



Department of Electrical Engineering

Delhi Technological University

Shahbad Daultapur, Main Bawana Road

Delhi-110042, India

M.Tech. (Power Electronics and Systems)

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

PEO1: To be able to apply the knowledge of electrical engineering fundamentals to the solution of complex problems in Power Electronics and Systems.

PEO2: To be able to design system component of processes that meet the specified needs with appropriate considerations for the public health, safety and culture, societal and environmental considerations.

PEO3: To be able to create, select and apply modern techniques, resources and modern engineering and IT tools including simulation and modelling of power electronics converters.

PEO4: To be able to understand, analyze and demonstrate the principles of engineering and apply them to carry out the advanced research projects. To produce Post Graduate Electrical Engineers who have the necessary knowledge, skill and aptitude so as to get recruited in various industries in specialized sectors.



Department of Electrical Engineering

Delhi Technological University

Shahbad Daultapur, Main Bawana Road

Delhi-110042, India

M.Tech. (Control & Instrumentation)

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

PEO1: To be able to apply the knowledge of electrical engineering fundamentals to the solution of complex problems in Control & Instrumentation.

PEO2: To be able to design system component of processes that meet the specified needs with appropriate considerations for the public health, safety and culture, societal and environmental considerations.

PEO3: To be able to create, select and apply modern techniques, resources and modern engineering and IT tools including simulation and modelling of complex nonlinear systems.

PEO4: To be able to understand, analyze and demonstrate the principles of engineering and apply them to carry out the advanced research projects. To produce Post Graduate Electrical Engineers who have the necessary knowledge, skill and aptitude so as to get recruited in various industries in specialized sectors.



Department of Electrical Engineering

Delhi Technological University

Shahbad Daulatpur, Main Bawana Road

Delhi-110042, India

M.Tech. (Power Systems)

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

PEO1: To be able to apply the knowledge of electrical engineering fundamentals to the solution of complex problems and /or carry out research in advanced power systems.

PEO2: To be able to design system components in power sector that meet the emerging technical needs with appropriate considerations for the public health, safety and culture, society and environment.

PEO3: To be able to create, select and apply modern techniques, resources, engineering and modern IT tools including simulation, modelling and validation of modern power systems.

PEO4: To be able to understand, analyze and demonstrate the principles of engineering and apply them to carry out advanced research and development in power systems to produce post graduate electrical engineers who have the adequate knowledge, skill and aptitude so as to get opportunities in various organizations in power sectors for employment and research.