

ELECTRICAL & ELECTRONICS ENGINEERING DEPARTMENT

COURSE CODE	18ELE14/24 BASIC ELECTRICAL ENGINEERING
C01	To predict the behaviour of electrical and magnetic circuits.
C02	Select the type of generator / motor required for a particular application.
C03	Realize the requirement of transformers in transmission and distribution of electric power and other applications.
C04	Practice Electrical Safety Rules & standards.
C05	To function on multi-disciplinary teams.
COURSE CODE	18ELE17/27 BASIC ELECTRICAL ENGINEERING LABORATORY
C01	Identify the common electrical components and measuring instruments used for conducting experiments in the electrical laboratory.
C02	Compare power factor of lamps.
C03	Determine impedance of an electrical circuit and power consumed in a 3 phase load.
C04	Determine the Earth Resistance and understand two way and three way control of lamps.