Karpaga Vinayaga College of Engineering and Technology
Department of Computer Science and Engineering
Course Outcomes (R-2013)

	HS6151 Technical English
C101.1	Listen, understand and respond to others in different situations.
C101.2	Writing with clarity in simple, apt and flawless language with coherence and cohesion
C101.3	Explain basic grammar techniques and utilise it in enhancing language development.
C101.4	Reading and comprehend a variety of texts adopting different reading skills
C101.5	Developing flair for any kind of writing with rich vocabulary and proper syntax.
C101.6	Writing technical articles and present papers on any topic of any genre.
	MA6151 Mathematics
C102.1	Applying mathematical techniques to problems in a wide range of practical engineering problems.
C102.2	Constructs arguments to prove and justify results.
C102.3	Manipulates algebraic expressions involving exponential functions.
C102.4	Manipulates algebraic expressions involving logarithmic functions.
C102.5	Techniques of integration to calculate areas and volumes.
C102.6	Interpret and communicate mathematics in a variety of problem solving..
	PH6151 Engineering Physics
C103.1	Explain the Young's modulus and Rigidity modulus of elasticity of materials and its determination through experimental methods
C103.2	Characteristics of laser light and their application in semiconductor laser.
C103.3	Principle behind the propagation of light through an optical fibre and its application in sensors.
C103.4	Different modes of heat transfer .
C103.5	Relate and explain the quantum concepts in electron microscopes.
C103.6	To apply the unit cell characteristics and the growth of crystals..
	Cy6151 Engineering Chemistry
C104.1	Concepts of basics of polymer chemistry
C104.2	Concepts of types of polymers, polymerization reactions, polymerization techniques and fabrication methods of polymers for engineering applications
C104.3	Concepts of second law of thermodynamics and second law based derivations of importance in engineering applications in all disciplines

C104.4	Concepts of phase rule in the alloying and the behaviour of one component and two component systems using phase diagram
C104.5	Importance of photophysical and photochemical processes and spectroscopy .
C104.6	Basics of nano materials, their properties and applications .
	Ge6151 Computer Programming
C105.1	Concepts of organization of digital computer and design the solution for simple computing problems using algorithm, flowchart and pseudo code
C105.2	Different looping structure to solve simple scientific and statistical problems. .
C105.3	Concepts of identifying the solutions for simple problems using arrays and strings .
C105.4	Usage of dynamic memory allocation and pointer variables .
C105.5	Concepts of structure and union with an example programs .
C105.6	Development of simple software and applications .
	Ge6152 Engineering Graphics
C106.1	Concept about conics and orthographic views of engineering components .
C106.2	Projection of points, lines and planes
C106.3	Concepts of solids and projection of solids at different positions .
C106.4	Concepts of sectioned view of solids and development of surface .
C106.5	Concepts of to apply isometric projection and perspective views of an object/solid .
C106.6	Concept about conics and orthographic views of engineering components .
	Ge6161 Computer Practices Laboratory
C107.1	Fundamental concepts and basics commands in C .
C107.2	Develop, compile and debug programs in C language .
C107.3	Formulate problems and implement algorithms in C. .
C107.4	Select programming components that efficiently solve computing problems in real-world. .
C107.5	Good programming design methods for program development. .
C107.6	To develop recursive programs .
	E6163 Physics And Chemistry Laboratory – I
C108.1	Determine optical fibre parameters using laser properties. .
C108.2	Measure the velocity of ultrasonic waves in a given liquid medium .
C108.3	Compute the wavelength of mercury spectrum using properties of light .
C108.4	Compute the thermal conductivity of a bad conductor using Lee's method. .

C108.5	Estimate acids and bases quantitatively based on the conductance of the solution .
C108.6	Estimate acids and bases quantitatively based on ph level of the solution .
	HS6251 Technical English – II
C109.1	Concepts of breakdown the ideas in to its elementary constituents, analyze and act after a meaning full thought process.
C109.2	Concepts to analyze the phrase and passage and explicitly pass on the ideas meaning fully.
C109.3	Manage to interpret the given phrase or the graphical rendering and review the contents well individually or as a group.
C109.4	Concentrate on the communication aspect of complicated ideas and respond positively.
C109.5	Debate the issues and find the rudiments of the problem individually and as a group..
C109.6	Intelligently and seek clarification and understand completely.
	MA6251 Mathematics – II
C110.1	Apply Laplace transform technique to solve the given ordinary differential equation.
C110.2	Concepts of vector calculus, needed for problems in all engineering disciplines..
C110.3	Concepts of compute line, surface and volume integral using Gauss divergence, Green's and stoke's theorem..
C110.4	Find the singularities and its corresponding residues for the given function .
C110.5	Double integral over general areas and triple integral over general volumes .
C110.6	Apply Gauss Divergence theorem for evaluating the surface integral .
	PH6251 Engineering Physics – II
C111.1	Use of magnetic materials .
C111.2	The use of semiconducting materials .
C111.3	Describe the modern engineering materials and its appliications .
C111.4	The dielectric materials and its applications .
C111.5	Advance engineeing materials and its applications .
C111.6	Explain various types of materials and their applications in engineering and technology .
	CS6201 Digital Principles and System Design
C112.1	Apply the Boolean functions using K-Map .
C112.2	Concepts of Interpret Combinational circuits for a given functions using logic gates.
C112.3	Concepts of Recognise Synchronous Sequential circuits for the given condition .
C112.4	Concepts of Recognise Asynchronous Sequential circuits for the given condition .
C112.5	Apply Programmable Logic towards memory management .

C112.6	Solve verilog codes for the design of digital circuits .
	CY6251 Engineering Chemistry – II
C113.1	Boiler feed water requirements, related problems and water treatment techniques .
C113.2	Reduction reactions as they relate to engineering applications, such as corrosion .
C113.3	Principles of electrochemical reactions, redox reactions in corrosiion of materials and methods for corrosion prevention and protection of materials .
C113.4	Principles and generation of energy in batteries, nuclear reactors, solar cells, wind mills and fuel cells.
C113.5	Preparation, properties and applications of engineering materials .
C113.6	Types of fuels, calorific value calculations, manufacture of solid, liquid and gaseous fuels .
	CS6202 Programming and Data Structures I
C114.1	Concepts of linear data structures using array and linked list .
C114.2	Data structures like stacks, queues in linear data structure.
C114.3	Concepts of non-linear data structures tree and its application .
C114.4	Concepts of various algorithms in graph .
C114.5	Solve searching, sorting and hashing techniques in data structures.
C114.6	Interpret sorting algorithms for a give problem .
	GE6262 Physics and Chemistry Laboratory – II
C115.1	Demonstrate the application of a diode laser to determine the characteristics of a given optical fibre .
C115.2	Demonstrate the estimation of hydrochloric acid present in the given solution using ph meter .
C115.3	Estimate the mixture of acids by conductometry .
C115.4	Determine Coefficient of viscosity of a liquid using Poiseuille"s method .
C115.5	Determine Rigidity modulus using torsion pendulum.
C115.6	Determine cao in cement .
	CS6211 Digital Laboratory
C116.1	Design simplified combinational circuits using basic logic gates .
C116.2	Design combinational circuits using MSI devices .
C116.3	Design sequential circuits like registers and counters .
C116.4	Simulate combinational and sequential circuits using HDL . .
C116.5	Design and implementation of 4-bit binary adder / subtractor .
C116.6	Design and Implement a simple digital system. .
	CS6212 Programming and Data Structures Laboratory

C201.1	Write functions to implement linear and non-linear data structure operations
C201.2	Suggest appropriate linear / non-linear data structure operations for solving a given problem
C201.3	Make use of linear / non-linear data structure operations for a given problem
C201.4	Apply appropriate hash functions that result in a collision free scenario for data storage and retrieval
C201.5	Apply sorting and searching algorithms for the given problem
C201.6	Apply the different data structures for implementing solutions to practical problems.
	MA6351 Transforms and Partial Differential Equations
C202.1	Concepts to solve first, second order homogeneous and non homogeneous partial differential equations.
C202.2	Concepts to find the Fourier series of a given function satisfying Dirchlet's condition.
C202.3	Apply Fourier series to solve one dimensional way, one and two dimensional heat equations.
C202.4	Determine Fourier transform for a given function and use them to evaluate certain definite Integrals.
C202.5	Determine z transforms of standard functions and use them to solve difference equations.
C202.6	Apply Inverse Z - transform to solve difference equations.
	CS6301 Programming and Data Structure II
C203.1	Describe linear data structures using array and linked list.
C203.2	Apply data structures like stacks, queues in linear data structure.
C203.3	Non-linear data structures tree and its application.
C203.4	Various algorithms in graph . .
C203.5	To solve searching, sorting and hashing techniques in data structures. .
C203.6	To Interpret sorting algorithms for a give problem .
	CS6302 Database Management Systems
C204.1	Fundamental concepts of relational database and SQL .
C204.2	Use ER model for Relational model mapping to perform database design effectively .
C204.3	Summarize the properties of transactions and concurrency control mechanisms .
C204.4	Outline concepts of various storage and optimization techniques .
C204.5	Compare and contrast various indexing strategies in different database systems .
C204.6	The different advanced databases .
	CS6303 Computer Architecture
C205.1	Basic structures of a computer system .
C205.2	Various arithmetic operations for computers .

C205.3	Analyze pipelined control units and the different types of hazards in the instructions .
C205.4	To interpret the concepts of parallel processing architecture .
C205.5	Summarize the fundamentals of memory system .
C205.6	Concepts of I/O system .
	CS6304 Analog and Digital Communication
C206.1	Illustrate analog communication techniques .
C206.2	Digital communication techniques .
C206.3	Illustrate data and pulse communication techniques .
C206.4	Make use of various error control coding techniques to identify/correct errors .
C206.5	Concepts of outline multi-user radio communication .
C206.6	Concepts of Satellite Communication - Bluetooth .
	GE6351 Environmental Science and Engineering
C207.1	Summarize the values, threats, conservation of biodiversity and ecosystems .
C207.2	Sources, effects, control measures of different types of pollution, and solid waste management.
C207.3	Associate the effects of exploitation of Natural resources on environment .
C207.4	Summarize the water conservation methods and various environmental acts for environmental sustainability .
C207.5	Effect of Human population and role of IT in environment and human health . .
C207.6	Scientific, technological, economic and social solutions to environmental problems .
	CS6311 Programming and Data Structure Laboratory II
C208.1	Write functions to implement linear and non-linear data structure operations .
C208.2	Suggest appropriate linear / non-linear data structure operations for solving a given problem .
C208.3	Make use of linear / non-linear data structure operations for a given problem .
C208.4	Apply good programming design methods for program development. .
C208.5	Apply sorting and searching algorithms for the given problem .
C208.6	Apply the different data structures for implementing solutions to practical problems.
	CS6312 Database Management Systems Laboratory
C209.1	Typical data definitions and manipulation commands .
C209.2	Design applications to test Nested and Join Queries .
C209.3	Implement simple applications that use views .
C209.4	Implement applications that require a Front-end Tool .
C209.5	Critically analyze the use of Tables, Views, Functions and Procedures .

C209.6	Apply advanced SQL Queries .
	MA6453 Probability and Queueing Theory
C210.1	Fundamental Probability Theory, Baye's theorem .
C210.2	Associate the concepts of Standard distributions with real life phenomena.
C210.3	Concepts of covariance, correlation and regression . Central limit theorem .
C210.4	Markov chain in terms of a transition probability matrix and transition diagram.
C210.5	Extend birth and death processes which evolve with respect to time in a probabilistic manner .
C210.6	Interpret the Queuing models.
	CS6551 Computer Networks
C211.1	Identify various layers of network and discuss the functions of physical layer .
C211.2	Data flows from one node to another node with regard to data link layer .
C211.3	Different services of network layer .
C211.4	Compare the different transport layer protocols and their applicability based on user requirements .
C211.5	Describe the working of various application layer protocols .
C211.6	Evaluate the performance of network and analyze routing algorithms.
	CS6401 Operating Systems
C212.1	Overall view of the computer system and operating system .
C212.2	Scheduling algorithm and deadlock prevention and avoidance algorithm .
C212.3	Compare and contrast various memory management schemes and file system functionalities .
C212.4	Performance of the various page replacement algorithms and interpret the file system implementation, sharing and protection mechanisms.
C212.5	Demonstrate administrative tasks on Linux servers and to be familiar with the basics of Mobile OS.
C212.6	Various algorithms to solve computing problems.
	CS6402 Design and Analysis of Algorithms
C213.1	Fundamental concepts problem solving algorithm, its types and the parameters to analyze those algorithms .
C213.2	Brute Force method and Divide and Conquer method to solve computing problems.
C213.3	Dynamic programming and greedy techniques to solve computing problemss .
C213.4	Understand how to scientific problems can be solved using iterative method and how to cope with limitations of algorithm power.
C213.5	Critically analyze the different algorithm design techniques for a given problem based on its time and space complexity.

C213.6	Modify existing algorithms to improve efficiency.
	EC6504 Microprocessor and Microcontroller
C214.1	Architecture and instruction set of Microprocessor .
C214.2	System Bus Structure for Multiprocessor Configuration .
C214.3	Infer the functions of various interfacing integrated chips .
C214.4	Architectures and instruction set of Microcontroller .
C214.5	Illustrate the functions of various interfacing devices with Microcontroller .
C214.6	Build an assembly language program for interfacing.
	CS6403 Software Engineering
C215.1	Identify the key activities in managing a software project and recognize different process model .
C215.2	Concepts of requirements engineering and Analysis Modeling.
C215.3	Outline the systematic procedures for software design and deployment.
C215.4	Compare various testing and maintenance methods .
C215.5	Interpret the project schedule, estimate project cost and effort required.
C215.6	Develop a software using the software engineering principles.
	CS6411 Networks Laboratory
C216.1	Implement various protocols using TCP and UDP. .
C216.2	Compare the performance of different transport layer protocols.
C216.3	Use simulation tools to analyze the performance of various network protocols.
C216.4	Analyze various routing algorithms. .
C216.5	Implement error correction codes. .
C216.6	Apply hands on experience on various networking protocols..
	CS6412 Microprocessor and Microcontroller Laboratory
C217.1	Write ALP Programmes for fixed and Floating Point and Arithmetic operations .
C217.2	Interface different I/Os with processor .
C217.3	Generate waveforms using Microprocessors .
C217.4	Execute Programs in 8051 .
C217.5	Difference between simulator and Emulator .
C217.6	Difference between Serial and Parallel Interface .

	CS6413 Operating Systems Laboratory	
C301.1	Compare the performance of various CPU Scheduling Algorithms.	
C301.2	Implement Deadlock avoidance and Detection Algorithms.	
C301.3	Implement Semaphores and Create processes, implement IPC.	
C301.4	Analyze the performance of the various Page Replacement Algorithms.	
C301.5	Implement File Organization and File Allocation Strategies.	
C301.6	Apply the file system related system calls.	
	MA6453 Probability and Queueing Theory	
C302.1	Summarize the concept of elementary mathematical logical arguments	
C302.2	Apply basic counting techniques to solve combinatorial problems.	
C302.3	Associate the applications of Graph theory models and data structures	
C302.4	Properties of algebraic structures such as groups, rings and fields.	
C302.5	Boolean algebra in the area of lattices.	
C302.6	Knowledge of argumental discrete mathematical problems.	
	CS6501 Internet Programming	
C303.1	Demonstrate simple website using HTML and CSS.	
C303.2	Dynamic web pages with validation using Java Script objects and apply different event handling mechanisms.	
C303.3	Illustrate server side programs using Servlet and JSP.	
C303.4	Demonstrate simple web pages in PHP and to represent data in XML format. .	
C303.5	AJAX and web services to develop interactive web applications .	
C303.6	Develop interactive web applications for real world problems .	
	CS6502 Object Oriented Analysis and Design	
C304.1	Software design concepts with UML diagram .	
C304.2	Construct the domain model and design model to various use case scenarios .	
C304.3	Design software applications using object oriented concepts .	

C304.4	Identify various scenarios based on software requirements .
C304.5	Transform UML based software design into pattern based design using design patterns .
C304.6	Various testing methodologies for object oriented software .
	CS6503 Theory of Computation
C305.1	To design automata for any given pattern .
C305.2	Specify regular expression of string pattern .
C305.3	Write context free grammar for any language .
C305.4	Apply Turing machine to propose computation solutions .
C305.5	Interpret a problem is decidable or not . .
C305.6	Interpret NP class problems .
	CS6504 Computer Graphics
C306.1	Demonstrate the basic graphical objects (2D and 3D) generation and transformations .
C306.2	Illustrate various viewing and clipping techniques .
C306.3	Different types of projections and color models .
C306.4	Basic illumination and visible surface identification mechanism .
C306.5	Various animation sequences and graphics realism .
C306.6	Computer graphics realism.
	CS6511 Case Tools Laboratory
C307.1	Perform OO analysis and design for a given problem specification .
C307.2	Identify and map basic software requirements in UML mappin .
C307.3	Uderstand to improve the software quality using design patterns .
C307.4	Rationale behind applying specific design patterns .
C307.5	Test the compliance of the software with the SRS.
C307.6	To create code from design .
	CS6512 Internet Programming Laboratory
C308.1	Illusrate Web pages using HTML/XML and style sheets .
C308.2	Analyze user interfaces using Java frames and applets .
C308.3	Compare and contrast dynamic web pages using server side scripting .
C308.4	Develop a Client Server application .
C308.5	How to use the frameworks JSP Strut, Spring .
C308.6	Understand to Build the applications using AJAX .

	CS6513 Computer Graphics Laboratory
C309.1	To make use of algorithms to draw 2D and 3D objects .
C309.2	Show transformations and projections for 2D and 3D objects .
C309.3	Manipulate a graphical object using clipping algorithms and viewing technique .
C309.4	Use an image editing tool for image manipulation and enhancement .
C309.5	Utilize the authoring tool to develop a 3D scene and to perform 2D animation .
C309.6	Create a multimedia presentation/Game/Project .
	CS6601 Distributed Systems
C310.1	Elucidate the foundations and issues of distributed systems.
C310.2	Various synchronization issues and global state for distributed systems.
C310.3	Comprehend the Mutual Exclusion and Deadlock detection algorithms in distributed systems.
C310.4	Use of agreement protocols and fault tolerance mechanisms in distributed systems .
C310.5	Relate the features of peer-to-peer and distributed shared memory systems .
C310.6	Interpret the real-time distributed system applications.
	IT6601 Mobile Computing
C311.1	Basic concepts of mobile computing .
C311.2	Explain the basics of mobile telecommunication systems .
C311.3	Illustrate the generations of telecommunication systems in wireless networks .
C311.4	Demonstrate the functionality of MAC, network layer and Identify a routing protocol for a given Ad hoc network .
C311.5	Functionality of Transport and Application layers .
C311.6	Develop a mobile application using android/blackberry/ios/Windows SDK.
	CS6660 Compiler Design
C312.1	Illustrate a lexical analyzer for a sample language.
C312.2	Explain different parsing algorithms to develop the parsers for a given grammar .
C312.3	Syntax-directed translation and run-time environment.
C312.4	Intermediate code generation and run-time environment .
C312.5	Apply code optimization techniques for programming construct .
C312.6	Develop a scanner and a parser using LEX and YACC tools.
	IT6502 Digital Signal Processing
C313.1	Demonstrate the analytical representation of discrete-time signals.
C313.2	Illustrate the properties of systems and signals.

C313.3	Make use of the Transform domain concepts in computational complexity problems.
C313.4	To Construct IIR filters for the given specifications .
C313.5	Construct FIR filters for the given specifications.
C313.6	Finite word length effects in digital filters .
	CS6659 Artificial Intelligence
C314.1	List the characteristics and types of intelligent agents .
C314.2	Interpret search algorithms for any AI problem .
C314.3	Understand Illustrate a problem using first order and predicate logic .
C314.4	The appropriate agent strategy to solve a given problem .
C314.5	Develop software agents to solve a problem .
C314.6	Demonstrate applications for NLP that use Artificial Intelligence .
	IT6004 Software Testing
C315.1	Outline the software testing criteria for developing test cases .
C315.2	To Build the test cases for software development .
C315.3	Explain the various level of testing .
C315.4	Test metrics, measurements and Management process .
C315.5	Make use of the latest test tool for functional and performance testing
C315.6	Create code from design .
	CS6611 Mobile Application Development Laboratory
C316.1	Applications using GUI and Layouts. .
C316.2	Develop mobile applications using Event Listener .
C316.3	Develop mobile applications using Databases .
C316.4	Develop mobile applications using RSS Feed, Internal/External Storage, SMS, Multi-threading and GPS. .
C316.5	Capabilities and limitations of mobile devices .
C316.6	Analyze and discover own mobile app for simple needs.
	CS6612 Compiler Laboratory
C317.1	Apply different compiler writing tools to implement the different Phases .
C317.2	Analyze the data flow and control flow .
C317.3	Construct the intermediate representation .
C317.4	Design the back end of a compiler for 8086 assembler .
C317.5	Compare various code optimization techniques .

C317.6	Generate an assembly language program equivalent to a source language program .
	GE6674 Communication and Soft Skills – Laboratory Based
C318.1	Make effective presentations.
C318.2	Participate confidently in Group Discussions.
C318.3	Attend job interviews and be successful in them.
C318.4	Develop adequate Soft Skills required for the workplace.
C318.5	Interpret the findings with appropriate technological / research citation.
C318.6	Improve adequate emotional intelligence.
	CS6701 Cryptography and Network Security
C401.1	Fundamentals of networks security, security architecture, threats and vulnerabilities.
C401.2	Mathematical support for both symmetric and asymmetric key cryptography.
C401.3	Use of symmetric key cryptographic algorithms to perform cryptographic operations .
C401.4	Solve cryptographic operations using public key cryptographic algorithms .
C401.5	Various Authentication schemes to simulate different applications.
C401.6	Various Security practices and System security standards.
	CS6702 Graph Theory and Applications
C402.1	Write precise and accurate mathematical definitions of objects in graph theory.
C402.2	Use mathematical definitions to identify and construct examples and to distinguish examples from non-examples .
C402.3	Validate and critically assess a mathematical proof.
C402.4	Use a combination of theoretical knowledge and independent mathematical thinking in creative investigation of questions in graph theory.
C402.5	Reason from definitions to construct mathematical proofs.
C402.6	Understand the uses of techniques of proofs and analysis in required applications.
	CS6704 Resource Management Techniques
C403.1	The use of simplex method to solve optimization problems.
C403.2	Demonstrate the concept of duality to solve Shortest route problem.

C403.3	Integer programming method.
C403.4	Demonstrate the types of constraints and optimization methods.
C403.5	Utilize PERT and CPM in project management.
C403.6	Integer programming and linear programming to solve real-life applications.
	CS6004 Cyber Forensics
C404.1	Security issues of network layer and transport layer.
C404.2	Illustrate the Email protection and Firewall applications.
C404.3	Computer crime, fraud and demonstrate computer.
C404.4	Utilize current forensics tools.
C404.5	Forensics data available from different sources.
C404.6	Analyze and validate forensics data.
	CS6007 Information Retrieval
C405.1	Interpret open source search engine framework and explore its capabilities .
C405.2	Appropriate method of classification or clustering.
C405.3	Design and implement innovative features in a search engine.
C405.4	Design and implement a recommender system .
C405.5	Demonstrate an open source search engine framework and explore its capabilities.
C405.6	Demonstrate the entire process flow of a search engine.
	CS6711 Security Laboratory
C406.1	Develop code for classical Encryption Techniques to solve the problems.
C406.2	Build cryptosystems by applying symmetric and public key encryption algorithms.
C406.3	Construct code for authentication algorithms.
C406.4	Develop a signature scheme using Digital signature standard.
C406.5	Demonstrate the network security system using open source tools.
C406.6	Exhibit ethical principles in engineering practices .
	CS6712 Grid and Cloud Computing Laboratory
C407.1	Configure various virtualization tools such as Virtual Box, vmware workstation .
C407.2	Design and deploy a web application in a paas environment link layer .
C407.3	Learn how to simulate a cloud environment to implement new schedulers .
C407.4	Demonstrate generic cloud environment that can be used as a private cloud .
C407.5	Manipulate large data sets in a parallel environment.

C407.6	Apply Hadoop single node cluster and run simple applications.
	CS6801 Multi – Core Architectures and Programming
C408.1	Multicore architectures and identify their characteristics and challenges.
C408.2	The issues in programming Parallel Processors.
C408.3	Programs using openmp and MPI .
C408.4	To design parallel programming solutions to common problems .
C408.5	Compare and contrast programming for serial processors and programming for parallel processors .
C408.6	Develop multi-core programs and design parallel solutions .
	IT6011 Knowledge Management
C409.1	Identify and formulate the foundation, necessity, issues related to knowledge management and ethics to be followed in a business organization.
C409.2	Integrate appropriate components and functions of various knowledge management systems and continuous updation of knowledge .
C409.3	Use the knowledge management tools effectively
C409.4	Various tools successfully for knowledge management applications .
C409.5	Knowledge management Applications.
C409.6	Design and develop enterprise applications using the concepts of Knowledge Management .
	MG6088 Software Project Management
C410.1	Need for Software Project Management and control .
C410.2	Various activities of project scheduling and evaluation .
C410.3	Risk assessment and management process.
C410.4	Demonstrate different models of software process and network planning .
C410.5	Organizational behaviors and management . .
C410.6	Project Management principles while developing a software.
	CS6811 Project Work
C411.1	Technically and economically feasible problems of social relevance .
C411.2	Plan and build the project team with assigned responsibilities .
C411.3	Identify and survey the relevant literature for getting exposed to related solutions .
C411.4	Analyse, design and develop adaptable and reusable solutions of minimal complexity by using modern tools .
C411.5	Implement and test solutions to trace against the user requirements .
C411.6	Deploy and support the solutions for better manageability of the solutions and provide scope for improvability .