**Subject Name: Basic Electrical And Electronics Date:- 22/08/2024**

**Assignment No: - 1**

1) Define EMF, MMF, electric potential, Magnetic force.

2) Define Faraday's law lenz's law.

3) explain self induction and static induction EMF

4) Define amplitude, frequency, and time period

5) explain star circuit

6) explain Delta circuit

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**Assignment No: - 2**

* + 1. Give Type Of Transformer
    2. Explain EMF Eqn of Transformer.
    3. Explain in Detail-Auto Transformer.
    4. Explain Single Phase AC Motor.

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**Assignment No: - 3**

1. Define Actre And Passive componants.
2. Explain Carrrut & Voltage Some.
3. explain PN junction diode
4. explain Zener diode

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**Assignment No: - 4**

1. construct and draw wave for half wave rectifier
2. construct and draw wave for full wave rectifier
3. Draw and explain LED
4. Draw symbol and construction of BJT
5. Draw input output characteristics of BJT