

Lesson Planning for the semester started w.e.f. 5 January 2018

Name of Institute :- Sat Kabir Institute of Technology and Management, Ladrawan (Jhajjar)

Name of teacher with designation :- Yogesh (AP)

Department :- ME

Month	Class	Topic/Chapter Covered	Academic Activity	Test/Assignment
January	4th	FM-I - Fluid Properties (2-weeks)	PPT and Revised Section	Assign in 3rd week Test in 4th week
	4th	Fluid Kinematics (2-weeks)		
	4th	KOM - Introduction of mechanism (2-week) Kinematic Analysis of plane mechanism (2-week)	PPT and Revised Section	Assign in 3rd week Test in 4th week
Feb	6th	HT - Mode of heat transfer (2-weeks) steady state heat conduction (2-weeks)	PPT and Revised Section	Assign in 3rd week Test in 4th week
	4th	FM-I Fluid Dynamics (2-weeks)	PPT and Revised Section	Assign in 3rd week Test in 4th week
	4th	COM - Cam and follower (2-weeks) Classification of gears (2-weeks)	PPT and Revised Section	Assign in 3rd week Test in 4th week
March	6th	HT - steady state Conduction with heat generation (2-week) Transient heat conduction (2-weeks)	PPT and Revised Section	Assign in 3rd week Test in 4th week
	4th	FM-II - viscous flow (2-weeks) Flow through pipe (2-weeks)	PPT and Revised Section	Assign in 3rd week Test in 4th week
	4th	KOM - Crank train (2-weeks) Kinematic analysis of Mechanism (2-weeks)	PPT and Revised Section	Assign in 3rd week Test in 4th week
April	6th	HT - Forced convection (2-weeks) Thermal Radiation (2-weeks)	PPT and Revised Section	Assign in 3rd week Test in 4th week
	4th	FM-II Boundary Layer (2-weeks) Turbulent flow (2-weeks)	PPT and Revised Section	Assign in 3rd week Test in 4th week
	4th	KOM - friction law (2-weeks) Belt and pulley (2-weeks)	PPT and Revised Section	Assign in 3rd week Test in 4th week
	6th	HT - heat exchanger (2-weeks) Boiling (2-weeks)	PPT and Revised Section	Assign in 3rd week Test in 4th week

Signature of the teacher concerned with date

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Month	Class	Topic/Chapter Covered	Academic Activity	Test/Assignment
January	4th	KOM LAB :- study of various type of link, pair and Mechanism study of Inversion of 4 Bar Mechanisms	Practical Performed	File checked
	6th	HT LAB :- To study the thermal conductivity of metallic rod To determine the thermal conductivity of cm insulating power	Practical Performed	File checked
	4th	FM LAB :- To determine the Cd of impact for vane To determine the Cd of orifice meter	Practical Performed	File checked
	4th	KOM LAB :- To plot $\sin \theta$ displacement velocity and acceleration of slider Mech. To find coefficient of friction of belt and pulley	Practical Performed	File checked
	6th	HT LAB :- To find the effectiveness of a fin in rectangular duct To determine surface heat transfer coefficient for vertical tube	Practical Performed	File checked
	4th	FM LAB :- To determine Cd of V-notch To determine Cd of venturimeter	Practical Performed	File checked
March	4th	KOM LAB :- To study various type of cam and follower To study of working of screw jack	Practical Performed	File checked
	6th	HT LAB :- To determine emissivity of grey body at different temperature To verify the Stefan-Boltzmann constant for thermal radiation	Practical Performed	File checked
	4th	FM LAB :- To verify Bernoulli's theorem To find critical Reynold number for a pipe flow	Practical Performed	File checked
	4th	KOM LAB :- To study of various gear train To study various type of gear	Practical Performed	File checked
April	6th	HT LAB :- To study the two phase heat transfer unit To find overall heat transfer coefficient and effectiveness of H.E	Practical Performed	File checked
	4th	FM LAB :- To determine the meta-centric height of floating body To verify the momentum equation	Practical Performed	File checked

Signature of the teacher concerned with date