



**Knowledge Network of
Indian Institute of Technology Gandhinagar
Under TEQIP-II Initiative**

Summer School on Electrical Machines

The summer school on Electrical Machines comprises of approximately 40 hours of instruction and 30 hours of hands-on sessions in problem solving and lab experiments. This course provides a basic understanding of the static and rotating electrical machines.

This summer school provides an opportunity for the faculty members and students to revisit the important fundamental concepts. Participation in this summer school is invited through registration.

Topics to be discussed:

Modeling of electrical systems; Circuit analysis; Transformers; Energy conversion principles; DC machines; AC machines; Two-phase induction motor, stepper motor

Note: Usually theory would be delivered in the forenoon sessions. Suitable demonstration, simulation and tutorial sessions would be in the afternoon sessions.

Presenters: Instructors:

1. Dr. Ragavan K
 2. Prof. S. Rajendran
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