

## 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.