Teaching Schedule Per Week			Progressive			Examination Schedule (Marks)						
Lectures	Practical	Credit	Assessment		Theory			Practical Ex.		Total		
2	4	6	25	25	3 H	Hrs 100		50		200		
Pre-requisite Source 2060 & 4521 ARC		Source		Th	eory	Test	Total	TW	PR	Gr To	tal	
		ARC	Semeste	r	15	25	100	50	_	150		
will be . FOUND		single volur	ne, simple	structu	re like	a garag	ge, stora	ring cha ge-shec	ipters l etc.	×	R	
	R.C.C. iso			ting of	vario	us shap	es.			12	12	
.C.C colur	INTRODU			ents, V	arious	shapes	and de:	signs.		3.	4	
	ule above.											

HUMAN RESOURCE & CURRICULUM DEVELOPMENT CELL, DIRECTORATE OF TECHNICAL EDUCATION

3. OPENINGS Terminology, Types of openings a) door b) windows. Location and size of openings. Detailing of door and window-frames and its fixing to the wall and columns Detailing of simple doors and windows, in wood, Steel and glass using any one and combination of materials. Finer detailing rebates, moulding and other joinery. Choice of materials	24	20
the shader I induces and lastenings		
4. FLOORS Detailing of fixing and laying of different types of flooring materials like mud, bricks, IPS, stone, terracotta, ceramic, cement tiles, timber, linoleum, Choice of flooring materials for different uses	16	16
 5. ROOFS Terminology, Types – sloping and flat roofs, Classification based on material specifications of timber roof, R.C.C. roof, and steel roof, Detailing of Timber roof R.C.C. roof – sloping and flat. Steel roof – for various spans, Joining details of all components. Different types of roofing materials, Their specifications and fixing details, Choice of roof type and truss type for various spans 	26	32
6. ADVANCED ROOFING Introduction to advanced roof types in R.C.C. & Steel for large span structures, e.g. Waffle slab, shell structures, and tension structures, folded plates, domes in R.C.C. & Steel.	6	8
Total	32	100

20

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- PRACTICALS:
 1 sheet full imperial on topic under Sr. No. 1
 2 I sheet full imperial on topic under Sr. No. 2
 3 sheet full imperial on topic under Sr. No. 3
 4 sheet full imperial on topic under Sr. No. 4
 5 sheet full imperial on topic under Sr. No. 5
 6 Small portfolio of ¼ imperial on topic under Sr. No. 6
 REFERENCE BOOKS:
 1 Building construction
 2 Building construction
 3 Building construction

