Lesson Plan

Name of Faculty : SATENDER VASHISHTHA
Discipline : CERAMIC ENGINEERING
Semester : 3rd
Subject : CERAMIC TESTING LAB
Lesson Plan Duration : 16 WEEKS
Work Load (Lecture /Practical) per week in hours: Lecture : 0 Practical: 6

Practical		
Week	**Practical Day**	**Topic**
1	1	Introduction to Subject
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2	2	Overview of all Practical's
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3	3	Determine the Specific gravity of the given sample (Insoluble method).
3	3	Determine the Specific gravity of the given sample (Insoluble method).
4	4	Determine shrinkage water and pore water.
4	4	Determine shrinkage water and pore water.
5	5	Detect cracks in green articles.
5	5	Detect cracks in green articles.
6	6	Study visits to industries for studying the fault-diagnosis and trouble-shooting
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7	7	Study various types of sieves used in ceramic lab.
7	7	Study various types of sieves used in ceramic lab.
8	8	Determine pH value of clay slip.
8	8	Determine pH value of clay slip.
9	9	Decoration of Glass using methods of Etching and sand blasting.
9	9	Decoration of Glass using methods of Etching and sand blasting.
10	10	Resistance to shock test of safety glass.
10	10	Resistance to shock test of safety glass.
11	11	Determine impact resistance of glass.
11	11	Determine impact resistance of glass.
12	12	Study the alkali resistance of glass.
12	12	Study the alkali resistance of glass.
13	13	Identify various defects of glass.
13	13	Identify various defects of glass.
14	14	Determine viscosity of slip
14	14	Determine viscosity of slip
15	15	Determine applied weight of glaze
15	15	Determine applied weight of glaze
16	16	Study visits to industries for studying the fault-diagnosis and trouble-shooting
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