

## PROGRAMME OUTCOMES

The Power Electronics and Drives programme must demonstrate that post graduates have:

- a. An ability to apply knowledge to drives, Embedded systems and power system applications.
- b. An ability to design and conduct experiments, as well as to analyze and interpret data.
- c. An ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health & safety, manufacturability & sustainability.
- d. An ability to function in multi-disciplinary teams
- e. An ability to identify, formulate, and solve engineering / industrial problems
- f. An understanding of professional and ethical responsibility.
- g. An ability to communicate effectively.
- h. Broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context.
- i. Recognition of the need for and an ability to engage in life-long learning.
- j. Knowledge of contemporary issues.
- k. An ability to use the design techniques, skills, and modern simulation tools necessary for engineering problems.