



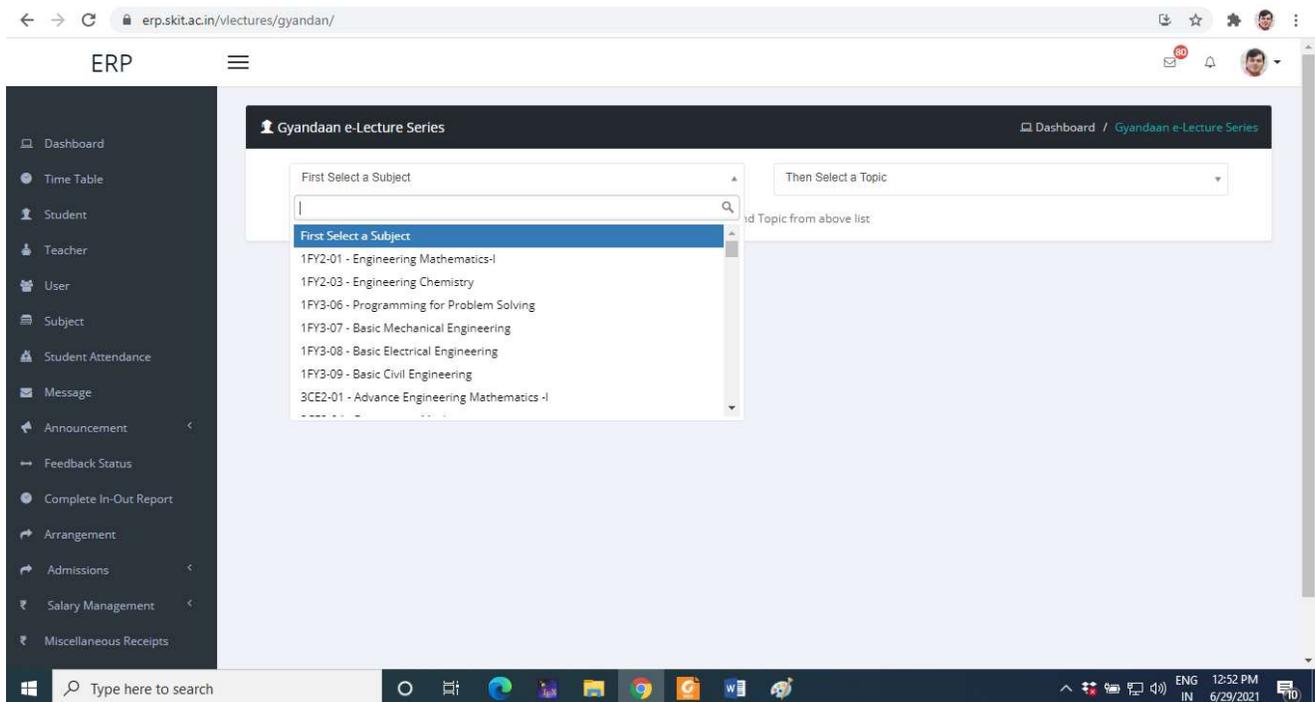
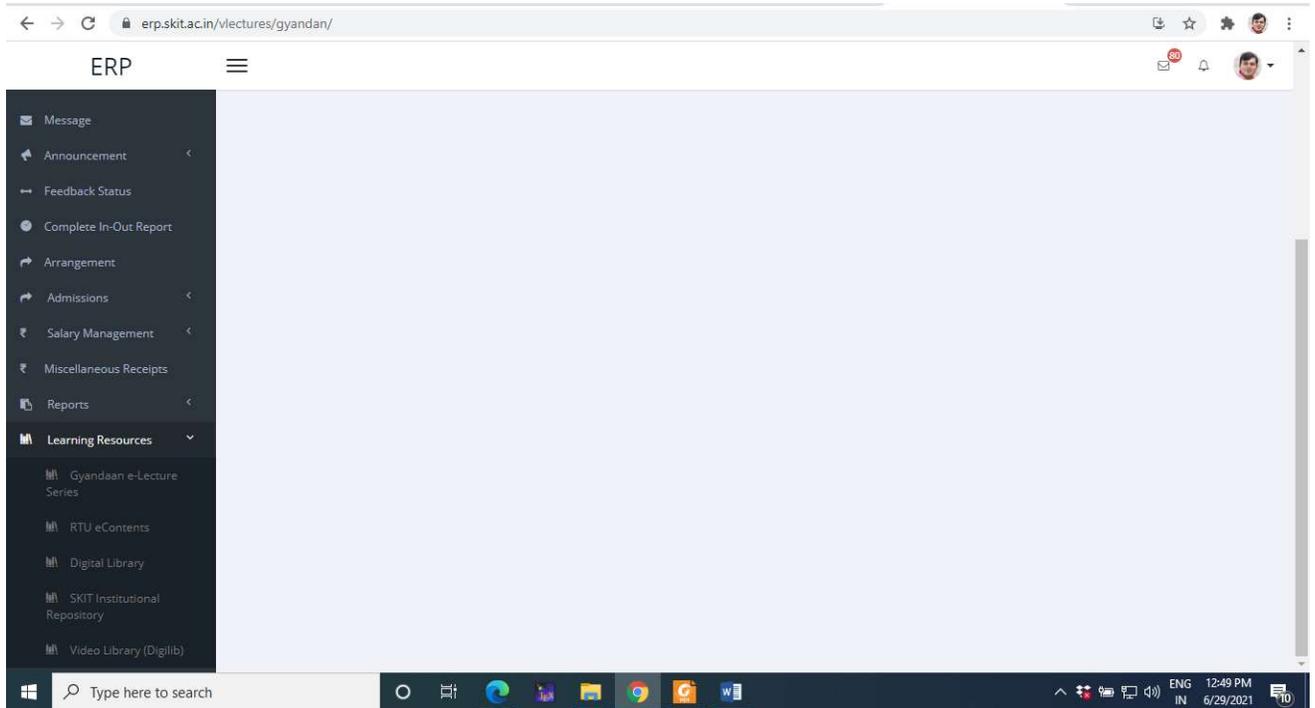
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Resonance

- In AC circuits resonance occurs when two independent energy storing devices are capable of interchanging energy from one another.
- For example, inductance and capacitance are the two energy storing devices or an element of an AC circuit, which may create a condition of resonance.
- Resonance is a condition in an RLC circuit in which the capacitive or reactive reactance are equal in magnitude, thereby resulting in a purely resistive impedance.
- Resonance circuit are useful for constructing filters and used in many applications.

Series Resonance

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