

EEG222 - FUNDAMENTALS OF ELECTRICAL ENGINEERING II (2 UNITS)

- E.M.F generation, single phase; rms, mean, form factor, peak factor, phasor diagram.
- Series and parallel resonance circuit.
- Resonance, Q-factor, impedance and power P, S and Q 3 phase: delta and star(weye) conversion, line and phase voltages.
- Complex notation and its application to RLC circuits.
- Introduction to D.C machines, A.C machines and transformers. Pre-requisite: EEG211