class test	Day-2	
4.3 Characteristics of good timber. 4.3 Clay products and refractory materials – Definition and	Day-2	
4.2 Seasoning of timber – Importance	October-3rd week-Day-1	
4.1 Timber: Classification and Structure of timber	October-2nd week-Day-3	
4 Other Construction Materials		October-2nd week October-3rd week
3.6 Concrete: Definition and composition- Water cement ratio- Workability, mechanical properties and grading of aggregates, mixing, placing, compacting and curing of concrete.	8	
3.5 Use of gravel, morrum and fly ash as different building material	Day-2	
3.3 Mortar: Definition and types of mortar	October-2nd week-Day-1	
3.2 Importance and application of blended cement with fly ash and blast furnace slag	Day-3	×
3.1 Cement: Types of cements, Properties of cements, Manufacturing of cemen	October-1st week-Day-1	
3 Cement, Mortar and Concrete t .	3	October-1st week October-2nd week
2.3 Classification of bricks, size of traditional and modular bricks, qualities of good building bricks	October-1st week-Day-2	
2.2 Brick making — Preparation of brick earth, Moulding, Drying, Burning in kilns (continuous Process)	Day-3	2
2.1 Brick earth – its composition	September-4th week-Day-1,2	
2 Bricks		September-4th week October-1st week
1.4 Characteristics of different types of stone and their uses	Day-3	
1.3 Dressing of stone		
1.2 Qualities of good building stone,		
1.1 Classification of rock, uses of stone, natural bed of stone	Day-2	
1 Stone	September-3rd week-Day-1	September-3rd week
PART :A (BUILDING MATERIALS)		
Theory Topics	Class Day	Week
Semester From Date: 15/9/22 To Date:22/12/22	No. of Days per Week Class Alloted-3	Subjct-BMCT
Name of the Teaching Faculty:SHREYAS PRADHAN	SEMESTER:3RD	DISCIPLINECIVIL
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3.7 Stone Masonry		
3.6 Bond – meaning and necessity: English bond for 1and 1-1/2 Brick thick walls. T, X and right angled corner junctions. Thickness for 1and 1-1/2 brick square pillars in English bond	November-2nd week-Day-1	, e a
		18
3.4 Partition Walls : Suitability and uses of brick and wooden partition walls		
3.3 Classification of walls as per materials of construction: brick, stone, reinforced brick, reinforced concrete, precast, hollow and solid concrete block and composite masonry walls (Concept Only).	Day-3	
3.2 Classification of walls — load bearing, non-load bearing walls, retaining walls		, ¥
: 3.1 Purpose of walls . :	November-1st week-Day-1	
3 Walls & Masonry Works	. e.	November-1st week November-2nd week
2.4 Deep foundations: Pile foundations-their suitability, classification of piles based on materials, function and method of installation	November-1st week-Day-2	
2.3 Shallow foundation-constructional details of : Spread foundations for walls, thumb rules for depth and width of foundation and thickness of concrete block	Day-3	
2.2 Types of foundations — shallow and deep		
2.1 Concept of foundation and its purpose	October-5th week-Day-2	
2 Foundations .		October-5th week November-1st week
1.3Site investigation – objectives, site reconnaissance and exploratio		
1.2 Different components of a building.	-39	8
1.1Buildings and classification of buildings based on occupancy	October-5th week-Day-1	·e
1 Introduction		October-5th week
PART: B (CONSTRUCTIONS TECHNOLOGY)		
5.2Types and uses of surface protective materials like Paints, Enamels, Varnishes, Distempers, Emulsion, French polish and Wax Polish.	Day-2,3	
5.1Composition of Paints, enamels, varnishes	October-4th week-Day-1	
5 Surface Protective Materials .		October-4thweek
4:5 Iron and Steel: Uses of cast iron; wrought iron, mild steel and tor steel		
4.4 Properties and uses of refractory materials- tiles, terracotta, porcelain glazing	Day-3	
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$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	November-2nd week-Day-2 November-3rd week-Day-1 November-3rd week-Day-1 Day-2 Day-3 November-4th week-Day-1 November-5th week-Day-2

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December-1st week December-1st week-Day-2 December-1st week-Day-1 7.4 Types of energy audit, Response energy audit questionnaire

November-5th week-Day-3

7.2 Introduction to Energy Management and Energy Audit of Buildings

7.1 Concept of green building

7.3 Aims of energy management of buildings

7.5 Energy surveying and audit report.

Class Test

Shuyon Tradham
Shuyon Fradham