

ANALOG ELECTRONICS & LINEAR IC LAB (Pr- 04)

Date of Commencement of classes: 14.03.2022

Date of Closing of classes: 11.06.2022

LIST OF MONTH WISE AVAILABLE WEEKS

Sl. No.	Month	Week-wise no. of academic days available					Total no. of weeks
		Week- 1	Week- 2	Week- 3	Week- 4	Week- 5	
1	March	--	--	4	6	3	03
2	April	2	5	4	4	6	05
3	May	5	4	4	5	2	05
4	June	4-1	6	--	--	--	02
Total		10	15	12	15	11	15

NO. OF AVAILABLE CLASSES PER WEEK/ MONTH

Sl. No.	Month	No. of available weeks	Week-wise no. of Lab Classes available					Total no. of Lab Classes
			Week- 1	Week- 2	Week- 3	Week- 4	Week- 5	
1	March	03	--	--	1	1	1	03
2	April	05	1	1	1	1	1	05
3	May	05	1	1	1	1	1	05
4	June	02	1	1	--	--	--	02
Total		15	3	3	3	3	3	15

EXPERIMENT-WISE DISTRIBUTION OF PERIODS

Sl. No.	Name of the Experiment	Required no. of Lab Classes	Expected Marks
01	Determine the input and output characteristics of CE transistor configuration.	1	05
02	To construct bridge rectifier using different filter and to determine Ripple Factor & analysis the wave form with filter and without filter.	2	05
03	To construct Bridge rectifier using different filter & to determine Ripple Factor.	2	05
04	To study the single stage common emitter amplifier & Find Gain.	2	05
05	To study about multi stage R-C coupled amplifier & to determine frequency response & Gain.	2	06
06	To study multivibrator (Astable, Bistable & Monostable) circuit & draw its Waveforms.	1	06
07	To determine Drain and transfer characteristics of JFET.	1	06
08	Construct & find the gain of Class A , Class B & Class C Amplifier.	2	06
09	Construct & test push pull amplifier & observe the waveform.	1	06
TOTAL		14	50

Sign of Lab I/C

Sign of HOD

Sign of AIC

Sign of Vice Principal

LESSON PLAN

Name of the Month	Week No.	Class day	Details of Practical Topics
M A R C H	3 rd	1 st	Determine the input and output characteristics of CE transistor configuration.
	4 th	1 st	To construct bridge rectifier using different filter and to determine Ripple Factor & analysis the wave form with filter and without filter.
	5 th	1 st	
A P R I L	1 st	1 st	To construct Bridge rectifier using different filter & to determine Ripple Factor.
	2 nd	1 st	
	3 rd	1 st	To study the single stage common emitter amplifier & Find Gain.
	4 th	1 st	
	5 th	1 st	To study about multi stage R-C coupled amplifier & to determine frequency response & Gain.
M A Y	1 st	1 st	To study multivibrator (Astable, Bistable & Monostable) circuit & draw its Waveforms.
	2 nd	1 st	
	3 rd	1 st	To determine Drain and transfer characteristics of JFET.
	4 th	1 st	Construct & find the gain of Class A , Class B & Class C Amplifier.
	5 th	1 st	
J U N E	1 st	1 st	Construct & test push pull amplifier & observe the waveform.
	2 nd	1 st	Revision