

DHABALESWAR INSTITUTE OF POLYTECHNIC

LESSON PLAN

Discipline	Semester	Name of the Teaching Faculty
CIVIL	3 rd	SUBHRANSU KUMAR MUDULI
Subject	No. of days per Week Class Alloted	Semester from Dt. <u>1/10/21</u> To Dt. <u>8/01/22</u> No. of Weeks: <u>14</u>
CEL-I		
Week	Class Day	Theory / Practical Topics✓
<u>1st</u>	1 st	1. <u>TESTS ON CEMENT, SANDS, BRICKS, BLOCKS AND AGGREGATES:</u>
	2 nd	1.1. Determination of fineness of Cement by sieving. 1.2. Determination of normal consistency, Initial, Final Setting time of Cement.
<u>2nd</u>	1 st	1.3. Determination of Soundness of Cement by Le- chatelier apparatus.
	2 nd	1.4. Grading of fine and coarse aggregate by sieving.
	3 rd	1.5. Determination of specific Gravity of Sand.
<u>3rd</u>	1 st	1.6. Determination of Bulk of Sand.
	2 nd	1.7. Determination of specific Gravity and Bulk density of coarse aggregate.
	3 rd	1.8. Impact test of Aggregate.
<u>4th</u>	1 st	1.9. Grading of Road Aggregate.

LESSON PROGRESS

Date	Topic to be covered as per Lesson plan	Topic actually covered	Point / Contents Discussed (in brief)	Sign. of Teacher
9.10.21	Fineness of cement by sieving.	- All covered.	Fineness of cement.	<u>Smt</u>
22.10.21	Determination of normal consistency Initial final setting time of cement	All covered	Initial final setting time of cement.	<u>Smt</u>
2.11.21	Soundness of cement by Le-chatelier app.	All covered	Soundness of cement.	<u>Smt</u>
23.11.21	Grading of aggregate	All covered	Grading of aggregate	<u>Smt</u>
6.12.21	Specific gravity of sand.	All covered	Specific gravity of sand	<u>Smt</u>
12.12.21	Bulk of sand	All covered	Bulk of sand	<u>Smt</u>
17.12.21	Sp. gravity and bulk density of coarse agg.	All covered.	Sp. gravity and bulk density of coarse agg.	<u>Smt</u>
20.12.21	Impact Test of aggregate	All covered	Impact test of aggregate	<u>Smt</u>
22.12.21	Grading of Road Aggregate	All covered	Grading of Road Aggregate	<u>Smt</u>

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CIVIL	3 rd	SUBHRANSHU KV. MUNDULI
Subject	No. of days per Week Class Alloted	Semester from Dt. _____ To Dt. _____ No. of Weeks: _____
CEL - I		
Week	Class Day	Theory / Practical Topics ✓
<u>10th</u>	1 st	2. <u>CONCRETE TESTS:</u>
	2 nd	2.1. Determination of workability of concrete.
	3 rd	2.2. Slump cone method.
		2.2. Practical Experimental knowledge.

LESSON PROGRESS

Date	Topic to be covered as per Lesson plan	Topic actually covered	Point / Contents Discussed (in brief)	Sign. of Teacher
27.12.21	Determination of Workability of concrete.	All covered	Workability of concrete.	Smith
03.01.22	Shump cone Method	All covered	Shump cone Method.	Smith
07.01.22	Practical Environment Knowledge.	All covered	Practical knowl.	Smith