



# Department of Electrical Engineering, College of Engineering, Pune

## PG Program – Power Electronics and Power Systems

### Program Outcomes (POs):

**PO1:** To investigate complex power system scenarios, independently carry out research and development work to solve practical problems related to Power Systems optimally.

**PO2:** To write and present a substantial technical project report, journal papers in Power Systems and Power Electronics area.

**PO3:** To model, design and analyse the power systems and power electronics systems using modern simulation tools and advanced mathematics for operation, control and protection of power systems.



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### Program Specific Objectives (PSOs):

**PO4:** To apply advanced technology such as WAMs, Embedded systems and computing techniques to solve real time power systems problems.

**PO5:** To design a component, system or process related to Power and Energy Systems (PES) for a defined objective, as well as to analyse and interpret the data.

**PO6:** Select, Configure & use appropriate modern tool to solve and analyse electrical Power system