



GURU NANAK INSTITUTE OF ENGINEERING & TECHNOLOGY

Dahegaon, Kalmeshwar Road, Nagpur-441 501

DEPARTMENT OF ELECTRICAL ENGINEERING



Departmental PO's

Program: PG-MTech Power Electronics and Power System

Programme Outcomes: PG

PO1: Acquire in-depth knowledge in the domain of power systems.

PO2: Ability to critically analyze various power system components, models and their operation.

PO3: Ability to apply fundamentals and concepts to analyze, formulate and solve complex problems of electrical power systems and its components.

PO4: Apply advanced concepts of electrical power engineering to analyze, design and develop electrical components, apparatus and systems to put forward scientific findings at national and international levels.

PO5: Ability to use advanced techniques, skills and modern scientific and engineering tools for professional practice.

PO6: Preparedness to lead a multidisciplinary scientific research team and communicate effectively.

PO7: Demonstrate and apply knowledge and understanding of engineering principles for project management.

PO8: To motivate exploring ideas and to encourage for independent, reflective and lifelong learning.

PO9: To understand the impact of engineering solutions in a global, economic, environmental and societal context.

**Principal
GNIET, Nagpur**