



TRADE MARK

LIONTM

Teacher's Lesson Note

BMCT

SSIT POLYTECHNIC

3rd SEM . 2024 WINTER
CIVIL ENGG.



TEACHERS

Date	Period	Class	Subject	Topic (Concept)	Sub-Topic (Sub-Concept)	Learning Activities to be taken up	Time to be taken
1	2	3	4	5	6	7	8
04-07-24	1		Building material and construction Technology	Stone	classification of rock and uses of stone.	Introduction of rock, detailed study about classification of rock and different uses of stone for engineering purpose.	
06-07-24	2			Stone	natural Bed of stone	Detailed study about classification of stone and different use of stone	
09-07-24	3			Stone	Qualities of good building stone	Detailed study about	
10-07-24	4			Stone	Dressing of stone	Detailed study about classification of Dressing of stone.	

LESSON NOTE

Evaluative Questions	Expected learning outcome	Project work to be assigned	Signature of the Teacher	Signature of the Headmaster	Remarks
9	10	11	12	13	14
what is rock ? classification of rock ? what are the uses of rock ? what is stone ? classification of stone ? what are the use of stone ? Describe qualities of good building stone ? Write down Different types of stone ?			Puspa 4-7-24 Puspa 6/7/24 Puspa 9/7/24 Puspa 10/7/24	P. Jyoti 11.07.24	

Date	Period	Class	Subject	Topic (Concept)	Sub-Topic (Sub-Concept)	Learning Activities to be taken up	TLM to be used
1	2	3	4	5	6	7	8
11-07-24	5		Buildi ng. mate rial. and constru ction techno- logy	stone	Characteri stics of different types of stone and their uses.	Detailed study about	
03-08-24	6			Bricks	Brick earth - its compo sition.	Introduction of Bricks. detailed study about classification of Bricks and different uses of Bricks.	
06-08-24	7			Bricks	Brick making prepara tion of brick earth.	Detailed study about	

LESSON NOTE

Evaluative Questions	Expected learning outcome	Project work to be assigned	Signature of the Teacher	Signature of the Headmaster	Remarks
9	10	11	12	13	14
uses of stone for Engineering purpose ?			Puspa 11/7/24		
What is Bricks?				Pravin 24/10/24	
Classification of Bricks?			Puspa 3/8/24		
				Pravin 01.08/24	
What are use of Bricks?			Puspa 6/8/24		

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Date	Period	Class	Subject	Topic (Concept)	Sub-Topic (Sub-Concept)	Learning Activities to be taken up	TLM to be used
1	2	3	4	5	6	7	8
10-08-24	8		Building material and construction technology.	Bricks	Moulding Drying Burning in kilns	Classification of Burning in kilns	
20-08-24	9			Bricks	Classification of bricks size of traditional.	Detailed study of about Bricks size.	
22-08-24	10			Bricks	modular bricks. qualities of good building bricks.	Detailed Study about of Brick and building brick.	

LESSON NOTE

Evaluative Questions	Expected learning outcome	Project work to be assigned	Signature of the Teacher	Signature of the Headmaster	Remarks
9	10	11	12	13	14
Write down the process of manufacturing bricks the following four districts?			Puspa 10/8/24		
What is a brick in detail?			Puspa 20/8/24	Di jayini 14/8/24	
What is the detailed description of bricks.			Puspa 22/8/24		

TEACHERS

Date	Period	Class	Subject	Topic (Concept)	Sub-Topic (Sub-Concept)	Learning Activities to be taken up	TLM to be used
1	2	3	4	5	6	7	8
24-08-24	11		Building material and construction technology	cement mortar and concrete manufacturing of cement	cement types of cements properties of cements.	classification of cement or types of cement.	
29-08-24	12				importance and application of blended cement with fly ash and blast furnace slag.	Detailed study about of topic	

LESSON NOTE

Evaluative Questions	Expected learning outcome	Project work to be assigned	Signature of the Teacher	Signature of the Headmaster	Remarks
9	10	11	12	13	14
what is the classification of cement?			<i>[Signature]</i> 24/8/24	<i>[Signature]</i> 25/8/24	
			<i>[Signature]</i> 29/8/24		

TEACHERS

Date	Period	Class	Subject	Topic (Concept)	Sub-Topic (Sub-Concept)	Learning Activities to be taken up	TLM to be used
1	2	3	4	5	6	7	8
2-9-24	13		Building material and construction technology	cement mortar and concrete.	mortar Definition and types of mortar	Classification of mortar. types of mortar.	
4-9-24	14			cement mortar and concrete.	Sources and classification of sand Bricking of sand.	types of sand or classification of sand.	
12-9-24	15			cement mortar and concrete	Use of gravel, morrum and fly ash as different building material.	Detail of study about	

LESSON NOTE

Evaluative Questions	Expected learning outcome	Project work to be assigned	Signature of the Teacher	Signature of the Headmaster	Remarks
9	10	11	12	13	14
1. What is the importance of the study of the life of a person? 2. How does the study of the life of a person help us to understand the human mind? 3. What are the different types of people? 4. How do we know who we are? 5. What are the different ways of knowing who we are? 6. How do we know who we are? 7. What are the different ways of knowing who we are? 8. How do we know who we are? 9. What are the different ways of knowing who we are? 10. How do we know who we are?	1. To understand the human mind. 2. To understand the human mind. 3. To understand the human mind. 4. To understand the human mind. 5. To understand the human mind. 6. To understand the human mind. 7. To understand the human mind. 8. To understand the human mind. 9. To understand the human mind. 10. To understand the human mind.	1. To understand the human mind. 2. To understand the human mind. 3. To understand the human mind. 4. To understand the human mind. 5. To understand the human mind. 6. To understand the human mind. 7. To understand the human mind. 8. To understand the human mind. 9. To understand the human mind. 10. To understand the human mind.	1. To understand the human mind. 2. To understand the human mind. 3. To understand the human mind. 4. To understand the human mind. 5. To understand the human mind. 6. To understand the human mind. 7. To understand the human mind. 8. To understand the human mind. 9. To understand the human mind. 10. To understand the human mind.	1. To understand the human mind. 2. To understand the human mind. 3. To understand the human mind. 4. To understand the human mind. 5. To understand the human mind. 6. To understand the human mind. 7. To understand the human mind. 8. To understand the human mind. 9. To understand the human mind. 10. To understand the human mind.	1. To understand the human mind. 2. To understand the human mind. 3. To understand the human mind. 4. To understand the human mind. 5. To understand the human mind. 6. To understand the human mind. 7. To understand the human mind. 8. To understand the human mind. 9. To understand the human mind. 10. To understand the human mind.

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Date	Period	Class	Subject	Topic (Concept)	Sub-Topic (Sub-Concept)	Learning Activities to be taken up	TLM to be used
1	2	3	4	5	6	7	8
16-9-24	16		Building material construction technology	cement mortar and concrete	concrete Definition and composition water cement ratio workability mechanical properties	Detailed study about	
21-9-24	17			Cement mortar and concrete	Grading of aggregates maximum placing compaction and curing of concrete	classification of grading of aggregates types of cement	

LESSON NOTE

Evaluative Questions	Expected learning outcome	Project work to be assigned	Signature of the Teacher	Signature of the Headmaster	Remarks
9	10	11	12	13	14
1. What is the difference between a project and a task? 2. How can a project be used to teach a concept? 3. What are the steps in a project? 4. How can a project be used to assess a student's understanding of a concept? 5. What are the benefits of using projects in the classroom?	1. To understand the difference between a project and a task. 2. To understand how a project can be used to teach a concept. 3. To understand the steps in a project. 4. To understand how a project can be used to assess a student's understanding of a concept. 5. To understand the benefits of using projects in the classroom.	1. To understand the difference between a project and a task. 2. To understand how a project can be used to teach a concept. 3. To understand the steps in a project. 4. To understand how a project can be used to assess a student's understanding of a concept. 5. To understand the benefits of using projects in the classroom.	Jusada 16/9/24	Dijon 23/9/24	1. To understand the difference between a project and a task. 2. To understand how a project can be used to teach a concept. 3. To understand the steps in a project. 4. To understand how a project can be used to assess a student's understanding of a concept. 5. To understand the benefits of using projects in the classroom.
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TEACHERS

Date	Period	Class	Subject	Topic (Concept)	Sub-Topic (Sub-Concept)	Learning Activities to be taken up	TLM to be used
1	2	3	4	5	6	7	8
01-10-24	18		Buildi ng mate rial and constru ction Techno logy	cement mortare and concrete	Timbere classifica tion	Classification of Timbere	
07-10-24	19			cement mortare and concrete	structure of Timber	Details study of Timber	
14-10-24	20			cement mortare and concrete	Seasoning of timbe re impo- rtant	classification on of sea- soning.	

LESSON NOTE

Evaluative Questions	Expected learning outcome	Project work to be assigned	Signature of the Teacher	Signature of the Headmaster	Remarks
9	10	11	12	13	14
(i) what is the classification of Timber?			Jusola 7/10/24		
(ii) what are the 3 categories of timber?				Dijonin 03.10.24	
(i) What are the 5 classification of wood?			Jusola 7/10/24		
(ii) what are 2 types of timber?					
(i) what is the seasoning of timber and use?			Jusola 19/10/24		
(ii) what are method of seasoning?					

TEACHERS

Date	Period	Class	Subject	Topic (Concept)	Sub-Topic (Sub-Concept)	Learning Activities to be taken up	TLM to be used
1	2	3	4	5	6	7	8
21-10-24	21		Building material and construction Technology	cement mortar and concrete	characteristic of good Timber	Classification of Timber	
26-10-24	22			cement mortar and concrete	clay products and refractory materials definition and classification	Detail Study of about	

LESSON NOTE

Evaluative Questions	Expected learning outcome	Project work to be assigned	Signature of the Teacher	Signature of the Headmaster	Remarks
9	10	11	12	13	14
(i) what are the characteristic of a good timber? (ii) what makes timbers good? (iii) How can you tell good quality timbers?	1. To identify the different types of timber. 2. To understand the properties of different types of timber. 3. To know the uses of different types of timber.	1. To identify the different types of timber. 2. To understand the properties of different types of timber. 3. To know the uses of different types of timber.	<i>Justina</i> 21/11/24		
(i) what product are made of clay?	1. To identify the different types of clay. 2. To understand the properties of different types of clay. 3. To know the uses of different types of clay.	1. To identify the different types of clay. 2. To understand the properties of different types of clay. 3. To know the uses of different types of clay.	<i>Justina</i> 26/11/24		
(ii) what is the use of clay product?	1. To identify the different types of clay. 2. To understand the properties of different types of clay. 3. To know the uses of different types of clay.	1. To identify the different types of clay. 2. To understand the properties of different types of clay. 3. To know the uses of different types of clay.			

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Date	Period	Class	Subject	Topic (Concept)	Sub-Topic (Sub-Concept)	Learning Activities to be taken up	TLM to be used
1	2	3	4	5	6	7	8
29-10-24	23		Building material and construction Technology	properties and uses of refractory materials & tiles. terracotta, porcelain glazing.	Refraction of materials	classification of Refraction of materials.	
2-11-24	24			cement mortar and concrete	Iron and Steel. uses of cast iron wrought iron, mild steel and fore steel.	Details Study about of Iron and Steel.	

LESSON NOTE

Evaluative Questions	Expected learning outcome	Project work to be assigned	Signature of the Teacher	Signature of the Headmaster	Remarks
9	10	11	12	13	14
(i) what materials is use in re frac tory ? (ii) what are the basic of refra ctory. (iii) why steel is strong ere than iron ? (iv) what is iron and steel used for ?	Explain the use of refractory materials in the steel industry. Explain the basic of refractory. Explain why steel is stronger than iron. Explain what is iron and steel used for.	Project work to be assigned. Project work to be assigned. Project work to be assigned. Project work to be assigned.	<i>[Signature]</i> 29/10/24 <i>[Signature]</i> 29/11/24	<i>[Signature]</i> 29/11/24	Remarks

TEACHERS

Date	Period	Class	Subject	Topic (Concept)	Sub-Topic (Sub-Concept)	Learning Activities to be taken up	TLM to be used
1	2	3	4	5	6	7	8
7-11-24	95		Building material and construction Technology	Surface protective materials.	composition of paints	Study of about composition.	
13-11-24	96			Surface protective materials	composition of enamels varnishes	classification of enamels varnishes	

LESSON NOTE

Evaluative Questions	Expected learning outcome	Project work to be assigned	Signature of the Teacher	Signature of the Headmaster	Remarks
9	10	11	12	13	14
(i) What is surface protection of materials?			<i>[Signature]</i> 7/11/24		
(ii) What is the composition of paint and varnishes?					
(iii) What is the main ingredient of paint?			<i>[Signature]</i> 13/11/24	<i>[Signature]</i> 12/11/24	

Sl. No.	Subject	Topic	Sub-Topic	Learning Activities to be taken up	T.M. to be used
1	Guidi: in make materials and construction Technology	Surface protective materials	Types and use of surface protective materials like paints.	Types of use and Surface	
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Sl. No.	Evaluative Questions	Expected learning outcome	Project work to be assigned	Signature of the Teacher	Signature of the Headmaster	Remarks
1	(a) What is Surface protective materials?					
2	(b) What materials are use in protective coating?					
3	(c) What is the Principle of emulsion?					
4	(d) What is the chemical for emulsion?					
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LESSON NOTE

Evaluative Questions	Expected learning outcome	Project work to be assigned	Signature of the Teacher	Signature of the Headmaster	Remarks
9	10	11	12	13	14

LESSON NOTE

Evaluative Questions	Expected learning outcome	Project work to be assigned	Signature of the Teacher	Signature of the Headmaster	Remarks
9	10	11	12	13	14

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Date	Page	Sl. No.	Subject	Topic (Concept)	Sub-Topic (Sub-Concept)	Learning Activities to be taken up	Time to be used
4-12-24	31	3	Building materials and construction Technology	Introduction of construction Technologies	Building and classification of building based on occupancy	Classification of building and based on occupancy	11M
4-12-24	32	3	Building materials and construction Technology	Introduction of construction Technologies	Building and classification of building based on occupancy	Classification of building and based on occupancy	11M
4-12-24	33	3	Building materials and construction Technology	Introduction of construction Technologies	Building and classification of building based on occupancy	Classification of building and based on occupancy	11M

LESSON NOTE

Evaluative Questions	Expected learning outcomes	Project work to be assigned	Signature of the Teacher	Signature of the Headmaster	Remarks
9					
(i) What are the classification of building?					
(ii) Types of building?					
(i) What is site?					
(ii) Explain the site reconnaissance and explorations?					

TEACHERS

Date	Period	Class	Subject	Topic (Concept)	Sub-Topic (Sub-Concept)	Learning Activities to be taken up	TLM to be used
1	2	3	4	5	6	7	8
12-12-19	32		Guiding material and Construction Technology	Foundations	Concept of foundation and its purpose.	Types of purpose	
				Foundations	Types of foundation, shallow and Deep	Describe the shallow and Deep foundation.	

LESSON NOTE

Evaluative Questions	Expected learning outcome	Project work to be assigned	Signature of the Teacher	Signature of the Headmaster	Remarks
9	10	11	12	13	14
(i) What are the main purposes of foundation?					
(ii) What are the objective of foundation?					
(i) What are the types of foundation?					
(ii) What is shallow foundations?					
(iii) What is Deep foundation?					

LESSON MORE

Evaluative Questions	Expected learning outcomes	Present work to be completed	Integration of this activity	Completion of this activity	Reviewed
9	10	11	12	13	14
(i) what is the principle of shallow foundation (ii) Types of shallow foundation? (iii) what is the reasons of shallow foundation?					

Evaluative Questions	Expected learning outcome	Project work to be assigned	Signature of the Teacher	Signature of the Headmaster	Remarks
(i) what are the types of Deep foundation? (ii) where the shallow foundation use? (iii) Types of Deep foundation.					

Date	Period	Class	Subject	Topic (Concept)	Sub Topic (Sub-Concept)	Learning Activities to be taken up	TLM to be used
18/12/24	37		Building and masonry works and Constn Tech on Logy	Walls and masonry works	Purpose of walls classification of walls load bearing non-load bearing walls. retaining wall.	Details about of wall	
	38			Walls and masonry works	Classification of wall as permanent materials of construction brick, stone,		

LESSON NOTE

Evaluative Questions	Expected learning outcome	Project work to be assigned	Signature of the Teacher	Signature of the Headmaster	Remarks
9	10	11	12	13	14
(i) what are the main purpose of walls?			18/12/24		
(ii) what is the need of wall?			18/12/24		

TEACHERS

Case	Period	Day	Subject	Topic (Concept)	Sub-Topic (Sub-Concept)	Learning Activities to be taken up	TLM to be used
1	2	3	4	5	6	7	8
			Building materials and construction Technology		reinforced brick, reinforced concrete precast hollow and solid concrete block and composite masonry typewalls	classification of wall, Brick wooden	
					Suitability of brick and wooden partition walls.		

LESSON NOTE

Evaluative Questions	Expected learning outcomes	Project work to be assigned	Signature of the Teacher	Signature of the Headmaster	Remarks
9	10	11	12	13	14
(i) How do you need brick?					
(ii) How are bricks used today?					

Date	Period	Class	Subject	Topic (Concept)	Sub-Topic (Sub-Concept)	Learning Activities to be taken up	TLM to be used
1	2	3	4	5	6	7	8
12-2-22	39		Buildings and construction Technology	walls and masonry work	Brick masonry or stone masonry	Details Study about	
12-2-22	40			walls and masonry work	Glossary of terms of string course corbel cornice block-in course gutting moulding templates projecting through stone	Classification of Glossary of terms.	

Evaluative Questions	Expected learning outcome	Project work to be assigned	Signature of the teacher	Signature of the Headmaster	Remarks
9	10	11	12	13	14
(i) What is the basic of brick masonry					
(ii) What types of masonry is bricks					
(i) What is the basic glossary of terms?					
(ii) What is an example of a glossary of terms.					

Date	Period	Class	Subject	Topic (Concept)	Sub-Topic (Sub-Concept)	Learning Activities to be taken up	TLM to be used
21-12-24	49		Building materials and construction Technology	Doors, windows and lintels	Doors - Different types of doors	Describe the Doors.	
21-12-24	43			Doors windows and lintels	windows different types of windows	about the windows	
22-12-24	44			Doors windows and lintels	purpose of use of and lintels		

Evaluative Questions	Expected learning outcome	Project work to be assigned	Signature of the Teacher	Signature of the Headmaster	Remarks
9	10	11	12	13	14
(i) what are doors used for?					
(ii) what is the function of Door?					
(i) what is the basic windows?					
(ii) what windows is used for?					
(i) what is the purpose of lintel?					
(ii) what are lintels made of?					

TEACHERS

LESSON NOTE

Date	Period	Class	Subject	Topic (Concept)	Sub-Topic (Sub-Concept)	Learning Activities to be taken up	TLM to be used
1	2	3	4	5	6	7	8
25-12-15			Building materials and construction technology	Floors, Roofs and stairs.	Floors, Glossary of terms types of floor finishes cast-in situ concrete flooring terrazzo tile floor ring, cast in situ Perceze flooring timbered flooring	Detailed study about	

Evaluative Questions	Expected learning outcome	Project work to be assigned	Signature of the Teacher	Signature of the Headmaster	Remarks
9	10	11	12	13	14
(i) what is floor? (ii) what is floor based puzzles? (iii) what is box based puzzles?					

25/12/15
Teacher's Signature

Date	Period	Class	Subject	Topic (Concept)	Sub-Topic (Sub-Concept)	Learning Activities to be taken up	TLM to be used
26/12/24	1/46	3	Building materials and construction Technology	Floors, Roofs and Stairs	Roofs	Classification of Roofs	
26/12/24	4/46	3		Floors, Roofs and Stairs	Stairs	Classification of stairs	
26/12/24	4/46	3		various types of stair case	various types of stair case	Classification of stairs case	

Evaluative Questions	Expected learning outcome	Project work to be assigned	Signature of the Teacher	Signature of the Headmaster	Remarks
9	10	11	12	13	14
(i) what make of good roof?			26/12/24		
(ii) why are used roof.			26/12/24		
(i) what are the stairs basic?			26/12/24		
(ii) what is the angle of stair			26/12/24		
(i) what are the different types of stairs case?			26/12/24		
(ii) what are the basic of stair case?			26/12/24		