## EXPERIMENT-WISE DISTRIBUTION OF PERIODS

| Sl. No. | Name of the Experiment | Required no. of Lab Classes | Distribution of 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. | 2 | 06 |
| | **TOTAL** | **15** | **50** |

**Sign of Lab I/C** **Sign of HOD** **Sign of AIC** **Sign of Vice Principal**

# LESSON PLAN

| **Discipline:** ETC. Engg. | **Semester:** Forth(4th) | **Name of the Lab I/C:** Er Debasmita Mohapatra |
|---|---|---|
| **Subject:** AE&LIC Lab | **No. of days/week class allotted:** Three (3) | **Semester from Date:** 14.02.23 **to Date:** 23.05.23 **No. of Weeks:** 15 |
| **WEEK** | **CLASS DAY** | **PRACTICAL EXPERIMENTS** |
| 1st | 1st | Determine the input and output characteristics of CE transistor configuration. |
| | 2nd | |
| | 3rd | Review Class |
| 2nd | 1st | To construct bridge rectifier using different filter and to determine Ripple Factor & analysis the wave form with filter and without filter. |
| | 2nd | |
| | 3rd | Review Class |
| 3rd | 1st | To construct Bridge rectifier using different filter & to determine Ripple Factor. |
| | 2nd | |
| | 3rd | Review Class |
| 4th | 1st | To study the single stage common emitter amplifier & Find Gain. |
| | 2nd | |
| | 3rd | Review Class |
| 5th | 1st | To study about multi stage R-C coupled amplifier & to determine frequency response & Gain. |
| | 2nd | |
| | 3rd | Review Class |
| 6th | 1st | To study multivibrator (Astable, Bistable & Monostable) circuit & draw its Waveforms. |
| | 2nd | |
| | 3rd | Review Class |
| 7th | 1st | To determine Drain and transfer characteristics of JFET. |
| | 2nd | |
| | 3rd | Review Class |

| | | |
|---|---|---|
| 8th | 1st | Construct & find the gain of Class A , Class B & Class C Amplifier. |
| | 2nd | |
| | 3rd | Review Class |
| 10th | 1st | Construct & test push pull amplifier & observe the waveform. |
| | 2nd | |
| | 3rd | Review Class |
| 11th | 1st | Revision |
| | 2nd | |
| | 3rd | |
| 12th | 1st | Revision |
| | 2nd | |
| | 3rd | |
| 13th | 1st | Revision |
| | 2nd | |
| | 3rd | |
| 14th | 1st | Revision |
| | 2nd | |
| | 3rd | |
| 15th | 1st | Revision |
| | 2nd | |
| | 3rd | |