

- 1. Conductor, Inductor and Semiconductor**
- 2. Power, Voltage, Current**
- 3. Alternating current and Direct current**
- 4. Resistor and Ohm's Law**
- 5. Voltage Divider and Current Divider Rules**
- 6. Kirchhoff's Current Law**
- 7. Kirchhoff's Voltage Law**
- 8. Voltage Sources**
- 9. Current Sources**
- 10. Star-Delta Transformation**

- 11. Capacitor Part (1)**
- 12. Capacitor Part (2)**
 - Capacitor in Parallel and Series
- 13. Capacitor Part (3)**
 - Coupling, Bypass capacitor & Capacitor as a filter
- 14. Capacitor Part (4)**
 - Capacitance Reactance
- 15. Inductor Part (1)**
- 16. Inductor Part (2)**
 - Self inductance and Mutual inductance
- 17. Inductor Part (3)**
 - Inductors in Series and Parallel
- 18. Inductor Part (4)**
 - Inductive Reactance
- 19. Series RLC Circuit**
- 20. Parallel RLC Circuit**
- 21. RLC Resonance Circuits**