

Fluid Mechanics -II Lab (PC/CE/42-P)			
Week	Practical		
	Day	Topics / Experiments	Remark
1 st	1	To determine the coefficient of drag by Stoke's law for spherical bodies.	
	2	To determine the coefficient of drag by Stoke's law for spherical bodies.	
2 nd	3	To study the phenomenon of cavitation in pipe flow.	
	4	To study the phenomenon of cavitation in pipe flow.	
3 rd	5	To determine the critical Reynold's number for flow through commercial pipes.	
	6	To determine the critical Reynold's number for flow through commercial pipes.	
4 th	7	To determine the coefficient of discharge for flow over a broad crested weir.	
	8	To determine the coefficient of discharge for flow over a broad crested weir.	
5 th	9	To determine the coefficient of discharge for flow over a broad crested weir.	
	10	To study the characteristics of a hydraulic jump on a horizontal floor and sloping glacis including friction blocks.	
6 th	11	To study the characteristics of a hydraulic jump on a horizontal floor and sloping glacis including friction blocks.	
	12	To study the characteristics of a hydraulic jump on a horizontal floor and sloping glacis including friction blocks.	
7 th		MINOR TEST I	
8 th	13	VIVA – VOCE	
9 th	14	To study the scouring phenomenon around a bridge pier model.	
	15	To study the scouring phenomenon around a bridge pier model.	
10 th	16	To study the scouring phenomenon for flow past a spur.	
	17	To study the scouring phenomenon for flow past a spur.	
11 th	18	To determine the characteristics of a centrifugal pump.	
	19	To determine the characteristics of a centrifugal pump.	
12 th	20	To study the momentum characteristics of a given jet.	
	21	To study the momentum characteristics of a given jet.	
13 th	22	To determine head loss due to various pipe fittings.	
	23	To determine head loss due to various pipe fittings.	
14 th		MINOR TEST II	
15 th	24	VIVA – VOCE	