B.Sc. General in Computer Science

Programme Specific Outcome	
1.	**Scientific knowledge**: Apply the knowledge of Mathematics, Science, and computing to the solution of complex scientific problems.
2.	**Problem analysis:** Identify, formulate, research literature, and analyse complex scientific problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and applied sciences.
3.	**Design/development of solutions**: Design solutions for complex problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
4.	**Conduct investigations of complex problems**: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions
5.	**Modern tools usage:Create, select, and apply appropriate techniques, resources, and modern computing and IT tools including prediction and modelling to complex scientific activities with an understanding of the limitations.**

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Course Code	Course Name	Course Outcome
COSGCC01	Problem Solving using Computer	Understand the fundamental concepts of Computer Science.
COSGCC02	Database Management System	Explain the features of database management systems and Relational database.
COSGCC03	Operating Systems	Describe the role of operating system in their management policies and algorithms.
COSGCC04	Computer System Architecture	Basic knowledge of digital circuits and organizational units of a computer.
COSGSE01	HTML Programming	Basic knowledge of Web Designing.
COSGSE02	PHP Programming	Knowledge of connectivity between Web Pages and Data Base.
COSGSE03	Programming with Matlab	To familiarize the student in introducing and exploring MATLAB software.
COSGSE04	Android Programming	To learn designing of User Interface and Layouts for Android App
COSGDS01	Programming in Java	Understanding OOP concepts of Java, standalone and applet programs.
COSGDS02	Data Mining	Identify appropriate data mining algorithms to solve real world problems