

MAR GREGORIOS COLLEGE OF ARTS & SCIENCE
DEPARTMENT OF ELECTRONICS & COMMUNICATION SCIENCE
ACADEMIC YEAR 2021-22
ADD-ON COURSE
“HOUSE HOLD APPLIANCES”
SYLLABUS

Unit 1- Electricity: Introduction, Electric Charge, Electric Power.

Unit 2- Electric measurement: Current/Voltage measurement : Ampere, Ammeter, Voltage, Voltmeter.

Unit 3- Electric components: Active components, Passive components, Transistor, logic gates, Resistors, variable resistors, Capacitors, Inductors.

Unit 4- Applications: Transformers, Electric motors, Filament Bulb, Diode, LED, Switches, Thyristor, Speaker, LDR , Thermistor and Buzzer.

Unit 5- Home appliances: Cooling Towers, Coffee maker, Washing machine, Plumbing, Electric Iron, Electric Geyser.