

**Faculty of Engineering & Technology**

**Electronics**

**Information :**

**Course Code :** EED211

**Level :** Undergraduate

**Course Hours :** 3.00- Hours

**Department :** Mechatronics Engineering

**Description :**

Fundamental concepts in electronics; Diode, BJT and FET Circuits; Operational amplifier circuits and applications; Difference and instrumentation amplifiers; Passive and active filters; Wave shaping circuits; timers, Voltage to Current, Voltage to frequency converters, and multiplier circuits; Op Amp oscillators:555 timer, Mini projects.