PROGRAM OUTCOMES(POs)

PO1. **Engineering knowledge**: An ability to apply knowledge of mathematics, science, and engineering for solving problems.

PO2. **Problem analysis**: An ability to identify, formulate, and solve technological problems

PO3. **Design/development of solutions**: An ability to identify needs of the society with reference to public health, environmental issues and design technology driven solutions

PO4. **Conduct investigations of complex problems**: The broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context.

PO5. **Modern tool usage**: An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.

PO6. **The engineer and society** : An ability to conduct real time experiment and process to meet the desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability.

PO7. **Environment and sustainability:** Create facility to protect the environment and encourage research in the various fields for making it a safe place to live in

PO8**. Ethics:** An understanding of professional and ethical responsibility

PO9. **Individual and team work**: An ability to function on multidisciplinary teams

PO10. **Communication:** An ability to communicate effectively to understand research literature, identify thrust areas and evolve methods of analysis for solving multidisciplinary challenges

PO11. **Project management and finance**: Competency for establishing industry

PO12. **Life-long learning**: A recognition of the need for and an ability to engage in life-long learning in new trends from time to time