

Course Type	Course Code	Name of Course	L	T	P	Credit
Practical	EEC514	Advanced Power System Simulation Laboratory	0	0	3	3
EEC514	Advanced Power System Protection Laboratory					
1.	To determine the operating characteristics of an Induction type IDMT Overcurrent Relay.					
2.	To determine the operating characteristics of a Numerical type IDMT Overcurrent Relay.					
3.	To determine the operating characteristics of a Numerical type Under Voltage/Over Voltage Relay.					
4.	To determine the operating characteristics of an electromechanical IDMT Directional-Overcurrent Relay.					
5.	Fault study and distribution feeder protection using numerical Overcurrent Relay.					
6.	Fault study and protection of parallel distribution feeders.					
7.	Fault study and transmission line protection using Distance Relay.					
8.	Faulty phase identification using synchronized measurements at both ends of the transmission line.					
9.	Study and protection of Transformers using Percentage Differential relay.					
10.	Study and protection of three-phase ac motors.					