Course Type	Course Code	Name of the Course	L	T	P	Credits
DP	EEC271	Network Lab	0	0	2	2

Course Objective
The objective of this lab is to introduce undergraduate students to the basic practical aspects of circuit theory analysis.
Learning Outcomes
Upon successful completion of this course, students will develop: ● an ability to identify different filter circuits. ● an idea about the working of different filter networks and two-port networks.

Unit No.	Topics to be Covered	Laboratory Hours	Learning Outcome
1	Experiments on Two-port Networks	2x2	Students will learn working of different two-port networks
2	Experiments on Passive Low-pass and High-pass filters	2x2	Students will learn working of Passive Low-pass and High-pass filters
3	Experiments on Passive Band-pass, Band-reject filters	2x2	Students will learn working of Passive Band-pass, Band-reject filters
4	Experiments on Active Low-pass and High-pass filters	2x2	Students will learn working of Active Low-pass and High-pass filters
5	Experiments on Active Band-pass and Band-reject filters	2x2	Students will learn working of Active Band-pass, Band-reject filters

Text Books

1. Networks and Systems — D. Roy Choudhury.
2. Modern Control Engineering - K. Ogata.

Reference Books

1. Network Analysis — M. E. Van Valkenburg.