparing an electrical layout with all necessary details for a small building/residence	-50
Novmber	1 st 2 nd 3 rd 4th	1-7 8-15 16-23 24-26	IV- Illumination & Fire fighting	the state of the came cuch as various types of	

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Name of Teacher: Ar. Noopur Tandon

Subject: H.O.A. - II

Semester: 3RD Sem.

Session: AUG - DEC 2025

S. no.	Month	Week	Lecture Planned	Lecture Delivered	Name of Chapter	Contents to be taught	Remarks
		1	1			Early Christian, Byzantine	
		11	2		Development of Christian	Romanesque, Gothic,	1
1.	AUGUST	111	2		architecture	Renaissance and Baroque-Rococo	1 3 4
	. 400031	IV ¹	3				1
		V	3			Rise of Islam, Islamic Invasions, political and social conditions in India.	
		VII	3			Slave, Khilji,	1
		VII	2		Rise and Development of Islamic Architecture	Tughlak, Sayyid,	
2.	SEPTEMBER	VIII	3			Lodi Dynasity Mughal art and architecture In India	
		IX:	3			Provincial Architecture of Malwa & Bijapur.	
		Х	2	1.00		Industrial Revolution	
		XI	2		F 1. 60 3. 8	Neo Classicism and	
3.	OCTOBER	XII	1		Architecture in Europe	Neo Gothic Development of Architecture	
	S4	XIII	1			Neo Gothic Development of Architecture	
	S	XIV	2		(a) (b) (c) (d) (d) (d) (d) (d) (d) (d) (d) (d) (d	American Skyscrapers	
		XIV	1			Culture of colonialism British Response to Indian Context,	
	4. NOVEMBER	XV	1		Architecture in Colonial	Culture of colonialism British Response to Indian Context,	
4.		XVI .	3		India	Early British Architecture.	
		XVII	3		9 2	Indo-Saracenic Architecture in India	

Sign. Of Teacher (Norfun Jardon)

Semester: III SEM. Session: AUG - DEC 2025

S. no.	Month	Week	Lecture Planned	Lecture Delivered	Name of Chapter	Contents to be taught	Remarks
		ı	2		Introduction to the subject& geography of the world	Role of climate w.r.t shelter and importance of building climatology	
1.	AUGUST	11	2		Global climatic factors	Latitude, longitude, solar radiation etc.	
		Ш	1		Elements of Climate	Humidity, temperature etc.	1
		IV	3		Classification of Climate	Various dimatic zones of India	1
		٧	3		classification of Chinate	Various climatic zones of India	
		VI	3		Macro and Micro climate	Effect of local factors and landscape elements on site climate	1
		VII	2		Human comfort	Thermal balance of human body and comfort zone	
2.	SEPTEMBER	VIII	3		Principle of thermal design	Heat flow through building envelope, thermal balance equation	
-	-	IX	3		in buildings	Thermo physical properties of building materials like conductivity etc.	
		X	2		Role of sun in building climatology	Apparent movement of the sun, Sun path diagrams and its application, greenhouse effect	
		XI	2			Orientation, internal blinds and curtains, highperformance glasses, taxonomy of shading devices. Solar angles, shadow angles	
3.	OCTOBER	XII	3			Diwali Vacations	
		XIII	3	1	Role of wind in providing	study of diurnal and seasonal variations, heating and cooling, effect of topography, Functions of natural ventilation	
	9	XIV	2		thermal comfort	Supply of fresh air, stack effect, air movement in and around buildings, wind eddies, size andposition, effect of wind on design of buildings.	
	=	XV	1	1	Precipitation	Water-vapor. Relative-humidity, condensation, rain, fog, snow and architectural responses	
4.		XVI	2		Day Lighting	Day-light: glare, amount of light, sky as a source of light and day-light factor, effectof size and shape of openings in different planes with and without obstructions.	
7.	NOVEMBER	XVII	2		Decim Stantania	HOUSETEST & Climate responsive traditional architecture in different climatic zones of India.	1
		XVIII	3		Design Strategies	Example of climate responsive contemporary building projects from India.	
	N. A. C.	XIX	3			Question bank to be provided and discussed with the students	

Sign. Of Teacher

Name of Teacher: Ar. Pranav Sharma

Subject: PE-I (HILL ARCHITECTURE)

Lectures/week: 3

Semester: III SEM.

Session: AUG - DEC 2025

s. no.	Month	Week	Lecture Planned	Lecture Delivered	Name of Chapter	Contents to be taught	Remark
		I Introduction to the sub		Introduction to the subject	Understanding the importance of hill architecture in present scenario	+	
1.	AUGUST	II	3		Historical perspective of hill architecture	Historical perspective of hill architecture and its unique attributes and concerns	
		111 ,	3	v	Major hill settlements in	Understanding the most prominent mountains, hills and its formation throughout the world	
	8	IV	3		various regions of the	Vernacular hill Settlements of North America	
	2. SEPTEMBER	IV ,	3		world.	Traditional hill settlements of South America	
		V	3			Vernacular hill Settlements of Europe and Asia	-
2.		VI	3		Traditional Hill architecture of India	Tarabia Malia Malia	
	*	VII	3			Traditional hill settlements in India. North India, NE India and South India	
		VIII	2		Vernacular hill architecture	Building Types, techniques and materials of vernacular architecture of	
		VIII	1		of Himachal Pradesh.	Himachal Pradesh.	
		IX.	2		Case study	Modern buildings on Hills in India	
3.	OCTOBER	X	3 .			Constraints of climate, topography and availability of materials. Design factors such as access, circulation, gradients, slope analysis, grading and interpolation of contours.	
		XI	2		Basic concepts of designing on hills		
		XII	3		Case study of any Hill	Site visit to a vernacular hill settlement of Himachal Pradesh,	
		XIII	2		settlements in Himachal Pradesh	understanding its time testing indigenous techniques and construction system	
4.	NOVEMBER	XIV	3			HOUSETEST	
	12	ΧV	3		Environmental and	Structural aspects of modern buildings constructed in hilly regions and	
		XVI	3		Ecological concerns	necessary safeguards	

Sign. Of Teacher

Name of Teacher: Ar. Noopur Tandon

Subject: C.A.A.-II

Semester: 3RD Sem.

Session: AUG - DEC 2025

S. no.	Month	Week	Lecture Planned	Lecture Delivered	Name of Chapter	Contents to be taught	Remarks
		1	4	191		Introduction to 2-D Drawing Software, Familiarizing the interface Inside the drawing editor, Commands in the menus (Tool bars)	
	ALICHET	II	4		Creating folders and sub folders	Accessing Commands, Settings necessary for drafting, Understanding UCS, Folders for organizing drawings and files	
1.	AUGUST	111	4			Creating and Saving a new Drawing & Commands and options to create new drawings:-	
		IV	4		Setting up a new drawing with units, limits etc.	Units, Limits, Snap, Grid, Ortho 2.3 Application of layers 2.4 Open a new, existing drawing 2.5 Save, save as, quit, close, exit	
		٧	4		Modifying composition	Drafting Commands:-	
		VII	4		made in section	-Keyboard shortcuts for various commands, Commands for Function Keys, Adding Text, Leader, Multi-Leader	
,	SEPTEMBER	VII	4		Making plan, elevation and section of simple building.	Viewing an Existing Drawing 4.1 Zoom, Pan, Redraw and Regen all Exercise: Viewing, zooming of existing drawing made in section	
2.	SEPTEMBER	VII	4	,		Modifying an Existing Drawing:- Undo Redo/Oops, Trim, Move, Offset, Rotate, Array, Stretch, Divide, Erase, Break, Copy, Mirror (Mirror test), Change (change properties), Extend, Explode, Blip mode, Scale, Fillet, 3 Reference Rotate, Scale-Feet Drawing féet to mm	
	,	IX.	2			Making & Inserting Blocks:- Blocks, Insert block, W-block, X-ref	
		Х	4		Inserting furniture, fixtures, trees etc. in the plans,	Understanding Layout features:- Generating Layout, Viewport Formatting in Layout	
3.	OCTOBER	XI	2		sections and elevations		
		XII	2			Dimensioning	
		XIII	4				
		XIV	2		F *		
		XV	4	-	Creating viewport of plans,	Plotting Drawings	
4.	NOVEMBER	XVI	4		sections and elevations made in model space	Exporting the file	-
	10	XVII	2	4			

Sign Of Teacher

(Noopur Jandon)

Name of Teacher : Hans Raj Subject: SEMINAR - Semester : 3rd Session:Aug-Dec.2025

Month	Week	Date	Name of Chapter	Contents to be taught	Remarks
August	1 st 2 nd 3 rd 4 th	1-7 8-15 16-23 24-31	I- Water Supply	To improve the communication skills; students are required to present seminar on any relevant topic covered in the semester.	30
	=		- A 1 2 *		
September	1 st 2 nd 3 rd 4 th	1-7 8-15 16-23 . 24-31	II- Wastewater and Solid Waste management	The focus should be on innovative things being carried out in the world, in the field of Architecture.	
October	1st 2nd 3rd 4 th	1-7 8-15 16-23 24-31	III- Electrical services	The activity may be performed individually or in a group as decided by the concerned faculty.	
Novmber	1 st 2 nd 3 rd 4th	1-7 8-15 16-23 24-26	IV- Illumination & Fire fighting	Presentations shall be made by students to explain the contents. Seminars may be conducted for the relevant topics of the subjects pertaining to 3rd semester.	

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