SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING, SHEGAON

DEPARTMENT OF INFORMATION TECHNOLOGY

PROGRAM: B.E. (INFORMATION TECHNOLOGY)

ACADEMIC SESSION: 2025-26

COURSE OUTCOMES (CBCS SCHEME)

CLASS: FINAL YEAR **SEMESTER: VIII**

Course Title: Object Oriented Analysis & Design **Course Code**: 8IT01

After successful completion of the course, students will be able to:

CO1: Explain the concepts of Object-Oriented Modeling in modern software development..

CO2: Analyze the concepts of Unified Modeling Language (UML) to represent an object-oriented system using class diagrams.

CO3: Develop use case and activity diagrams for different requirement-based system scenarios.

CO4: Analyze the problem domain to identify class models, state models, and interaction models of a system.

CO5: Evaluate and decompose a system into subsystems based on system information and requirements.

CO6: Create and organize a class design using object-oriented principles.

Course Title: Professional Ethics & Management **Course Code:** 8IT02

After successful completion of the course, students will be able to:

CO1: Apply Engineering and professional ethics, morals, and laws in day to day life

CO2: Analyze engineering ethical dilemmas using moral reasoning and professional codes of ethics.

CO3: Analyze computing ethics issues and apply IEEE Codes to privacy, intellectual property, and cyber crimes

CO4: Analyze intellectual property laws and ethical issues related to patents, trademarks, and copyrights.

CO5: Analyze ethical issues in computers, software, and digital information using professional codes of conduct.

CO6: Apply ethical responsibility in managing safety, risk, and professional relationships in IT practice

Course Title: Entrepreneurship & Project Management **Course Code:** 8IT03

After successful completion of the course, students will be able to:

CO1: Demonstrate the knowledge of entrepreneurship, need, scope, competencies and its types

CO2: Interpret knowledge on opportunities / ideas screening for entrepreneurship.

CO3: Apply knowledge on basic process of project management to solve real life problem.

CO4: Explain the details of project financing criteria

CO5: Develop critical thinking skills to solve real life Entrepreneurship and SME problems.

CO6: Develop critical thinking skills on developing a career as entrepreneurs

Course Title: Virtual & Augmented Reality (Prof.Elect.-V) (ii) **Course Code**: 8IT04

After successful completion of the course, students will be able to:

CO1: Interpret the basic concept of VR & AR.

CO2: Identify the Input/output devices for VR.

CO3: Applying the knowledge of rendering pipeline and graphics rendering pipeline in creating VR experience.

CO4: Analyze the hardware & software needed for AR.

CO5: Examine the use of Augmented Reality (AR) applications to identify their benefits, limitations, and emerging trends.