Programme: B.Tech., Artificial Intelligence and Data Science **Regulations: 2025**

Program Outcomes

1. Engineering Knowledge: Apply math, science, and engineering fundamentals to complex problems.

2. Problem Analysis: Identify and analyze complex problems using research and sustainability principles.

3. Design Solutions: Design systems and processes considering health, safety, cost, culture, and environment.

4. Investigations: Use experiments, modelling, and data analysis to reach valid conclusions.

5. Engineering Tools: Apply modern tools for modelling and problem-solving, recognizing their limits.
6. Society & Environment: Assess societal, legal, and environmental impacts of engineering solutions.
7. Ethics: Commit to ethics, human values, diversity, and legal compliance.

8. Teamwork: Work effectively as an individual and in multidisciplinary teams.

9. Communication: Communicate clearly in reports, presentations, and documentation across diverse groups.

10. Management & Finance: Apply management and economic principles in projects and teamwork.
11. Lifelong Learning: Engage in continuous learning, adapt to new technologies, and think critically.

Program Specific Outcomes:

1. Design, develop, and deploy intelligent systems for real-world applications.

2. Utilize modern tools for innovative solutions in the field of AI and Data Science.

3. Demonstrate research aptitude, implement ethical practices and collaborate in multidisciplinary teams.