

PC/CE/14-P CONCRETE TESTING LAB

LESSON PLAN			
Week	Experiment number	Topics / Experiments	Date
1 st	01	Specific Gravity of cement using specific gravity bottle.	
2 nd	02	Standard consistency of cement using Vicat's apparatus.	
3 rd	03	Setting time of cement, initial and final using Vicat's apparatus.	
4 th	03	Setting time of cement, initial and final using Vicat's apparatus.	
5 th	04	Soundness of cement by Le-Chatelier's apparatus	
6 th	05	Compressive strength of cement	
7 th		VIVA – VOCE-I	
8 th	06	Moisture content and bulking of fine aggregate	
9 th	06	Moisture content and bulking of fine aggregate	
10 th	07	Fineness modulus of coarse and fine aggregates.	
11 th	08	Workability of cement concrete by Flow table test.	
12 th	09	Workability of cement concrete by Slump test	
13 th	10	Compressive strength of concrete by Cube test.	
14 th		VIVA – VOCE-II	