SHAHEED BHAGAT SINGH STATE TECHNICAL CAMPUS

Moga Road, NH-95, Ferozepur -152004

(*Established by the Punjab Government*)

(Formerly Shaheed Bhagat Singh College of Engineering & Technology)

Department of Management Studies

COURSE OUTCOMES OF BSc (IT) 6th Sem

Subject code	Subject Name	CO
BS-302	Software Engineering	1. Understand the process to be followed in SDLC. 2. Define formulate and analyse a problem. 3. Apply the design and testing principle to software project development. 4. Apply the project management and analysis principles to software project development. 5. Knowledge about software development life cycle and problem articulation
BS-304	Management Information Systems	1. Solve the problems related to the analysis, design & construction of MIS. 2. Demonstrate the knowledge & ability to define the concept & definition of Information systems. 3. Describe the system development stages. 4. Describe the organizational structure & business processes within these structures. 5. Describe the system design & implementation.
BS-306	Visual Basic Programming	1. Incorporate programming control structures of sequence, selection and iteration using Visual Basic 2. Create and manipulate variables 3. Create sub procedures and functions using Visual Basic 4. Use string manipulation and sequential files in Visual Basic
BS-308	Advanced Java Programming	1. Describe the concept of multithreading and all the stages of thread. 2. Describe the input/output handling functions which includes file input stream & file output stream. 3. Develop programs using the java collection API as well as the java standard library. 4. Describe the TCP/IP protocols and UDP protocols. 5. Describe the concept of Java Database connectivity (JDBC) includes SQL package.
BS-310	Software Lab-X (Visual Basic Programming Lab)	1. Interpret and evaluate requirements for program projects. 2. Develop detailed design specifications and test strategies. 3. Identify and articulate physical requirements for systems implementation. 4. Demonstrate theoretical and working knowledge of the principles

		5. Programming through completion of tasks and projects.
		6. Use multiple operating systems and computer applications.
BS-312	Software Lab-XI (Advanced Java Programming)	1. Method to write, saves, compiles and executes Java Programs.
		2. Implement the concepts of classes, loops, condition
		3. Implement the concepts of constructors, Inheritance.
		4. Implement the concepts of Packages and Interfaces.
		5. Implement the concepts of Internet Programming using Applets.
		6. Apply basics of event programming.