

Program Name : Bachelor's of Computer Applications
 Course outcome (CO)

BCA I Semester		BCA III Semester		BCA V Semester			
CA1106	CO1	Student should explain about the basic knowledge in computer system and its functions, input/output devices and storage unit.		CO1	To find solution where analytical solution is not possible.		
	CO2	Student must establish the knowledge about the operating systems and various DOS commands.	MA1304	CO2	Enable the students to collect, classify, interpret and compare data and also to write algorithm for generating random numbers.	CO2	Analyze the tradeoffs inherent in operating system design.
	CO3	Student can gain elementary knowledge in multimedia technologies such as multimedia components, design tools, hardware, peripherals, authoring tools and algorithms.		CO3	Able to apply the concept of probability theory.	CO3	Apply the knowledge of the services available under the Operating Systems and designing solution for process synchronization problem.
BA1110	CO1	To Provide an understanding of basic concepts, principles and practices of mangement.				CO4	Evaluate the performance of computing resources (such as CPU and Memory) that are managed by the Operating System.
	CO2	To familiarize the students with the managerial functions in an organization.					

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CA1105	CO3	Design and understand the function of basic combinational logic circuits.							
	CO4	Construct truth table and draw waveform diagram of latches and flip-flops							
	CO5	Design and analyse sequential logic circuits such as latches and flip-flops							
	CO6	Understand the PC hardware and microprocessors at a later stage.							
			CA1304						
	CO3	To understand and implement non-linear data structures and the various operations on them.							
	CO4	To analyze and select the appropriate data structure for a task.							
	CO1	Student should be able to explain the concept of class, object structure, functions, static data member and function passing object to function.							
	CO2	Student can analysis the class constructor and destructor, Array and Pointers, Function & operator overloading.							
	CO3	Student can explain the inheritance, polymorphism and virtual functions.							
	CO4	Student will learn working with templates and files and managing console I/O operations and working with files.							
			CA1539						
	CO3	Code programs and develop interface using Visual Basic .Net							
	CO4	Perform tests, resolve defects and revise existing code							
	CO5	Use software engineering approach in solving problem using .Net Technology							
	CO1	Understand basic concepts of C# programming language.							
	CO2	To use various control statements in writing a program							
	CO3	To use OOP concept to write program in C#							
	CO4	To handle exceptions in program for efficient functioning of a program.							
	CO5	To use Application Program to solve Edinbure Applications Department Sikkim Manipal Institute of Technology							

