PROGRAMME OUTCOMES

The Electrical Machines programme must demonstrate that post graduates have:

a. An ability to apply knowledge to get better machine performance, use of drives, Embedded systems and renewable energy 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.