Lesson Planning for the semester started w.e.f. 5th Jan

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

Name of teacher with designation :- Hemant, A.P

Department :- EE

Month	Class	Topic/Chapter Covered	Academic Activity	Test/Assignment
		CS-lab		
Jan	6th	To study Speed Torque Characteristics of a) Ac. servo motor B) DC servo motor		File to be Checked.
		2):- a) To demonstrate simple motor driven closed loop DC - position Control sys.	Practical to be Performed	
		b) To study and demonstrate simple closed - loop speed Control system.		File to be Checked
		3):- To study the lead, lag, lead-lag Compensators and to draw their magnitude		
Feb	6th	CS-lab.		
		4): To study a stepper motor & to execute microprocessor or Computer based control.	Practical to be Performed	File to be Checked
		5): To implement a PID Controller for temperature control of a pilot plant.		File to be Checked
		6): To study behaviour of 1 order, 2 order type 0, type 1 System.		
Mar.	6th	CS lab		
		7) To study control action of light Control devices.	Practical to be Performed	File to be Checked
		8) To study water level Control using a industrial PLC.		File to be checked
		9) To study motion Control of a belt using PLC.		

Signature of the teacher concerned with date

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

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

Name of teacher with designation :- S. Hemant, A.P

Department :- EE

Month	Class	Topic/Chapter Covered	Academic Activity	Test/Assignment
Jan	6th	C.S :- Introduction to Control System & types (2week)	Revision	Assignment (1week)
		:- Open loop & close loop system with operation (2w)	PPT	Test (1week)
Jan	6th	ACS :- Control system with types & Applications (2w)	Groupdiscussion	Assignment (3rdw)
		:- Types of controllers. (2w)	PPT	Test (4thw)
Feb	6th	C.S :- Modelling & Concept of transfer function (2w)	PPT	Assignment (3rdw)
		:- Derivation of transfer function (2w)	Revision	Test (4thw)
Feb	6th	AC :- Transient And steady state response (2w)	Revision	Assignment (3rdw)
		:- Frequency response Analysis (2w)	PPT	Test (4thw)
Mar	6th	C.S :- Time doman Analysis	Groupdiscussion	Assignment (3rdw)
		:- Stability Concepts	PPT	Test (4thw)
Mar	6th	AC :- Stability of Control System (2w)	Revision	Assignment (3rdw)
		:- Root Locus method. (2w)	PPT	Test (4thw)
April	6th	C.S :- Freq. Domain Analysis	Groupdiscussion	Assignment (3rdw)
		:- Compensation & coabal compents	Revision	Test (4thw)
April	6th	AC :- Digital Control System. (2w)	PPT	Assignment (3rdw)
		:- State space Analysis of control sy (2w)	PPT	Test (4thw)

Signature of the teacher concerned with date