Kohima Science College
Department Of Computer Science

Course Outcomes

Course & Sem	Paper Name	Course outcomes
BSc 1st Sem Core 1	Programming Fundamentals using C	1) Students should be able to write, compile and debug programs in C language. 2) Students should be able to use different data types in a computer program. 3) Students should be able to design programs involving decision structures, loops and functions. 4) Students should be able to explain the difference between call by value and call by reference 5) Students should be able to understand the dynamics of memory by the use of pointers. 6) Students should be able to use different data structures and create/update basic data files
BSc 1st Sem Core 2	Computer System Architecture	1) To learn about how computer systems work and underlying principles 2) To understand the basics of digital electronics needed for computers 3) To understand the basics of instruction set architecture for reduced and complex instruction sets 4) To understand the basics of processor structure and operation 5) To understand how data is transferred between the processor and I/O devices
BSc 2nd Sem Core 3	Data Structures	1) Learn about Data structures, its types and significance in computing 2) Explore about Abstract Data types and its implementation.
BSc 2nd Sem Core 4	Programming in Java	1. Object oriented programming concepts using Java. 2. Knowledge of input, its processing and getting suitable output. 3. Understand, design, implement and evaluate classes and applets. 4. Knowledge and implementation of AWT package.
BSc 3rd Sem Core 5	Object Oriented Programming in C++	1) Students should be able to write, compile and debug programs in C++ language. 2) Students should be able to use different data types in a computer program. 3) Students should be able to design programs involving decision structures, loops and functions. 4) Students should be able to explain the difference between call by value and call by reference 5) Students should be able to understand the dynamics of memory by the use of pointers. 6) Students should be able to use different data structures and create/update basic data files
BSc 3rd Sem Core 6	Operating Systems	1. To provide a understanding of operating system, its structures and functioning 2. Develop and master understanding of algorithms used by operating systems for various purposes.

BSc 3rd Sem Core 7	Computer Networks	1. Learner will be able to understand the concepts of networking, which are important for them to be known as a networking professionals'. 2. Useful to proceed with industrial requirements and International vendor certifications.
BSc 4th Sem Core 8	Design and Analysis of Algorithms	Understand the principles and practices of Algorithms techniques
BSc 4th Sem Core 9	Software Engineering	1.Understand various software testing methods and strategies. Understand a variety of software metrics, and identify defects and managing those defects for improvement in quality for given software. 2.Design SQA activities, SQA strategy, formal technical review report for software quality control and assurance
BSc 4th Sem Core 10	Database Management Systems	1.Students should be able to evaluate business information problem and find the requirements of a problem in terms of data. 2) Students should be able to design the database schema with the use of appropriate data types for storage of data in database. 3) Students should be able to create, manipulate, query and back up the databases.
BSc 5th Sem Core 11	Internet Technologies Internet	1. To design valid, wellformed, scalable, and meaningful pages using emerging technologies. 2. Understand the various platforms, devices, display resolutions, viewports, and browsers that render websites 3. To develop and implement client-side and server-side scripting language programs. 4. To develop and implement Database Driven Websites. 5. Design and apply XML to create a markup language for data and document centric applications.
BSc 5th Sem Core 12	Theory of Computation	1. Understand Grammar and Languages 2. Learn about Automata theory and its application in Language Design 3. Learn about Turing Machines and Pushdown Automata 4. Understand Linear Bound Automata and its applications
BSc 6th Sem Core 13	Artificial Intelligence	After completion of this course, learner should get a clear understanding of AI and different search algorithms used for solving problems. The learner should also get acquainted with different learning algorithms and models used in machine learning.
BSc 6th Sem Core 14	Computer Graphics	1 Understand the basic concepts of Computer Graphics. 2 Demonstrate various algorithms for scan conversion and filling of basic objects and their comparative analysis.