PROGRAM OUTCOMES

Program outcomes are the narrower statements that describe what students are expected to know and be able to do by the time of graduation. These relate to the skills, knowledge and behaviour that students acquire in their matriculation through the program.

The graduate will be able to

a. Apply the knowledge of power electronics for the control of electrical systems.
b. Design and conduct experiments, as well as analyze the power electronic converters & drives and interpret the data.
c. Design system or component to meet the desired needs with in realistic constraints.
d. Function on multidisciplinary technological issues assimilating power electronics advancements.
e. Identify, formulate and model the power electronic systems as a solution to the problems in allied disciplines.
f. Acquire and demonstrate the professional, social, moral and ethical responsibility
g. Communicate effectively on complex engineering activities with the engineering community and with society at large.
h. Work with the independent and reflective thinking for problem solving in power electronics and allied fields
i. Recognize the need for and engage in life-long learning to update with or develop technologies to meet the growing and changing needs of society
j. Use the techniques, skills, and modern engineering simulation tools necessary for the design and development of power converter topologies.
k. Propose, plan and execute projects subjected to financial, personnel and time constraints in allied fields assimilating power electronics advancements.

PROGRAM EDUCATIONAL OBJECTIVES:

1.Proficient in applying sustainable and inclusive technologies to analyze, formulate and provide solutions for real time problems in diversified fields.

2. Solve complex technological problems using emerging technologies and tools.

3. Work effectively as an individual and team member with good communication skills in project execution

4. Demonstrate interdisciplinary skills and professional ethics in relating engineering issues to broader societal context.

5. Engage in life long learning for a successful professional career.