



REGULATION : R15

COURSE TITLE	COURSE CODE	COURSE ID	COURSE OUTCOMES
FUNCTIONAL ENGLISH	15A52101	C111.1	Describe the communication and writing skills in general communication.
		C111.2	Develop the writing and life skills in structural manner of real time scenarios
		C111.3	Apply the knowledge of writing and speaking skills to enhance the career opportunities
		C111.4	Illustrate the concepts of writing and speaking skills to develop the skills in job opportunities
		C111.5	Analyze the concepts of various real time scenarios to represent in an effective model.
MATHEMATICS-1	15A54101	C112.1	Analyze the ordinary differential equations to provide solutions of various engineering applications.
		C112.2	Apply the mathematical knowledge of higher order differential equations to solve various engineering problems.
		C112.3	Describe the knowledge of Mean Value theorems, functions of several variables and Radius of Curvature for engineering applications.
		C112.4	Evaluate the Multiple integrals to determine areas and volumes of engineering applications.
		C112.5	Apply the techniques of vector calculus to solve various engineering problems.
COMPUTER PROGRAMMING	15A05101	C113.1	Understand the computer basics and the requirement of the computer operation
		C113.2	Understand about the loop control

			statements and arrays
		C113.3	Analyze the pointer variables and their functions
		C113.4	Application of the structures and unions
		C113.5	Understanding about file processing systems
ENGINEERING PHYSICS	15A56101	C114.1	Understand the different optical phenomenon such as interference & diffraction and principle of lasers & optical fibers
		C114.2	Explain the structure of crystals and applications of ultrasonic sound waves
		C114.3	Understand the knowledge of basic quantum mechanics and importance of free electrons in determining the properties of metals
		C114.4	Describe the basic concepts of semiconductors and magnetic materials
		C114.5	Discuss the fundamental concepts of superconductivity and nanomaterials along with their applications
ENGINEERING DRAWING	15A03101	C115.1	Understand the BIS conventions of drawing, Curves used in Engineering Practice like Conic sections & cycloidal curves
		C115.2	Understand the variable parameters of different scales & concepts of orthographic projections
		C115.3	Apply the Projections of straight lines, Projections of planes in various positions to reference planes
		C115.4	Apply the Projections of solids in various positions to reference planes & concepts of development surfaces
		C115.5	Analyze the concepts of Isometric to Orthographic & Orthographic to Isometric projections
ENGLISH LANGUAGE COMMUNICATION SKILLS LAB	15A52102	C116.1	Execute apply knowledge of human communication and language process
		C116.2	Implement interpersonal, intrapersonal communication and technology from multiple

			perspectives
		C116.3	Demonstrate to key theoretical approaches used in the interdisciplinary field of communication
		C116.4	Interpret theoretical framework, construct and concepts for study of communication
		C116.5	Differentiate to understand the strengths and weaknesses of their approaches.
ENGINEERING PHYSICS LAB	15A56102	C117.1	Identify the important of optical phenomenon like Interference and diffraction
		C117.2	Apply the practical application knowledge of optical fiber, semiconductor, dielectric and magnetic materials, crystal structure and lasers by the study of their relative parameters
		C117.3	Apply the significant importance of nanomaterials in various engineering fields
COMPUTER PROGRAMMING LAB	15A05102	C118.1	Explain Software Development Process and features of Programming Languages
		C118.2	Classify Data types, Type systems and type structures of representative programming languages.
		C118.3	Apply problem solving techniques to find solutions to problems
		C118.4	Apply C language features effectively and implement solutions using C language
		C118.5	Design & develop program by selecting control statements
ENGLISH FOR PROFESSIONAL COMMUNICATION	15A52201	C121.1	Demonstrate listening, reading and writing skills of communication in general and obtain general awareness in science

		C121.2	Develop the oral communication skills in real life scenarios.
		C121.3	Illustrate the life and presentational skills for competitive opportunities.
		C121.4	Apply the life skills to deliver presentation effectively in placements.
		C121.5	Develop employability skills to enhance career opportunities.
MATHEMATICS II	15A54201	C122.1	Analyze the techniques of Laplace transforms and determine the solution of ODE in engineering problems.
		C122.2	Apply the mathematical knowledge of fourier series to solve various engineering problems.
		C122.3	Illustrate the concepts of fourier transforms to solve various engineering problems.
		C122.4	Apply the partial differential equations generate mathematical models for engineering applications.
		C122.5	Apply the techniques of Z-transforms to solve difference equations in engineering applications.
DATA STRUCTURES	15A05201	C123.1	Demonstrate the concepts of linked list in linear data structures.
		C123.2	Demonstrate the concepts of stacks and queues for organizing data.
		C123.3	Interpret different ways of handling trees and graphs as non-linear data structures.
		C123.4	Analyze different sorting techniques for organizing data.
		C123.5	Analyze different searching

			techniques for organizing data.
ENVIRONMENTAL STUDIES	15A01101	C125.1	Explain multidisciplinary nature of environmental studies and various renewable and nonrenewable resources.
		C125.2	Understand flow and bio-geo-chemical cycles and ecological pyramids.
		C125.3	Understand various causes of pollution and solid waste management and related preventive measures.
		C125.4	Study the social issues of the environment to be a part of sustainable development
		C125.5	Discuss causes of population explosion, value education and welfare programmes.
DATA STRUCTURES LAB	15A05202	C126.1	Analyze the time and space efficiency for the given algorithms.
		C126.2	Apply operations like searching, insertion, deletion, and traversing mechanism etc. on various data structures.
		C126.3	Identify appropriate concept in data structures to solve the specified problem.
		C126.4	Apply the practical knowledge of data structures in real time applications.
		C126.1	Analyze the time and space efficiency for the given algorithms.
ENGINEERING CHEMISTRY LAB	15A51102	C127.1	Analyze the need, design and perform a set of experiments.
		C127.2	Differentiate hard and soft water, solve the related numerical problems on water purification and

			its significance in industry and daily life.
		C127.3	Understand the causes of corrosion, its consequences and methods to minimize corrosion
		C127.1	Analyze the need, design and perform a set of experiments.
		C127.2	Differentiate hard and soft water, solve the related numerical problems on water purification and its significance in industry and daily life.
ENGINEERING & IT WORKSHOP LAB	15A99201	C128.1	Practice on manufacturing of components using workshop trades including fitting, carpentry, foundry, house wiring and welding.
		C128.2	Identify and apply suitable tools for different trades of Engineering processes demonstration on plumbing, machine shop, and metal cutting
		C128.3	Understand the process of Disassemble and Assemble a Personal Computer and prepare the computer ready to use.
		C128.4	Understand the process of usage the MS Office tool for various applications
		C128.5	Apply the knowledge to share the files, usage of internet and browings system
MATHEMATICS III	15A54301	C211.1	Solve Engineering problems by using the concepts of Matrices.
		C211.2	Solve the engineering problems by using numerical methods.
		C211.3	Find the solutions of engineering problems by using interpolation techniques.
		C211.4	Apply the method of least squares to find the curve of the best fit for

			the given data.
		C211.5	Solve the real time problems by using numerical differentiation.
DATABASE MANAGEMENT SYSTEMS	15A54301	C212.1	Identify data models for solving relevant problems.
		C212.2	Write SQL queries for a given context in relational database.
		C212.3	Apply indexed structures and trees to organize very large files.
		C212.4	Explain the transaction processing and Concurrency control concepts
		C212.5	Determine ways to recover from system failures and design a relational database for small scale organization.
DISCRETE MATHEMATICS	15A05302	C213.1	Apply mathematical concepts and logical reasoning to solve problems in different fields of Computer science and information technology.
		C213.2	Illustrate the basic applications of set theory and relations.
		C213.3	Apply elementary properties of modular arithmetic applications in solving problems in Computer Science.
		C213.4	Apply graph theory models of data structures and state machines to solve problems of connectivity and constraints.
		C213.5	Apply basic counting techniques to solve combinatorial problems and permutations.
BASIC ELECTRICAL &ELECTRONICS ENGINEERING	15A99301	C214.1	Understand the fundamentals of DC and AC circuits.
		C214.2	Determine voltage and current relations of R, L, C elements by using techniques various network theorems for DC analysis.
		C214.3	Understand construction and operation of various DC and AC machines.
		C214.4	Explain the various types of semiconductor devices and their characteristics.
		C214.5	Design the CB, CE, CC

			configurations and characteristics of BJT and FET devices.
DIGITAL LOGIC DESIGN	15A04306	C215.1	Apply number system and Boolean algebra to store the data in digital format.
		C215.2	Apply minimization techniques in design of digital systems.
		C215.3	Design and analyze various combinational circuits in digital design applications.
		C215.4	Design and analyze sequential circuits in digital design applications.
		C215.5	Design a digital circuit for memory organization using programmable logic devices.
MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS	15A52301	C216.1	Understand the impact of managerial decisions taken on business.
		C216.2	Determine the operations of business and decisions on assumptions of profit and losses by cost of a production.
		C216.3	Compare the business formulation and legal actions of a country and industrial policies.
		C216.4	Illustrate the system of finance and accounting principles on following accounting ratios.
		C216.5	Interpret budget decision and capital utilization of an organization.
DATABASE MANAGEMENT SYSTEMS LABORATORY	15A05303	C217.1	Use database tools to perform various operations for the given data.
		C217.2	Design database and retrieve information from database.
		C217.3	Draw ER diagrams, map them to tables and normalize them.
		C217.1	Use database tools to perform various operations for the given data.
		C217.2	Design database and retrieve information from database.
BASIC ELECTRICAL	15A99302	C218.1	Determine voltage, current using

AND ELECTRONICS LABORATORY			superposition, thevenin's theorem and Determine open circuit and short circuit parameters .
		C218.2	Determine the efficiency of DC machine and single phase transformer.
		C218.3	Analyze the performance characteristics of DC shunt motor using Brake test.
		C218.4	Determine the resistance characteristics of PN junction diode and Zener diode .
		C218.5	Analyze the input and output characteristics of Bipolar Junction Transistor in CB and CE Configuration and Junction field effect Transistor in Common Source Configuration .
PROBABILITY AND STATISTICS	15A54401	C221.1	Apply Basic Probability and statistics phenomenons to analyze and solve the real life problems.
		C221.2	Compare and analyze the datasets by using classical hypothesis and significance test.
		C221.3	Use ANOVA methods to solve one way and two way classifications.
		C221.4	Determine the quality of a product by using control charts for variables and attributes.
		C221.5	Apply queuing models to analyze real world systems and predict queues.
SOFTWARE ENGINEERING	15A05401	C222.1	Identify the concepts of software Engineering by studying process models required to develop a software system.
		C222.2	Analyze software requirements and model requirements for developing the application .
		C222.3	Apply software design and development techniques by learning software architecture
		C222.4	Analyze the User Interface design techniques to design GUI
		C222.5	Analyze the testing strategies and techniques for quality software
COMPUTER	15A05402	C223.1	Illustrate the concepts of computer

ORGANIZATION			organization and its relevance to classical and modern problems of computer design.
		C223.2	Analyze the structure and behavior of various functional models of a computer.
		C223.3	Explore the hardware requirements for cache memory and virtual memory.
		C223.4	Use memory and I/O devices effectively.
		C223.5	Design algorithms to exploit pipelining and multiprocessors.
MICROPROCESSORS & INTERFACING	15A04407	C224.1	Understand the fundamental concepts of 8085 and architecture of 8086.
		C224.2	Apply the concepts of instruction sets and addressing modes of 8086 in programming.
		C224.3	Identify the interrupts ,analyze the memory and I/O interfacing of 8086.
		C224.4	Explore various types of programmable interfacing devices with 8086.
		C224.5	Analyze the architecture of 8051 and interfacing devices of 8051.
OBJECT ORIENTED PROGRAMMING THROUGH JAVA	15A05403	C225.1	Solve problems using object oriented approach and implement them using Java
		C225.2	Develop Java application programs using OOP's principles and proper program structuring.
		C225.3	Apply the concepts of Inheritance,packages and interfaces.
		C225.4	Design Java program for interthread communication using Multithread and design using Applet.
		C225.5	Develop different frames structures using AWT.
FORMAL LANGUAGES AND AUTOMATA THEORY	15A05404	C226.1	Construct finite state diagrams while solving problems of computer science
		C226.2	Construct finite state machines based on the languages and regular

			expressions.
		C226.3	Construct CFG for high level languages like C and remove ambiguity.
		C226.4	Construct FA to recognize CFL and CSL.
		C226.5	Solve the problems by constructing the turing machine from regular expressions.
MICROPROCESSORS & INTERFACING LABORATORY	15A04408	C227.1	Develop 8086 assembly language programs.
		C227.2	Develop program for programmable peripheral devices and their Interfacing.
		C227.3	Analyze 8051 assembly language programs.
		C227.4	Develop and simulate programs using MASM & KEIL software.
		C227.5	Develop input operational codes into 8086 & 8051 trainer kits and execute programs.
JAVA PROGRAMMING LABORATORY	15A05405	C228.1	Write portable programs which work in all environments.
		C228.2	Create user friendly interfaces.
		C228.3	Solve the problem using object oriented approach and design solutions which are robust.
		C228.1	Write portable programs which work in all environments.
		C228.2	Create user friendly interfaces.
COMPREHENSIVE ONLINE EXAMINATION-I	15A05406	C229.1	Summarise the Fundamental engineering knowledge of science & engineering domains.
		C229.2	Demonstrate the ability to navigate training skills and online learning.
		C229.3	Analyze the critical problem solving ability.
		C229.1	Summarise the Fundamental engineering knowledge of science & engineering domains.
		C229.2	Demonstrate the ability to navigate training skills and online learning.
OPERATING SYSTEMS	15A05501	C311.1	Understand the concepts of operating systems and use them effectively.
		C311.2	Write System and application

			programs to exploit operating system functionality.
		C311.3	Examine Deadlock handling methods and Apply the concepts of Memory management techniques.
		C311.4	Use File and Disk Management Schemes for effective Storage.
		C311.5	Examine different Protection and Security principles associated with Operating Systems.
COMPUTER NETWORKS	15A05502	C312.1	Identify reference models and ability to choose the transmission media depending on the requirements.
		C312.2	Inspect the errors in transmission media and to design new protocols for computer network.
		C312.3	Apply basic routing protocols for network design and implementation.
		C312.4	Identify deficiencies in existing protocols, and formulate better protocols.
		C312.5	Configure a computer network logically.
OBJECT ORIENTED ANALYSIS AND DESIGN	15A05503	C313.1	Find solutions to the complex problems using object oriented approach.
		C313.2	Analyse and Design Solutions to Problems Using Object Orinted Approach.
		C313.3	Demonstrate the Notations of Unified Modeling Language.
		C313.4	Apply the Usecase diagram in real time Applications.
		C313.5	Design and Implement various Strucural and Behavioural diagrams in real time Applications.
PRINCIPLES OF	15A05504	C314.1	Select appropriate program

PROGRAMMING LANGUAGES			language for problem solving.
		C314.2	Apply built in data types & primitives for implementing software models.
		C314.3	Create new scripting language based on problem statement.
		C314.4	Differentiate between logic and rule based language.
		C314.5	Design new programming language.
SOFTWARE TESTING	15A05505	C315.1	Explain the purpose of testing and adequacy assessment using control flow and path testing techniques.
		C315.2	Analyze various transactions to work with various functionalities.
		C315.3	Analyze data and domain test strategies to work with various functionalities.
		C315.4	Illustrate various paths and path expressions to reduce the computational cost.
		C315.5	Analyze various states, transitions and graph matrices to resolve problems.
INTRODUCTION TO BIG DATA	15A05506	C316.1	Illustrate the advanced concepts of java and client server Programming.
		C316.2	Determine the functionalities of Hadoop and Hadoop working architecture.
		C316.3	Retrieval of data from clusters with map reduce functionality.
		C316.4	Apply anatomy of map reduce and write a program for map reduce functionality using java.
		C316.5	Analyze Big Data using different tools.

OOAD & ST LABORATORY	15A05509	C317.1	Practice the notations for representing various UML diagrams.
		C317.2	Analyze and design the solutions by constructing UML diagrams for various applications.
		C317.3	Design Manual Test cases for Software Project.
		C317.4	Analyze the realistic problem for different category of software.
		C317.5	Evaluate automation testing tools to test the code.
OPERATING SYSTEMS LABORATORY	15A05510	C318.1	Implement various concepts of operating system and software routines modules .
		C318.2	Apply the design issues associated with operating systems.
		C318.3	Examine various process management concepts including scheduling, synchronization, and deadlocks.
		C318.4	Analyze issues related to file system interface and implementation, disk management.
		C318.1	Implement various concepts of operating system and software routines modules .
SOCIAL VALUES AND ETHICS	15A99501	C319.1	Understand the basic concepts of society, family and channels of youth moments for National Building.
		C319.2	Analyze the sociological, psychological factors influencing the youth crime, social harmony and national integration.
		C319.3	Discuss the environmental issues and objectives of Civil and Self

			defense.
		C319.4	Understand the gender sensitization and initiatives of Government schemes for prevention.
		C319.5	Describe the importance and benefits of physical activities.
COMPILER DESIGN	15A05601	C321.1	Design and implement lexical Analyzer for a simple programming language.
		C321.2	Design and implement syntax Analyzer using various parsing techniques and different levels of translation.
		C321.3	Analyze semantic analyzer for a simple programming language.
		C321.4	Compare different intermediate code generation forms.
		C321.5	Apply the various optimization techniques.
DATA WAREHOUSING & MINING	15A05602	C322.1	Illustrate the basic concepts of data warehouse and data Mining.
		C322.2	Apply the preprocessing tools for data cleaning and data reduction.
		C322.3	Analyze and Evaluate the performance of algorithms for association rules.
		C322.4	Use data mining tools for classification and clustering .
		C322.5	Compare and contrast different Mining techniques.
DATA DESIGN PATTERNS	15A05603	C323.1	Explain the underlying object oriented principles of design patterns.
		C323.2	Analyze the usage of design pattern and use in the real world problems.
		C323.3	Apply the Creational patterns for the required context.
		C323.4	Implement the usage of structural

			patterns for the required context.
		C323.5	Develop and design of expectation by using Behavioral pattern.
DESIGN AND ANALYSIS OF ALGORITHMS	15A05604	C324.1	Apply various algorithmic notations to divide and conquer strategy to solve various computing problems.
		C324.2	Estimate all feasible solutions using greedy strategies and dynamic programming to recite an algorithm.
		C324.3	Apply fundamental graph traversal techniques to solve various applications using backtracking.
		C324.4	Analyze Branch and Bound techniques to improve the efficiency of existing techniques.
		C324.5	Design the algorithm NP hard & NP-Complete problems
WEB AND INTERNET TECHNOLOGIES	15A05605	C325.1	Construct dynamic and interactive web sites
		C325.2	Construct reactive web pages using Java Script, HTML and CSS.
		C325.3	Explain what is XML and how to parse and use XML data
		C325.4	Develop web applications using Servlets, Jsp and PHP technologies.
		C325.5	Design rich client presentation using AJAX
LINUX ENVIRONMENT SYSTEM	15A05606	C326.1	Describe the knowledge and use of the linux operating system for real time scenarios.
		C326.2	Demonstrate the process of installation and usage of linux in a server for any GUI application.
		C326.3	Illustrate the usage of LINUX system utilities and tools for development of a software.

		C326.4	Develop a shell script applications in order to perform basic shell programming.
		C326.5	Interpret the usage of linux file system for core system services.
WEB AND INTERNET TECHNOLOGIES LABORATORY	15A05609	C327.1	Create dynamic and interactive web sites
		C327.2	Create a server side java application called Servlet and JSP to catch form data sent from client, process it and store it on database.
		C327.3	Apply predefined HTML tags and CSS
		C327.4	Analyze and create a PHP program to a DBMS and perform insert, update and delete operations on table data.
		C327.5	Analyze and evaluate the structure and the content of XML data using XML Schema.
DATA WAREHOUSING & MINING LABORATORY	15A05610	C328.1	Build Data Warehouse and Explore WEKA.
		C328.2	Apply the data preprocessing techniques and Demonstrate performing association rule mining on datasets.
		C328.3	Design data mining algorithms.
		C328.4	Perform classification, clustering and regression on datasets.
		C328.1	Build Data Warehouse and Explore WEKA.
AELCS LABORATORY	15A52602	C329.1	Improve the students fluency in English through a well developed vocabulary.
		C329.2	Improve the students to communicate their ideas relevantly and coherently in writing Have achieved familiarity with variety

			technical reports.
		C329.3	Apply Accomplishment of sound vocabulary and its proper use contextually.
		C329.4	Analyze the students for job skills and professional development activities.
		C329.1	Improve the students fluency in English through a well developed vocabulary.
COMPREHENSIVE ONLINE EXAMINATION-II	15A05611	C3210.1	Summarise the Fundamental engineering knowledge of science & engineering domain.
		C3210.2	Demonstrate the ability to navigate training skills and online learning.
		C3210.3	Analyze the critical problem solving ability.
		C3210.1	Summarise the Fundamental engineering knowledge of science & engineering domain.
		C3210.2	Demonstrate the ability to navigate training skills and online learning.
MANAGEMENT SCIENCE	15A52601	C411.1	Outline the principles on motivation, leading and controlling by using managerial functions.
		C411.2	Demonstrate the functions of operations and the process of utilization of materials and marketing it.
		C411.3	Interpret the human resources functionalities, development and controlling of employability opportunities.
		C411.4	Classify the business SWOT and the network analysis helps the business in sustaining the competition.
		C411.5	Differentiate the various tools of management smooth functioning.
GRID & CLOUD COMPUTING	15A05701	C412.1	Analyze development of grid and cloud computing.

		C412.2	Apply the security models in the grid and the cloud environment.
		C412.3	Use the grid and cloud tool kits.
		C412.4	Apply the concept of virtualization.
		C412.5	Apply grid computing techniques to solve large scale scientific problems.
INFORMATION SECURITY	15A05702	C413.1	Apply the new security approaches.
		C413.2	Choose the appropriate security algorithm based on the requirements.
		C413.3	Apply security concepts of the data over the network to preserve the confidentialities.
		C413.4	Apply different security approaches for secured applications.
		C413.5	Implement various networking protocols for application development.
MOBILE APPLICATION DEVELOPMENT	15A05703	C414.1	Understand fundamentals of android operating systems.
		C414.2	Design User Interface and develop activity for Android Application.
		C414.3	Use Intent, Broadcast receivers and Internet services in Android Application.
		C414.4	Design and implement Database Application and Content providers.
		C414.5	Use multimedia, camera and Location based services in Android App.
SOFTWARE ARCHITECTURE	15A05706	C415.1	Demonstrate Software Architecture reference models and architecture business cycle for making a good Software Architecture
		C415.2	Choose different Software Architectural life cycles for designing a good architecture
		C415.3	Identify Quality Attributes, Functional attributes, and different types of tactics for creating architecture.
		C415.4	Develop the document of software architecture and views for creating architecture.
		C415.5	Develop real time projects by combining ATAM and CBAM

			frameworks with quality attributes.
SOFTWARE PROJECT MANAGEMENT	15A05707	C416.1	Identify the concepts of conventional software project management and Software Economics for developing a software project.
		C416.2	Apply Conventional and modern principles of software project management to develop the software products.
		C416.3	Explain the software architecture, life cycle phases and process for a building a software product.
		C416.4	Interpret the techniques to evaluate progress of software project workflows in terms of milestones and check points, project organization responsibilities and process automation
		C416.5	Choose the software metrics to implement a software product through process instrumentation ethical principles to be followed in management of software economics
GRID & CLOUD COMPUTING LABORATORY	15A05710	C417.1	Design and Implement applications on the cloud.
		C417.2	Design and implement applications on the grid.
		C417.3	Create secured applications using basic security mechanisms available in Grid toolkits.
		C417.4	Create Google app engine programs by using cloud toolkits.
		C417.1	Design and Implement applications on the cloud.
MOBILE APPLICATION DEVELOPMENT LABORATORY	15A05711	C418.1	Create applications for hand-held devices.
		C418.2	Implement an application for creating basic GUI components, Layouts and basic widgets.
		C418.3	Analyze the capability to implement the application for location tracking, work with databases, and creating some basic widgets.
		C418.4	Create an application for user interaction and basic primitives.
		C418.1	Create applications for hand-held

			devices.
MOBILE COMPUTING	15A05802	C421.1	Demonstrate the application of various WLAN standards over time
		C421.2	Identify efficient medium access control protocol for wireless networks
		C421.3	Develop dynamic routing protocols for ADHOC network.
		C421.4	Illustrate quality of any service in ADHOC network using Qos strategies
		C421.5	Choose appropriate wireless sensor network mode for real-time application
CYBER SECURITY	15A05805	C422.1	Evaluate Cyber Security incidents to apply appropriate response.
		C422.2	Illustrate the concepts of computer forensics to build an application.
		C422.3	Analyze the methods for data recovery, evidence collection in Hand Held Devices.
		C422.4	Evaluate decision making outcomes of Cyber Security scenarios.
		C422.5	Analyze threats and risks within context of the Cyber Security architecture.
COMPREHENSIVE VIVA-VOCE	15A05807	C423.1	Apply the fundamentals of mathematics, science and Engineering. Recall the fundamentals of mathematics, science and Engineering
		C423.2	Relate comprehensive understanding of techniques applicable to their own area of professional practice.
		C423.3	Interact with others and Build confidence to face the interviews.
		C423.1	Apply the fundamentals of mathematics, science and Engineering. Recall the fundamentals of mathematics, science and Engineering
		C423.2	Relate comprehensive understanding of techniques applicable to their own area of

			professional practice.
TECHNICAL SEMINAR	15A05808	C424.1	Develop interest towards research oriented field with ability to search the literature and brief report preparation.
		C424.2	Develop the skills competencies and point of view needed by professional in the field related to course.
		C424.3	Develop the discussion and critical thinking about topics of recent trends.
		C424.4	Improve interpersonal and communication skills and awareness on industrial environment.
		C424.1	Develop interest towards research oriented field with ability to search the literature and brief report preparation.
PROJECT WORK	15A05809	C425.1	Identify the problem by applying acquired knowledge.
		C425.2	Analyze and categorize executable project modules after considering risks.
		C425.3	Choose efficient tools for designing project modules.
		C425.4	Combine all the modules through effective team work after efficient testing.
		C425.5	Elaborate the completed task and compile the project report.