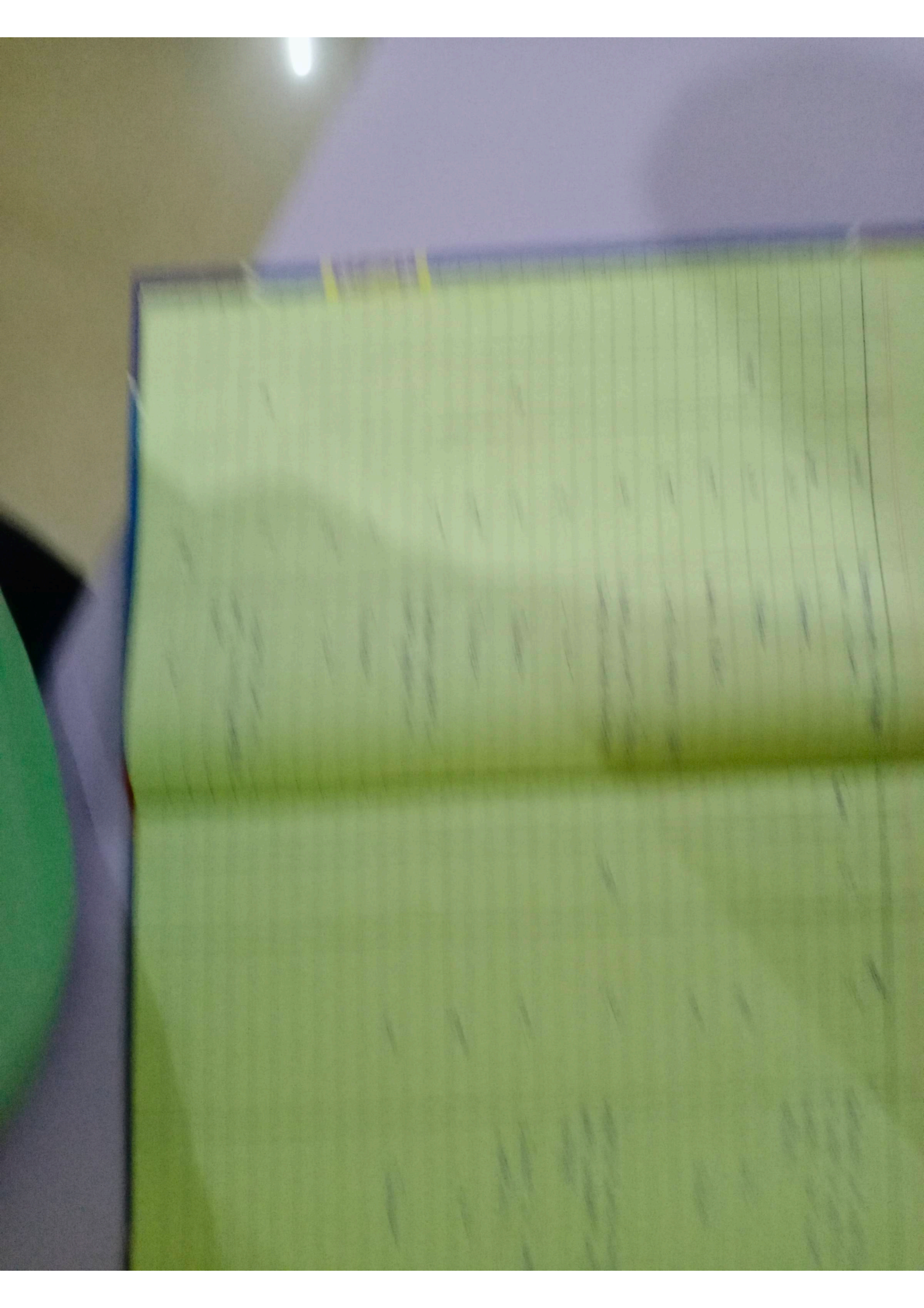


Disiplin		Semester	name of the teaching faculty
Subject		No. of day Per week	Sem. starts - Sem. ends - No. of weeks
Month	Week	Class days	Theory Topic
March	2 nd	1 st	Introduction
		2 nd	What is fluid
	3 rd	1 st	Properties of fluid
		2 nd	- do -
		3 rd	Problem
		4 th	viscosity (Definition)
		5 th	Dynamic viscosity & kinematic viscosity.
	4 th	1 st	Surface Tension & capillary phenomenon
		2 nd	What is fluid pressure & its units
		3 rd	Pressure Intensity & Pressure head
		4 th	Pascal's Law

Month	Week	Class Day	Theory Topic
5 th	5 th	1 st	Problem
		2 nd	Atmospheric Pressure gauge pressure.
		3 rd	Vacuum pressure & absolute pressure.
April	1 st	1 st	Pressure Measuring Instrument Manometer
	2 nd	1 st	Borden tube pressure gauge.
		2 nd	Problem
		3 rd	Hydrostatics
		4 th	Hydrostatic Pressure.
		5 th	Total pressure
	3 rd	1 st	Centre of pressure of on immersed bodies.
		2 nd	Problems.
		3 rd	Archimedes Principle.
		4 th	Concept of buoyancy

Month	Week	Class Day	Theory Topic
	4 th	1 st	Meta centre & Meta centre height.
		2 nd	Flotation
		3 rd	Fluid flow & its types
		4 th	Continuity equation
		5 th	- do -
	5 th	1 st	- do -
		2 nd	Bernoulli's theorem
		3 rd	- do -
		4 th	Pitot tube
		5 th	Problem
May	1 st	1 st	Refract orifice
		2 nd	Flow through orifice
		3 rd	Orifice coefficient
		4 th	The relation between the orifice coefficient
	2 nd	1 st	classification of notch & weir
		2 nd	Discharge over a Rectangular notch & weir



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March	2 nd	1 st	Introduction
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	3 rd	1 st	Properties of fluid
		2 nd	- do -
		3 rd	Problem
		4 th	viscosity (definition)
		5 th	Dynamic viscosity & kinematic viscosity.
	4 th	1 st	Surface Tension & capillary Phenomen
		2 nd	What is fluid pressure & its units
		3 rd	Pressure Intensity & Pressure head
		4 th	Pascal's Law

Month	Week	Class Day	Theory Topic
5th	5th	1st	Problem
		2nd	Atmospheric Pressure gauge pressure.
		3rd	Vacuum pressure & absolute pressure.
April	1st	1st	Pneumatic Measuring Instrument Manometer
		2nd	Piston tube pressure gauge
		2nd	Problem
		3rd	Hydrostatics
		4th	Hydrostatic Pressure.
	3rd	5th	Total pressure
		1st	Centre of pressure of an immersed bodies.
		2nd	Problems.
		3rd	Archimedes Principle.
		4th	Concept of buoyancy

Month	Week	Class Day	Theory Topic
	4th	1st	Meta centre & Meta centre height.
		2nd	Flotation.
		3rd	Fluid flow & its types
		4th	Continuity equation
		5th	- do -
	5th	1st	- do -
		2nd	Bernoulli's theorem
		3rd	- do -
		4th	Pitot tube
		5th	Problem
May	1st	1st	Refract orifice
		2nd	flow through orifice
		3rd	Orifice coefficient
		4th	The relation between the orifice coefficient.
	2nd	1st	classification of notch & weir
		2nd	Discharge over a rectangular notch & weir

		3rd	Discharge over a triangular notch or weir
		4th	↓
		4th	Problem
3rd		1st	Problem
		2nd	What is Pipe
		3rd	Loss of energy in pipes
		4th	Head loss due to friction Darcy's & chezy's formula
		5th	- do -
4th		1st	Problem
		2nd	Problem
		3rd	Hydraulic gradient & total gradient line
		4th	Problem
		5th	- do -
5th		1st	Impact of Jet on fixed & moving vertical plate
		2nd	- do -