



Regn Tm: 2607298

BRIDGE REGISTER
L
DEPARTMENT OF CIVIL ENGG.
BDSE, BRAJRAJNAGAR
SEMESTER: ^{1st, 2nd/4th} SEMESTER
SESSION-2018-19
NAME OF FACULTY:- SJ. ROSY TIRKEY

Premium

Quality Notebook

- Bright and Fine Quality Paper
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Executive

LONG BOUND EXERCISE BOOK

Discipline.	Civil.	Semester	3rd	Name of the teaching faculty	ST. Rose Dinkay
Subject	Building materials & Construction Technology	No. of days / per week class allotted	05	Semester from date to date	1st of September 14, 2020 - 05 March, 15, 2021
Week	Class / day	Theory / Practical topics.			
1st October (1-3)	4th	Mortar			
	5th	_____			
	6th	Source and classification of sand, bulking of sand.			
2nd October (5-10)	1st	Use of gravel, morum and fly ash.			
	2nd	Concrete - Definition and composition, water cement ratio, workability.			
	3rd	Mechanical properties and grading of aggregates, mixing, placing, compacting and curing of concrete.			
	4th	Composition of paints, enamels, varnishes.			
	5th	<u>Surface protective material</u>			
	6th	Paints enamels, Varnishes.			
3rd October (12-17)	1st	Distempers, Emulsion, French polish and wax polish.			
	2nd	<u>Other construction material</u> Part B (to Timber): Classification and structure of timber.			

1st Brick :- Brick earth

4th

September
(21-26)

2nd

Brick earth

3rd

Brick making

4th

Brick making

5th

6th

Classification of bricks.

5th

September
(28-30)

1st

Size of traditional and modular bricks, qualities of good building bricks

2nd

Cement, Properties of Cement, manufacturing of cement

3rd

Importance and application

2nd	Measuring of timber - Importance.	Discipline	Civil.	Semester	End	Name of the teaching faculty	St. Paul Tiruch
4th	Measuring of timber - Importance.	Subject	Building materials and construction Technology.	no. of days / per week allocated	05	Semester from date to date	no. of months September, 14 2019 March, 15, 2021
5th	—	Week	Class/day	Theory / practical Topics			
6th	Characteristics of good timber.	1st	1st	Site investigation - objectives, site selection and explorations.			
1st	Many products and refractory materials refinement and classification.	2nd	2nd	Foundations :- Concept of foundation and its purpose, types of foundations.			
2nd	Properties and uses of refractory materials - tiles, terracotta, porcelain glazing.	3rd	3rd	Skullons foundation - constructional details			
3rd	Iron and steel : Uses of cast iron, manganese iron, mild steel and tor steel.	4th	4th	Deep foundation -			
4th	Part B : (Construction Technology) Introduction.	5th	5th	—			
5th	DURG A PUTA HOLIDAY	6th	6th	Deep foundation.			
6th	—	1st	1st	Wall & Masonry works :- Purpose of walls.			
1st	—	2nd	2nd	Classification of walls - load bearing, non load bearing classification of walls as per materials of construction.			
2nd	Buildings and classification of buildings based on occupancy.	3rd	3rd	Classification of walls as per materials of construction.			
3rd	Different components of a building.	4th	4th	Partition walls.			
4th	—	5th	5th	—			
5th	HOLIDAY	6th	6th	Brick masonry.			
6th	HOLIDAY	1st	1st	Band, stone masonry.			
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3rd	Seasoning of timber - Importance.
4th	Seasoning of timber - Importance.
5th	—
6th	Characteristics of good timber.
1st	Raw products and preparatory materials
(19-24)	Definition and classification.
2nd	Properties and uses of preparatory materials - tiles, terracotta, porcelain glazing.
3rd	Iron and steel: Uses of cast iron, wrought iron, mild steel and tin steel.
4th	Part B: (Construction Technology)
5th	Introduction.
6th	DURGA PUJA HOLIDAY
1st	—
2nd	—
(26-31)	Buildings and classification of buildings based on occupancy.
4th	Different components of a building.
5th	HOLIDAY
6th	HOLIDAY

Discipline	Civil.	Semester	2nd	Name of the teaching faculty	St. Roly
Subject	Building materials and construction Technology.	no. of days / per week allocated	05	Semester from date to date	no. of weeks
Week	Classday	Theory / practical Topics		September 14, 2020	05
1st	1st	Site investigation - objectives, site reconnaissance and explanations.		March, 15, 2021	
2nd	2nd	Foundations: - Concept of foundation and its purpose, types of foundations.			
3rd	3rd	Shallow foundations - construction details.			
4th	4th	Deep foundations -			
5th	5th	—			
6th	6th	Deep foundation.			
1st	1st	Wall & Masonry works: - Purpose of walls.			
2nd	2nd	Classification of walls - load bearing, non-load bearing, etc.			
3rd	3rd	Classification of walls as per materials of construction.			
4th	4th	Classification of walls as per materials of construction.			
5th	5th	Partition walls.			
6th	6th	Build masonry.			
1st	1st	Bond, stone masonry.			

Glossary of terms:-

2nd	String course, corbel, cornice, block in course
2nd	guttering, muntings, transoms thrusting in
4th	Beams, windows and sills :- terms
4th	used in doors and windows
6th	Beams - different types of doors
4th	Windows - different types of windows
1st	HOLIDAY
2nd	Stairs, Rops and stairs :- glossary of
2nd	term.
4th	Rops :- glossary of terms
4th	stairs :- glossary of terms
6th	Various types of stair case :- straight flight,
6th	dog-legged, open well, quarter turn, half turn
5th	
1st	HOLIDAY
(30)	

Discipline	Level	Semester	2nd	Name of the	51-Pay
Building	Building	Building	Building	Building	Building
Subject	Subject	Subject	Subject	Subject	Subject
and consist	and consist	and consist	and consist	and consist	and consist
week	week	week	week	week	week
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Energy: Surveying and audit report

Discipline	Civil	Semester	End	Name of the	85. Day
Subject	Building materials and construction technology	No. of days per week class attended	05	Semester from date to date	No. of weeks
Week	Class/day	Theory / practical topics		September 14, 2020	0.5
1st	1st			November 15, 2021	
January (4-9)	2nd	Revision			
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January (11-16)	1st				
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January (18-23)	1st				
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January (25-30)	1st				
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Signature

Signature

Discipline	Civil	Semester	2nd	Name of the ST. Pay
				Teaching faculty
				Ranking
Subject	Building material and Construction Technology	No. of days / per week class allotted	05	Semester from date to date
				September, 2020
				March, 2021
				05 weeks
Week	Class / day	Theory / practical topics		
1st	1st	}		
February	2nd			
(1-6)	3rd		Revision	
	4th	}		
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2nd	1st	}		
February	2nd		Revision	
(8-13)	3rd			
	4th	}		
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3rd	1st	}		
February	2nd		Revision	
(15-20)	3rd			
	4th	}		
	5th			
	6th			
4th	1st	}		
February	2nd		Revision	
(22-27)	3rd			
	4th	}		
	5th			
	6th			

Discipline	Civil	Semester	3rd	Name of the ST. Pay
				Teaching faculty
				Ranking
Subject	Building material and Construction Technology	No. of days / per week class allotted	05	Semester from date to date
				September, 2020
				March, 2021
				05 weeks
Week	Class / day	Theory / practical topics		
1st	1st	}		
March	2nd			
(1-4)	3rd		Revision	
	4th	}		
	5th			