

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 :-

Sachin (AP)

Department :- ME

Month	Class	Topic/Chapter Covered	Academic Activity	Test/Assignment
January	4th	<u>Fluid Mechanics</u> :- Fluid properties (2-weeks) Fluid kinematics (2-weeks)	PPT and Revised Section	Assign in 3rd week Test in 4th week
	4th	<u>KOM</u> :- Introduction of mechanism (2-weeks) Kinematic Analysis of Plane mechanism (2-weeks)	PPT and Revised Section	Assign in 3rd week Tut in 4th week
	6th	<u>HT</u> :- Mode of heat transfer (2-weeks) Steady state Heat Conduction (2-weeks)	PPT and Revised Section	Assign in 3rd week Test in 4th week
February	4th	<u>FME</u> :- Fluid Dynamics (2-weeks) Compressible fluid flow (2-weeks)	PPT. and Revised Section	Assign in 3rd week Test in 4th week
	4th	<u>KOM</u> :- Cam and follower (2-weeks) Classification of gears (2-weeks)	PPT. and Revised Section	Assign in 3rd week Test in 4th week
	6th	<u>HT</u> :- steady state conduction with heat generation (2-weeks) Transient Heat Conduction (2-weeks)	PPT. and Revised Section	Assign in 3rd week Tut in 4th week
March	4th	<u>EM</u> :- Viscous flow (2-weeks) Flow through pipe (2-weeks)	PPT. and Revised Section	Assign in 3rd week Test in 4th week
	4th	<u>KOM</u> :- Gear train (2-weeks) Kinematic Analysis of Mechanism (2-weeks)	PPT. and Revised Section	Assign in 3rd week Test in 4th week
	6th	<u>HT</u> :- Forced Convection (2-weeks) Thermal Radiation (2-weeks)	PPT. and Revised Section	Assign in 3rd week Tut in 4th week
April	4th	<u>EM</u> :- Boundary layers (2-weeks) Turbulent flow (2-weeks)	PPT. and Revised Section	Assign in 3rd week Test in 4th week
	4th	<u>KOM</u> :- Friction law (2-weeks) Belt and pulley (2-weeks)	PPT. and Revised Section	Assign in 3rd week Test in 4th week
	6th	<u>HT</u> :- Heat exchanger (2-weeks) Boiling (2-weeks)	PPT. and Revised Section	Assign in 3rd week Tut in 4th week

Signature of the teacher concerned with date

Name of Institute :- Sat Bahir Institute of Technology and Management, Ladrawan (Dhajar)
 Name of teacher with designation :- Sachine (CAP)
 Department :- ME

5 January 2018

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 Mechanism	Practical performed	File checked
	6th	HT LAB' - To study the thermal conductivity of metallic heat To determine the thermal conductivity of con. insulating. plates	Practical Performed	File checked
	4th	FM LAB. To determine the cd coefficient of impact for vena To determine the cd of orifice meter	Practical Performed	File checked
Feb	4th	KOM LAB' - To plot all idler placement 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's 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
April	4th	KOM LAB' - To study of various gear train To study various type of gears	Practical Performed	File checked
	6th	HT LAB To study the two phase heat transfer unit To find overall heat transfer coefficient and direction of n.E	Practical Performed	File checked
	4th	FM LAB :- To determine the meta - Centric height of floating body To verify the momentum eqn. for jets	Practical Performed	File checked

Signature of the teacher concerned with date