

PROGRAMME OUTCOME, PROGRAMME SPECIFIC OUTCOME AND OF BCA PROGRAMME UNDER CBCS SCHEME

BCA.	
PROGRAMME OUTCOME	<p>Programme’s Mission & Vision</p> <ul style="list-style-type: none"> • To provide skilled manpower to the professional, industrial and service sectors to meet global demands and also to provide intellectual leadership to the community. • To help and promote the cultural heritage of the nation and preserve the environmental sustainability and quality of life. <p>Objectives</p> <ol style="list-style-type: none"> a) To attract young minds in order to bring out the already in computer hardware, software and networks. b) To inculcate logical thinking amongst the young minds. c) To be a foundation graduate Programme which will act as a feeder course for higher studies in the area of Computer Science/Applications. c) To develop skills in software development so as to enable the BCA graduates to take up self employment in Indian & Global software market. d) Become a responsible citizen with leadership qualities to strengthen India’s economy in the IT sector. e) Analytical and computational approaches on and face the challenges boldly. f) The student should drive scientific and societal advancement through technological innovation and become a successful entrepreneur. <p>Programme outcome: The students will be able to</p> <ul style="list-style-type: none"> - Acquire skills and information not only about Computer and Information Technology but also in communication, organization and management. - They are well equipped with the skills of Engineering approach in software development. - Get to learn programming languages such as C, C++, HTML, SQL, DBMS, Networking etc. - Information about various computer applications and latest developments in IT and communication systems is also provided. <p>They develop an ability to acquire and apply new knowledge as</p>

	<p>needed, using appropriate learning strategies.</p> <ul style="list-style-type: none"> <input type="checkbox"/> apply knowledge of computing and mathematics appropriate to the discipline. <input type="checkbox"/> identify, formulate, and develop solutions to computational challenges. <input type="checkbox"/> design, implement, and evaluate a computational system to meet desired needs within realistic constraints. <input type="checkbox"/> function effectively on teams to accomplish shared computing design, evaluation, or implementation goals. <input type="checkbox"/> Ability to work in team and build leadership qualities. <input type="checkbox"/> Importance of time in completing the projects on time. <input type="checkbox"/> Will be well equipped with thorough knowledge of various softwares. <input type="checkbox"/> Will be familiar with working with various operating system platforms. <input type="checkbox"/> Understand the professional, ethical, legal, security, and social issues and responsibilities in computing profession. <input type="checkbox"/> Analyse impacts of computing on individuals, organizations, and society. <input type="checkbox"/> Recognition of the need for and ability to engage in continuing professional development. <input type="checkbox"/> Will be able to choose appropriate techniques, skills, and tools necessary for <input type="checkbox"/> Designing of correct models in the construction of software systems of varying complexity.
PROGRAMME SPECIFIC OUTCOME	<p>The students acquire a depth and rigorous knowledge on software development process and the milestones to be met</p> <p>Can be immediately recruited in both (within) the country and in the global software market.</p> <p>Will also be eligible to persue MCA, DAAD, GRE-TOFEL for MS degree..</p>
COURSE OUTCOME AND COURSE SPECIFIC OUTCOMES OF FIRST SEMESTER	
SEMESTER 1	
COURSE OUTCOME Problem Solving Techniques using C	<ul style="list-style-type: none"> - Illustrate the flowchart and designing an algorithm for a given problem to develop c programs using operators. - Develop conditional and iterative statements to write c programs. - Exercise user defined functions to solve real time problems. - c programs that use pointers to access arrays ,strings and functions. - Exercise user defined data types including structures and

	<p>unions to solve problems.</p> <ul style="list-style-type: none"> - Exercise files concept to show input and output of files in c. <p>Objectives</p> <p>a) To inculcate logical thinking amongst the young minds.</p>
COURSE SPECIFIC OUTCOME	Learns the basic computer language
C Programming Lab	<p>CO1: To write programs to understand selection and iterative statements.</p> <p>CO2: To write programs to implement usage of 1D and 2D arrays .</p> <p>CO3: To develop code reusable programs using user defined functions.</p> <p>co4: To write programs to solve memory access problems using pointers.</p> <p>CO5: To write programs using user defined datatypes.</p> <p>CO6: To develop programs to learn file handling mechanism.</p> <p>Objectives</p> <p>a) To make students realize that C programming is more practical oriented than theoretical.</p>
COURSE SPECIFIC OUTCOME	Gets hands on experience of C language.
Digital Electronics/Computer Organization	<p>CO1: Interpret the functional architecture of computing systems. (Understanding)</p> <p>CO2: Classify and compute the performance of machines.</p> <p>CO3: Understand how to implement memory chips, boards, modules and caches.</p> <p>CO4: Relate to arithmetic for ALU implementation.</p> <p>Objectives</p> <p>a) To make the students realize the importance of hardware.</p>
COURSE SPECIFIC OUTCOME	Students will learn the concepts of computer organization by which the students should be
Digital Electronics Lab /Office Automation Lab	<ul style="list-style-type: none"> - Students learn the various word processing features which is very helpful in preparing project reports and other documentations in future. - Students learn the features of electronic spreadsheets which is a prerequisite in any global market. - Students learn the skills of giving professional presentations

	<p>which is an absolute necessity of the current .</p> <p>Objectives</p> <p>a) To make the students realize the importance of hardware,</p>
COURSE SPECIFIC OUTCOME	Students develop the skills of Office Automation process.
Discrete Mathematics	<p>Students will be able to:</p> <ol style="list-style-type: none"> 1. Write an argument using logical notation and determine if the argument is or is not valid. 2. Demonstrate the ability to write and evaluate a proof or outline the basic structure, give examples of each proof technique described. 3. Understand the basic principles of sets and operations in sets. 4. Prove basic set equalities. 5. Apply counting principles to determine probabilities. 6. Demonstrate an understanding of relations and functions and be able to determine their properties. 7. Demonstrate different traversal methods for trees and graphs. 8. Model problems in Computer Science using graphs and trees. <p>Objectives</p> <p>a) To inculcate logical thinking amongst the young minds.</p> <p>b) To make the students realize the importance of applied mathematics like graph theory, set theory.etc.</p>
COURSE SPECIFIC OUTCOME	In this course the student learns several important topics of Discrete Mathematics. This includes Set theory and logic, relations, partially ordered sets, Boolean algebra and Boolean functions, analysis of algorithms, recurrence relations, finite state machines, discrete probability and graph theory.
SEMESTER 2	
Data structures	<p>Describe how arrays, records, linked structures, stacks, queues, trees, and graphs are represented in memory and used by algorithms</p> <ul style="list-style-type: none"> •Demonstrate different methods for traversing trees •Compare alternative implementations of data structures with respect to performance •Compare and contrast the benefits of dynamic and static data structures implementations •Discuss the computational efficiency of the principal algorithms for sorting, searching. <p>Objectives</p>

	<p>a) To inculcate logical thinking amongst the young minds.</p> <p>b) To make the students realize the importance of advance features of data structures.</p>
COURSE SPECIFIC OUTCOME	Better understanding of data structures
Data Structures Lab	a) To inculcate logical thinking amongst the young minds.
COURSE SPECIFIC OUTCOME	Better understanding of data structures
Database Management System	<ul style="list-style-type: none"> • Familiarization with Database Management System. • Comprehensive knowledge of database models. • Ability to code database transactions using SQL. • Skill to write PL/SQL programs • Be familiar with a commercial relational database system (Oracle) by writing SQL using the system. • Be familiar with the relational database theory, and be able to write relational algebra expressions for queries. • sound design principles for logical design of databases, including the E-R method and Normalization approach. • Usage of DML and TCL statements. • Master the basics of PL/SQL Composite Data types like Procedures, Functions, Packages and Triggers. <p>Objectives</p> <p>a) To attract young minds in order to bring out the already manifesting skills in DBMS software and networks.</p> <p>b) To inculcate logical thinking amongst the young minds.</p> <p>c) To make the students realize the importance of Relational Database management systems.</p>
	<ul style="list-style-type: none"> • Master the basic concepts and appreciate the applications of database systems.
DBMS Lab	<ul style="list-style-type: none"> • Master the basics of SQL and construct queries using SQL.
COURSE SPECIFIC OUTCOME	<ul style="list-style-type: none"> • Master the basic concepts and appreciate the applications of database systems. • Master the basics of SQL and construct queries using SQL.
Numerical and Statistical Methods	<p>1 Demonstrate understanding of common numerical methods and how they are used to obtain approximate solutions to otherwise intractable mathematical problems.</p> <p>2 Apply numerical methods to obtain approximate solutions to</p>

	<p>mathematical problems.</p> <p>3 Derive numerical methods for various mathematical operations and tasks, such as interpolation, differentiation, integration, the solution of linear and nonlinear equations, and the solution of differential equations.</p> <p>4 Analyse and evaluate the accuracy of common numerical methods.</p> <p>Objectives</p> <p>a) To understand the importance of Numerical and statistical methods problems.</p>
COURSE SPECIFIC OUTCOME	Implement numerical methods in Matlab.
SEMESTER 3	
Object Oriented Programming using C++	<ul style="list-style-type: none"> • Describe the procedural and object oriented paradigm with concepts of streams, classes, functions, data and objects • Implement dynamic memory allocation techniques & different types of functions. • Apply and implement major object oriented concepts like message passing, function overloading, operator overloading and inheritance to solve real-world problems. • Learn Objects, Classes, Methods, Constructors and Destructors. • Describe & implement the concept of constructor, destructor & operator overloading • Learn about Inheritance: Single Inheritance, Multiple Inheritance, Multi-level Inheritance, Hierarchical Inheritance and Hybrid Inheritance • Classify & implement inheritance with the concept of virtual functions and polymorphism. • Implement the console I/O operations & templates 6 Apply advanced techniques such as exception handling and file handling. • To study the designing of complex classes: Friend Functions and Static member functions, Inline functions. • For resolving run-time errors implementation of Try - Catch and finally block using Exception Handling mechanism. • Develop applications using Console I/O and File I/O to deal with large data set. <p>Objectives</p> <p>a) To attract young minds in order to bring out the already manifesting skills in C++ software.</p> <p>b) To inculcate logical thinking amongst the young minds.</p> <p>c) To make the students realize the importance of C++.</p>

COURSE SPECIFIC OUTCOME	Familiarization with a widely used programming concept – Object Oriented Programming AND Develop logical thinking.
C++ Lab	<ul style="list-style-type: none"> • Familiarization with a widely used programming concept – Object Oriented Programming AND Develop logical thinking. • Describe the procedural and object oriented paradigm with concepts of streams, classes, functions, data and objects • Implement dynamic memory allocation techniques & different types of functions. • Apply and implement major object oriented concepts like message passing, function overloading, operator overloading and inheritance to solve real-world problems. • Learn Objects, Classes, Methods, Constructors and Destructors. • implement the concept of constructor, destructor & operator overloading • Learn about Inheritance: Single Inheritance, Multiple Inheritance, Multi-level Inheritance, Hierarchical Inheritance and Hybrid Inheritance • implement inheritance with the concept of virtual functions and polymorphism. • Implement the console I/O operations & templates 6 Apply advanced techniques such as exception handling and file handling. • designing of complex classes: Friend Functions and Static member functions, Inline functions. • For resolving run-time errors implementation of Try - Catch and finally block using Exception Handling mechanism. • Develop applications using Console I/O and File I/O to deal with large data set. <p>Objectives</p> <ol style="list-style-type: none"> a) To attract young minds in order to bring out the already manifesting skills in C++ software. b) To inculcate logical thinking amongst the young minds. c) To make the students realize the importance of C++.
COURSE SPECIFIC OUTCOME	Familiarization with a widely used programming concept – Object Oriented Programming AND Develop logical thinking.
Financial Accounting and Management	<ul style="list-style-type: none"> • Identify events that need to be recorded in the accounting records • Develop the skill of recording financial transactions and preparation of reports • Describe the role of accounting information and its limitations

	<ul style="list-style-type: none"> • Equip with the knowledge of accounting process and preparation of final accounts of sole trader • Identify and analyze the reasons for the difference between cash book and pass book balances • Recognize circumstances providing for increased exposure to errors and frauds • Determine the useful life and value of the depreciable asset <p>Objectives</p> <ol style="list-style-type: none"> a) the role of accounting information and its limitations. b) Equip with the knowledge of accounting process and preparation of final accounts of trader.
COURSE SPECIFIC OUTCOME	Acquire conceptual knowledge of basics of accounting
Accounting Package Lab	<p>Practical knowledge using TALLY package</p> <ul style="list-style-type: none"> • Identify events that need to be recorded in the accounting records • Develop the skill of recording financial transactions and preparation of reports <p>Objectives</p> <ol style="list-style-type: none"> a) the role of accounting information and its limitations. b) Equip with the knowledge of accounting process and preparation of final accounts of sole trader.
COURSE SPECIFIC OUTCOME	Acquire conceptual knowledge of basics of accounting
Operating System	<ol style="list-style-type: none"> 1: Analyze the structure of OS and basic architectural components involved in OS design. 2: Analyze and design the applications to run in parallel either using process or thread models of different OS. 3: Analyze the various device and resource management techniques for timesharing and distributed systems. 4: Understand the Mutual exclusion, Deadlock detection and agreement protocols of Distributed operating system. 5: Interpret the mechanisms adopted for file sharing in distributed Applications. 6: Conceptualize the components involved in designing a contemporary OS.

	<p>Objectives:</p> <p>a) Learn to analyze and design the applications to run in parallel either using process or thread models of different OS. 3: Analyze the various device and resource management techniques for timesharing and distributed systems.</p>
COURSE SPECIFIC OUTCOME	Conceptualize the components involved in designing a contemporary OS.
SEMESTER 4	
Visual Programing	<p>The student will use VB to build Windows applications using structured and object-based programming techniques. Students are exposed to the following concepts and skills at an Introductory conceptual level:</p> <ul style="list-style-type: none"> • Design, formulate, and construct applications with VB • Integrate variables and constants into calculations applying VB. • Determine logical alternatives with VB decision structures • Implement lists and loops with VB controls and iteration • Separate operations into appropriate VB procedures and functions • Assemble multiple forms, modules, and menus into working VB solutions • Create VB programs using multiple array techniques • Build integrated VB solutions using files and structures with printing capabilities • Translate general requirements into data-related solutions using database concepts • Learn and Design applications using VC++ concepts like dialog boxes, menus etc <p>Objectives:</p> <p>a) Learn to develop front end application programs.</p>
COURSE SPECIFIC OUTCOME	Build integrated VB solutions
Visual Programing Lab	<p>The student will use VB to build Windows applications using structured and object-based programming techniques. Students are exposed to the following concepts and skills at an Introductory conceptual level:</p> <p>Objectives:</p> <p>a) Learn to develop front end application programs.</p>
COURSE SPECIFIC OUTCOME	Build integrated VB solutions
Unix Shell	<p>1) Able to understand the use of OOPs concepts. 2) Able to solve real world problems using OOP techniques.</p>

programming	<p>3) Able to understand the use of abstraction. 4) Able to understand the use of Packages and Interface in java. 5) Able to develop and understand exception handling, multithreaded applications with synchronization. 6) Able to design GUI based applications and develop applets for web applications. 7)Able to handle IO streams Use and create package and interfaces in a Java program.</p> <p>Objectives:</p> <p>a) Able to run various UNIX commands on a standard UNIX/LINUX Operating system b) student will be able to understand the theoretical aspects of shell programming on UNIX OS</p>
COURSE SPECIFIC OUTCOME	Knowledge of UNIX OS.
Unix Lab	a) student will be able to do shell programming on UNIX OS
COURSE SPECIFIC OUTCOME	Practical knowledge of UNIX OS.
Operation Research	<p>Identify and develop operational research models from the verbal description of the real system. Understand the mathematical tools that are needed to solve optimisation problems. Use mathematical software to solve the proposed models.</p>
COURSE SPECIFIC OUTCOME	Develop a report that describes the model and the solving technique, analyse the results and propose recommendations in language understandable to the decision-making processes in Management Engineering.
SEMESTER 5	
Data Communication and Networks	<ul style="list-style-type: none"> - Explain the local, metropolitan and wide area networks using the Standard OSI reference model. - Discussion of various networking technologies. Explain the concepts of protocols, network interfaces and design of performance issues in local area networks and wide area networks. - Describe about wireless networking concepts, contemporary issues in networking technologies, network tools and network programming.

	<ul style="list-style-type: none"> - Explain the analysis of different types of protocol and the comparison of number of data link, network and transport layer protocols. - Describe the functions of each layer in OSI and TCP/IP model. Explain the functions of Application layer and Presentation layer paradigms and Protocols. - Describe the Session layer design issues and Transport layer services. Classify the routing protocols and analyze how to assign the IP addresses for the given network. - Describe the functions of data link layer and explain the protocols. Explain the types of transmission media with real time applications. <p>Objectives:</p> <ul style="list-style-type: none"> - To realize the importance of basic networks and hardware.
COURSE SPECIFIC OUTCOME	Can pursue a career as Network Admin. Is equipped with required knowledge to take up CISCO certified exams such as CCNA, CCNP,A+ etc.
Software Engineering	<p>Graduates of the program are expected to demonstrate:</p> <ol style="list-style-type: none"> 1. an ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics 2. an ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors 3. an ability to communicate effectively with a range of audiences 4. an ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts 5. an ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives 6. an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions 7. an ability to acquire and apply new knowledge as needed, using appropriate learning strategies 8. The ability to analyze, design, verify, validate, implement, apply, and maintain software systems 9. The ability to appropriately apply discrete mathematics, probability and statistics, and relevant topics in computer science and supporting disciplines to complex software systems 10. The ability to work in one or more significant application

	<p>domain</p> <p>Objectives:</p> <p>a) Realizes the importance of the various phases in project development.</p> <p>b) Develops an ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics</p> <p>c) Learns the ability to acquire and apply new knowledge as needed, using appropriate learning strategies.</p>
COURSE SPECIFIC OUTCOME	The ability to work in one or more significant application domain
Computer Architecture	<p>Understand the theory and architecture of central processing unit.</p> <ol style="list-style-type: none"> 1. Analyze some of the design issues in terms of speed, technology, cost, performance. 2. Design a simple CPU with applying the theory concepts. 3. Use appropriate tools to design verify and test the CPU architecture. 4. Learn the concepts of parallel processing, pipelining and interprocessor communication. 5. Understand the architecture and functionality of central processing unit. 6. Exemplify in a better way the I/O and memory organization. 7. Define different number systems, binary addition and subtraction, 2's complement representation and operations with this representation. <p>Objectives:</p> <p>a) Learns the theory and architecture and functionality of central processing unit.</p>
COURSE SPECIFIC OUTCOME	Design a simple CPU (by) applying the theory concepts.
Java Programming	<ol style="list-style-type: none"> 1) Able to understand the use of OOPs concepts. 2) Able to solve real (time) problems using OOP techniques. 3) Able to understand the use of abstraction. 4) Able to understand the use of Packages and Interface in java. 5) Able to develop and understand exception handling, multithreaded applications with synchronization. 6) Able to design GUI based applications and develop applets for web applications. 7) Able to handle IOstreams

	<p>Use and create package and interfaces in a Java program.</p> <p>Objectives:</p> <p>A Understands the theoretical aspects of Java application programs using OOP principles and proper program structuring.</p>
COURSE SPECIFIC OUTCOME	Learns the basic Java which is a stepping stone to learn Advance Java.
Java Programming Lab	<p>1)Write Java application programs using OOP principles and proper program structuring</p> <p>2)Write programs using Java collection API as well as the java standard class library.</p> <p>3) write java programs using inheritance, exceptions, threads, graphics and iostreams.</p> <p>Objectives:</p> <p>a) Learns to develop Java application programs using OOP principles</p>
COURSE SPECIFIC OUTCOME	<p>1)Write Java application programs using OOP principles and proper program structuring</p> <p>2)Write programs using Java collection API as well as thejava standard class library.</p> <p>3) write java programs using inheritance,exceptions,threads,applets,graphics and iostreams.</p>
Microprocessor and Assembly Language	<ul style="list-style-type: none"> · The student will be able to select an appropriate ‘architecture’ or program design to apply to a particular situation; e.g. an interrupt-driven I/O handler for a responsive real-time machine. · the student will be able to design and build the necessary assembly language programs using various 8085 instructions. · The student will be able to characterise and predict the effects of the properties of the bus on the overall performance of a system. · Understand the taxonomy of microprocessors and knowledge of contemporary microprocessors. · Demonstrate programming using the various addressing modes and instruction set of 8085 microprocessor · Understand the concept & types of interrupts ,counters, timing delays · Learn BCD and its operations · Demonstrate interfacing of special purpose programmable

	<p>peripheral devices with microprocessor</p> <ul style="list-style-type: none"> · Understand architecture, memory management of 8079,8051,8055 chips <p>Objectives:</p> <p>a) Understand the taxonomy of microprocessors and knowledge of contemporary microprocessors.</p>
COURSE SPECIFIC OUTCOME	The student will be able to analyse, specify, design, write and test assembly language programs of moderate complexity.
Microprocessor and Assembly Language Lab	<ul style="list-style-type: none"> · Objectives: <p>a) Understand the taxonomy of microprocessors and knowledge of contemporary microprocessors.</p>
COURSE SPECIFIC OUTCOME	The student will be able to analyse, specify, design, write and test assembly language programs of moderate complexity.
Project	<p>CO1: Allows a student to demonstrate their capabilities while working independently</p> <p>CO2: Ability to apply desired skills for doing research</p> <p>CO3: Ability to work with their peers, building teamwork and group skills</p> <p>Objectives:</p> <p>a) To understand analyse and cater to the current day requirements in the software Industry.</p>
COURSE SPECIFIC OUTCOME	Readiness for the Software Industry
SEMESTER 6	
Theory of Computation	<ul style="list-style-type: none"> • Demonstrate advanced knowledge of formal computation and its relationship to languages • Distinguish different computing languages and classify their respective types • Recognise and comprehend formal reasoning about languages • Explain the models of computation, including formal languages, grammars and automata, and their connections. • State and explain the Church-Turing thesis and its significance. • Analyse and design finite automata, pushdown automata, Turing machines, formal languages, and grammars. • Solve computational problems regarding their computability and complexity and prove the basic results of

	<p>the theory of computation.</p> <ul style="list-style-type: none"> • Model, compare and analyse different computational models • Apply rigorously formal mathematical methods to prove properties of languages, grammars and automata. • Construct algorithms for different problems and argue formally about correctness on different restricted machine models of computation. • Identify limitations of some computational models and possible methods of proving them. <p>Objectives:</p> <p>a) To gain advanced knowledge of formal computation and its relationship to languages</p>
COURSE SPECIFIC OUTCOME	Have an overview of how the theoretical study in this course is applicable to and engineering application like designing the compilers.
System Programming	<p>Identify and develop operational research models from the verbal description of the real system. Understand the mathematical tools that are needed to solve optimisation problems. Use mathematical software to solve the proposed models. Develop a report that describes the model and the solving technique, analyse the results and propose recommendations in language understandable to the decision-making processes in Management Engineering.</p> <p>Objectives:</p> <p>Learns to develop a report that describes the model and the solving technique, analyse the results and propose recommendations in language understandable to the decision-making processes in Management Engineering.</p>
COURSE SPECIFIC OUTCOME	
Web Programming	<p>Upon successful completion of the course, the student will demonstrate the ability to:</p> <ul style="list-style-type: none"> • Understand the major areas and challenges of web programming. • Distinguish web-related technologies. • Use in HTML5, CSS3, JavaScript • Use a server-side scripting language, PHP • Use a relational DBMS, MySQL • Design and implement of typical static web pages and interactive web applications. <p>Design of dynamic web applications.</p>

	<p>Objectives:</p> <p>a) To understand design and implement typical static web pages and interactive web applications.</p> <p>b) Also to design dynamic web applications."</p>
COURSE SPECIFIC OUTCOME	Well equipped with theoretical aspects of Web related Technologies
Web Programming Lab	<p>"Upon successful completion of the course, the student will</p> <p>Objectives:</p> <p>a) To understand design and implement typical static web pages and interactive web applications.</p> <p>b) Also to design dynamic web applications."</p>
COURSE SPECIFIC OUTCOME	Well equipped with Web related Technologies
Project Work	<p>CO1: Allows a student to demonstrate their capabilities while working independently</p> <p>CO2: Ability to apply desired skills for doing research</p> <p>CO3: Ability to work with their peers, building teamwork and group skills</p> <p>CO4: Plan for their future technology.</p> <p>Objectives:</p> <p>a) To understand analyse and cater to the current day requirements in the software Industry.</p>
COURSE SPECIFIC OUTCOME	Preparedness for the Software Industry
GS: COMPUTER APPLICATION AND INFORMATION Technology	<p>CO1 :Apply the knowledge of mathematics, science and computing in the core information technologies.</p> <p>CO2: Identify, design, and analyze complex computer systems and implement and interpret the results from those systems.</p> <p>Objectives:</p> <p>a) To understand the core information technologies involved in mathematics, science and computing.</p> <p>b) To prepare project reports in their respective subjects independently.</p>
	- Helps the students to prepare their project documentation.

