

INTEGRAL UNIVERSITY, LUCKNOW

DEPARTMENT OF ELECTRICAL ENGINEERING

Program Education Objectives (PEOs)

1. Fundamental knowledge in Mathematics, Physical sciences, Electrical Sciences and Engineering
2. Intensive training in problem solving, practical problems, laboratory skills, and design skills.
3. Specialization in specific areas of interest and excel as a professional at national and international levels.
4. Development of analytical and research aptitude, so as to cope up with the changes in technology through lifelong learning.
5. Imparting an education that includes communication skills, the ability to work in a team with leadership quality, devoted to societal problems with an ethical attitude and the ability to engage in lifelong learning.

Program Specific Outcomes (PSOs)

PSO1: Apply principles of engineering, electronics and computer science, physics, chemistry, environmental science, mathematics (including discrete mathematics, linear algebra and complex variables) and laboratory skills for erection, testing, operation and maintenance of high current electrical systems, such as electrical machines, power and energy systems.

PSO2: Model, analyze, design and realize real time systems involving components of processes related to electrical engineering systems used in industries and homes.

PSO3: Work with professional ethics in power system engineering, control systems engineering and software industries.