

## COURSE OUTCOMES

**BATCH: 2017-2021 (R16)**

		SNO	Course Code	Name of the Course
<b>I year I Semester</b>	1	MA101BS	C101	Mathematics-I
	2	CH102BS	C102	Engineering Chemistry
	3	PH103BS	C103	Engineering Physics-I
	4	EN104HS	C104	Professional Communication in English
	5	ME105ES	C105	Engineering Mechanics
	6	EE106ES	C106	Basic Electrical and Electronics Engineering
	7	EN107HS	C107	English Language Communication Skills Lab
	8	ME108ES	C108	Engineering Workshop
	9	*ES109MC	C109	NSS
<b>I year II Semester</b>	10	PH201BS	C110	Engineering Physics-II
	11	MA202BS	C111	Mathematics-II
	12	MA203BS	C112	Mathematics-III

	13	CS204ES	C113	Computer Programming in C
	14	ME205ES	C114	Engineering Graphics
	15	CH206BS	C115	Engineering Chemistry Lab
	16	PH207BS	C116	Engineering Physics Lab
	17	CS208ES	C117	Computer Programming in C Lab
	18	*EA209MC	C118	NCC/NSO
II Year I Semester	19	MA301BS	C201	Mathematics - IV
	20	CS302ES	C202	Data Structures Through C++
	21	CS303ES	C203	Mathematical Foundations Of Computer Science
	22	CS304ES	C204	Digital Logic Design
	23	CS305ES	C205	Object Oriented Programming Through Java
	24	CS306ES	C206	Data Structures Through C++ Lab
	25	CS307ES	C207	IT Workshop
	26	CS308ES	C208	Object Oriented Programming Through Java Lab
II Year II Semester	27	* MC300ES	C209	Environmental Science and Technology
	28	CS401ES	C210	Computer Organization
	29	CS402ES	C211	Database Management Systems
	30	CS403ES	C212	Operating Systems
	31	CS404ES	C213	Formal Languages And Automata Theory
	32	SM405ES	C214	Business Economics And Financial Analysis

	33	CS406ES	C215	Computer Organization Lab
	34	CS407ES	C216	Database Management Systems Lab
	35	CS408ES	C217	Operating Systems Lab
	36	* MC400HS	C218	Gender Sensitization Lab
III Year I Semester	37	CS501PC	C301	Design And Analysis Of Algorithms
	38	CS502PC	C302	Data Communication And Computer Networks
	39	CS503PC	C303	Software Engineering
	40	SM504MS	C304	Fundamentals Of Management
	41	CS505PC	C305	Design And Analysis Of Algorithms Lab
	42	CS506PC	C306	Computer Networks Lab
	43	CS507PC	C307	Software Engineering Lab
	44	*MC500HS	C308	Professional Ethics
III Year II Semester	45	CS601PC	C309	Compiler Design
	46	CS602PC	C310	Web Technologies
	47	CS603PC	C311	Cryptography And Network Security
	48	CS614PE	C312	Mobile Computing
	49	CE7000E	C313	Remote Sensing And Gis
	50	CS604PC	C314	Cryptography And Network Security Lab
	51	CS605PC	C315	Web Technologies Lab
	52	EN606HS	C316	Advanced English Communication Skills Lab

IV Year I Semester	53	CS701PC	C401	Data Mining
	54	CS702PC	C402	Principles of Programming Languages
	55	CS721PE	C403	Python Programming
	56	CS733PE	C404	Cloud Computing
	57	CS7324PE	C405	Software Process and Project Management
	58	CS703PC	C406	Data Mining Lab
	59	CS751PC	C407	Python Programming Lab
	60	CS705PC	C408	Industry Oriented Mini Project
	61	CS706PC	C409	Seminar
IV Year Semester II	62	CS863PE	C410	Computer Forensics
	63	CS854PE	C411	Modern Software Engineering
	64	ME8310E	C412	Total Quality Management
	65	CS801PC	C413	Major Project

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**Course Name: MATHEMATICS-IV(C201)**

**Batch: 2017-2021**

Course Name	Course outcomes
C201.1	analyze the complex functions with reference to their analyticity, integration using Cauchy's integral theorem
C201.2	find the Taylor's and Laurent's series expansion of complex functionsthe bilinear transformation
C201.3	express any periodic function in term of sines and cosines
C201.4	express a non-periodic function as integral representation
C201.5	analyze one dimensional wave and heat equation

**Course Name: DATA STRUCTURES THROUGH C++ (C202)**

**Batch: 2017-2021**

Course Name	Course outcomes
<b>C202.1</b>	Ability to choose appropriate data structures to represent data items in real world problems
<b>C202.2</b>	Ability to analyze the time and space complexities of algorithms
<b>C202.3</b>	Ability to design programs using a variety of data structures such as stacks, queues, hash tables
<b>C202.4</b>	Able to analyze and implement various kinds of searching and sorting techniques
<b>C202.5</b>	Ability to design programs using a variety of data structures such as binary trees, search trees, heaps, graphs, and B-trees

**Course Name: MATHEMATICAL FOUNDATIONS OF COMPUTER SCIENCE (C203)**

**Batch: 2017-2021**

Course Name	Course outcomes
<b>C203.1</b>	Ability to apply mathematical logic to solve problems
<b>C203.2</b>	Understand sets, relations, functions, and discrete structures
<b>C203.3</b>	Able to use logical notation to define and reason about fundamental mathematical concepts such as sets, relations, and functions.
<b>C203.4</b>	Able to formulate problems and solve recurrence relations
<b>C203.5</b>	Able to model and solve real-world problems using graphs and trees

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**Course Name: DIGITAL LOGIC DESIGN (C204)**

**Batch: 2017-2021**

Course Name	Course outcomes
<b>C204.1</b>	Able to understand number systems and codes
<b>C204.2</b>	Able to solve Boolean expressions using Minimization methods.
<b>C204.3</b>	Able to design the sequential and combinational circuits
<b>C204.4</b>	Able to apply state reduction methods to solve sequential circuits.
<b>C204.5</b>	To implement synchronous state machines using flip-flops

**Course Name: OBJECT ORIENTED PROGRAMMING THROUGH JAVA (C205)**

**Batch:2017-2021**

Course Name	Course outcomes
<b>C205.1</b>	Able to solve real world problems using OOP techniques
<b>C205.2</b>	Able to understand the use of abstract classes.
<b>C205.3</b>	Able to solve problems using java collection framework and I/o classes
<b>C205.4</b>	Able to develop multithreaded applications with synchronization
<b>C205.5</b>	Able to develop applets for web applications AND GUI based applications)

**Course Name: DATA STRUCTURES THROUGH C++ LAB (C206)**

**Batch: 2017-2021**

Course Name	Course outcomes
<b>C206.1</b>	Able to identify the appropriate data structures and algorithms for solving real world problems.
<b>C206.2</b>	Able to implement various kinds of searching techniques
<b>C206.3</b>	Able to implement data structures such as stacks queues
<b>C206.4</b>	Able to implement various kinds of sorting techniques
<b>C206.5</b>	Able to implement data structures such as Search trees, and hash

**Course Name: IT WORKSHOP (C207)**

**Batch: 2017-2021**

Course Name	Course outcomes
<b>C207.1</b>	Apply knowledge for computer assembling and software installation
<b>C207.2</b>	Ability how to solve the trouble shooting problems

<b>C207.3</b>	Apply the tools for preparation of PPT
<b>C207.4</b>	Apply the tools for preparation of Documentation
<b>C207.5</b>	Apply the tools for preparation of budget sheet etc

**Course Name: OBJECT ORIENTED PROGRAMMING THROUGH JAVA LAB (C208)**

**Batch: 2017-2021**

Course Name	Course outcomes
<b>C208.1</b>	Able to solve real world problems using OOP techniques.
<b>C208.2</b>	Able to understand the use of abstract classes
<b>C208.3</b>	Able to solve problems using java collection framework and I/o classes.
<b>C208.4</b>	Able to develop multithreaded applications with synchronization.
<b>C208.5</b>	Able to develop applets for web applications and design GUI based applications.

**Course Name: COMPUTER ORGANIZATION (C210)**

**Batch: 2017-2021**

Course Name	Course outcomes
<b>C210.1</b>	Able to understand the basic components and the design of CPU, ALU and Control Unit.
<b>C210.2</b>	Ability to understand memory hierarchy and its impact on computer Cost/performance.
<b>C210.3</b>	Ability to understand the advantage of instruction level parallelism and pipelining for High performance Processor design
<b>C210.4</b>	Ability to understand the instruction set, instruction formats and addressing modes of 8086.
<b>C210.5</b>	Ability to write assembly language programs to solve problems

**Course Name: DATABASE MANAGEMENT SYSTEM (C211)**

**Batch: 2017-2021**

Course Name	Course outcomes
<b>C211.1</b>	Demonstrate the basic elements of a relational database management system
<b>C211.2</b>	Ability to identify the data models for relevant problems.
<b>C211.3</b>	Ability to design entity relationship model and convert entity relationship diagrams into RDBMS and formulate SQL queries on the data.
<b>C211.4</b>	Apply normalization for the development of application software
<b>C211.5</b>	An ability to perform experiments to analyze and interpret data for different applications

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**Course Name: OPERATING SYSTEMS (C212)**

**Batch: 2017-2021**

Course Name	Course outcomes
<b>C212.1</b>	Apply optimization techniques for the improvement of system performance.
<b>C212.2</b>	Ability to design and solve synchronization problems
<b>C212.3</b>	Learn about minimization of turnaround time, waiting time and response time and also maximization of throughput by keeping CPU as busy as possible.
<b>C212.4</b>	Ability to change access controls to protect files
<b>C212.5</b>	Ability to compare the different operating systems.

**Course Name: FORMAT LANGUAGES AND AUTOMATA THEORY (C213)**

**Batch: 2017-2021**

Course Name	Course outcomes
<b>C213.1</b>	Able to understand the concept of abstract machines and their power to recognize the languages.
<b>C213.2</b>	Able to employ finite state machines for modeling and solving computing problems.
<b>C213.3</b>	Able to design context free grammars for formal languages
<b>C213.4</b>	Able to distinguish between decidability and undecidability
<b>C213.5</b>	Able to gain proficiency with mathematical tools and formal methods

**V Course Name: BUSINESS ECONOMICS AND FINANCIAL ANALYSIS (C214)**

**Batch: 2017-2021**

Course Name	Course outcomes
<b>C214.1</b>	The students will understand the various Forms of Business and the impact of economic variables on the Business
<b>C214.2</b>	The Demand, Supply, Production, Cost, Market Structure, Pricing aspects are learnt
<b>C214.3</b>	The Students can study the firm's financial position by analysing the Financial Statements of a Company.
<b>C214.4</b>	Understand the framework for both manual and computerized accounting process ratio analysis.
<b>C214.5</b>	Develop an understanding of Analyze how capital budgeting decisions are carried out

**Course Name: COMPUTER ORGANIZATION LAB (C215)**

**Batch: 2017-2021**

Course Name	Course outcomes
<b>C215.1</b>	CO1.Ability to learn logic gates using NAND & NOR



<b>C215.2</b>	CO2.Ability to learn Full Adder using gates
<b>C215.3</b>	CO3.Ability to learn All Combinational circuits using ICs
<b>C215.4</b>	CO4.Ability to learn decoder counter using Ics/Ability to learn Assembly languages program for various expressions
<b>C215.5</b>	CO5.Ability to learn shift register using Ics/Ability to learn ALP for Sorting an away of numbers

**Course Name:** DATABASE MANAGEMENT SYSTEMS LAB (C216)

**Batch: 2017-2021**

Course Name	Course outcomes
<b>C216.1</b>	Ability to design and implement a database schema for given problem.
<b>C216.2</b>	Able to Capable to design and build a GUI application
<b>C216.3</b>	Able to Apply the normalization techniques for development of application software to realistic problems.
<b>C216.4</b>	Ability to formulate queries using SQL DML/DDI commands.
<b>C216.5</b>	Ability to formulate queries using SQL DCL commands.

**Course Name:** OPERATING SYSTEMS LAB (C217)

**Batch: 2017-2021**

Course Name	Course outcomes
<b>C217.1</b>	CO1. Ability to develop application programs using system calls in Unix.
<b>C217.2</b>	CO2. Ability to implement interprocess communication between two processes.
<b>C217.3</b>	CO3. Ability to design and solve synchronization problems.
<b>C217.4</b>	CO4.Ability to simulate and implement operating system concepts such as scheduling
<b>C217.5</b>	CO5.Ability to simulate and implement operating system concepts deadlock management, file management, and memory management.

**Course Name:** DESIGN OF ANAYSIS AND ALGORITHMS (C301)

**Batch: 2017-2021**

Course Name	Course outcomes
<b>C301.1</b>	Ability to analyze the performance of algorithms
<b>C301.2</b>	Ability to choose appropriate algorithm design techniques for solving problems
<b>C301.3</b>	Ability to understand how the choice of data structures and the algorithm design methods impact the performance of programs
<b>C301.4</b>	Synthesize efficient algorithms in common engineering design situations
<b>C301.5</b>	Apply important algorithmic design paradigms and methods of analysis

**Course Name: DATA COMMUNICATION AND COMPUTER NETWORKS (C302)****Batch: 2017-2021**

Course Name	Course outcomes
<b>C302.1</b>	Students should be understand and explore the basics of Computer Networks and Various Protocols. He/She will be in a position to understand the World Wide Web concepts..
<b>C302.2</b>	Students will be in a position to administrate a network and flow of information further he/she can understand easily the concepts of network security, Mobile and ad hoc networks.
<b>C302.3</b>	To analyze different routing algorithms in network layer
<b>C302.4</b>	To assume Standards for LAN elements and protocols of transport layer
<b>C302.5</b>	To discuss various protocols such as FTP, HTTP, Telnet, DNS

**Course Name: SOFTWARE ENGINEERING (C303)****Batch: 2017-2021**

Course Name	Course outcomes
<b>C303.1</b>	Ability to identify the minimum requirements for the development of application
<b>C303.2</b>	Ability to develop, maintain, efficient, reliable and cost effective software solutions
<b>C303.3</b>	Ability to critically thinking and evaluate assumptions and arguments.
<b>C303.4</b>	Apply various software development lifecycle models to a development project. This includes developing a project plan and making a simple schedule and resource allocation model.
<b>C303.5</b>	Use various test strategies for quality software product

**Course Name: Fundamentals of Management (C304)****Batch: 2017-2021**

Course Name	Course outcomes
<b>C304.1</b>	The students understand the significance of Management in their Profession.
<b>C304.2</b>	The various Management Functions like Planning, Organizing, Staffing, Leading, Motivation and Control aspects are learnt in this course.
<b>C304.3</b>	The students can explore the Management Practices in their domain area.
<b>C304.4</b>	The student is able to understand the principles of an organization
<b>C304.5</b>	The student is able to understand the Leadership and leadership styles

**Course Name: Design of Anaysis and Algorithms Lab(C305)****Batch: 2017-2021**

Course Name	Course outcomes
<b>C305.1</b>	Ability to write programs in java to solve problems using algorithm design techniques such as Divide and

	Conquer
<b>C305.2</b>	Ability to write programs in java to solve problems using Greedy
<b>C305.3</b>	Ability to write programs in java to solve problems using backtracking strategy
<b>C305.4</b>	Ability to write programs in java to solve problems using dynamic programming techniques
<b>C305.5</b>	ability to develop searching Techniques

**Course Name: COMPUTER NETWORKS LAB (C306)**

**Batch: 2017-2021**

Course Name	Course outcomes
<b>C306.1</b>	Ability to understand the encryption and decryption concepts in Linux environmen
<b>C306.2</b>	Ability to apply appropriate algorithm for the finding of shortest route.
<b>C306.3</b>	Ability to configure the routing table
<b>C306.4</b>	Able to obtain broadcast tree using subnet
<b>C306.5</b>	ability to understand error detection and error correction

**Course Name: SOFTWARE ENGINEERING LAB (C307)**

**Batch: 2017-2021**

Course Name	Course outcomes
<b>C307.1</b>	Ability to understand Problem Analysis and Project Planning
<b>C307.2</b>	Ability to understand Software Requirement Analysis
<b>C307.3</b>	Ability to understand Data Modeling
<b>C307.4</b>	Able to apply Software Designing
<b>C307.5</b>	ability to develop Prototype model

**Course Name: Compiler Design (C309)**

**Batch: 2017-2021**

Course Name	Course outcomes
<b>C309.1</b>	Ability to design, develop, and implement a compiler for any language.
<b>C309.2</b>	Able to use lex and yacc tools for developing a scanner and a parser.)
<b>C309.3</b>	Able to design and implement LL and LR parsers
<b>C309.4</b>	Able to design algorithms to perform code optimization in order to improve the performance of a program in terms of space and time complexity
<b>C309.5</b>	Ability to design algorithms to generate machine code

**Course Name: Web Technologies (C310)****Batch: 2017-2021**

Course Name	Course outcomes
C310.1	gain knowledge of client side scripting, validation of forms and AJAX programming.
C310.2	have understanding of server side scripting with PHP language
C310.3	have understanding of what is XML and how to parse and use XML Data with Java.
C310.4	To introduce Server side programming with Java Servlets and JSP
C310.5	gain knowledge of client side scripting, validation of forms and AJAX programming

**Course Name: Cryptography And Network Security (C311)****Batch: 2017-2021**

Course Name	Course outcomes
C311.1	Student will be able to understand basic cryptographic algorithms, message and web authentication and security issues.
C311.2	Ability to identify information system requirements for both of them such as client and server.
C311.3	Ability to understand the current legal issues towards information security.
C311.4	Ability to Describe network security services and mechanisms.
C311.5	Various network security applications, IPSec, Firewall, IDS, Web security, Email security, and Malicious software etc.

**Course Name: MOBILE COMPUTING (C312)****Batch: 2017-2021**

Course Name	Course outcomes
C312.1	Able to think and develop new mobile application
C312.2	Able to take any new technical issue related to this new paradigm and come up with a solutions
C312.3	Able to understand & develop any existing or new protocol related to mobile environment
C312.4	Able to understand about data dissemination and synchronization
C312.5	Able to develop new ad hoc network applications and/or algorithms/protocols.

**Course Name: Remote Sensing And GIS (C313)****Batch: 2017-2021**

Course Name	Course outcomes
C313.1	Retrieve the information content of remotely sensed data
C313.2	Analyze the energy interactions in the atmosphere and earth surface features

<b>C313.3</b>	Interpret the images for preparation of thematic maps.
<b>C313.4</b>	Apply problem specific remote sensing data for engineering applications
<b>C313.5</b>	Analyze spatial and attribute data for solving spatial problems Create GIS and cartographic outputs for presentation

**Course Name: Cryptography and Network Security Lab (C314)**

**Batch: 2017-2021**

Course Name	Course outcomes
<b>C314.1</b>	Ability to Identify basic security attacks and services.
<b>C314.2</b>	Ability to Use symmetric and asymmetric key algorithms for cryptography
<b>C314.3</b>	Ability to Make use of Authentication functions
<b>C314.4</b>	Ability to Understand computer security principles and discuss ethical issues for theft of information. Identify threat models and common computer network security goals
<b>C314.5</b>	Ability to Analyze firewalls, DOS attacks and defense types. Dramatize example scenarios in DNS and IPsec applications

**Course Name: WEB TECHNOLOGIES LAB (C315)**

**Batch: 2017-2021**

Course Name	Course outcomes
<b>C315.1</b>	Able to Use LAMP Stack for web applications
<b>C315.2</b>	Able to Use Tomcat Server for Servlets and JSPs
<b>C315.3</b>	Able to Write simple applications with Technologies like HTML, Javascript, AJAX, PHP,Servlets and JSPs
<b>C315.4</b>	Able to Connect to Database and get results
<b>C315.5</b>	Able to Parse XML files using Java (DOM and SAX parsers)

**Course Name: Advanced English Communication Skills Lab (C316)**

**Batch: 2017-2021**

Course Name	Course outcomes
<b>C316.1</b>	Able to Acquire vocabulary and use it contextually
<b>C316.2</b>	Able to Listen and speak effectively
<b>C316.3</b>	Able to Develop proficiency in academic reading and writing
<b>C316.4</b>	Able to Increase possibilities of job prospects.
<b>C316.5</b>	Able to Communicate confidently in formal and informal contexts

**Course Name: DATA MINING (C401)****Batch: 2017-2021**

Course Name	Course outcomes
C401.1	Ability to analyze the perform the preprocessing of data and apply mining techniques on it
C401.2	Ability to identify the association rules,classification and clusters in large data sets.
C401.3	Ability to understand the classification and Evaluation of classifiers and selecting the best split Algorithm
C401.4	Ability to solve real world problems in business and scientific information using data mining
C401.5	Ability to classify web pages, extracting knowledge from the web

**Course Name: PRINCIPLES OF PROGRAMMING LANGUAGES (C402)****Batch: 2017-2021**

Course Name	Course outcomes
C402.1	Ability to express syntax and semantics in formal notation.
C402.2	Ability to apply suitable programming paradigm for the application.
C402.3	Ability to compare the features of various programming languages.
C402.4	Able to understand the programming paradigms of modern programming languages.
C402.5	Able to understand the concepts of ADT and OOP. • Ability to program in different language paradigms and evaluate their relative benefits.

**Course Name: PYTHON PROGRAMMING (C403)****Batch: 2017-2021**

Course Name	Course outcomes
C403.1	Identify Python syntax and semantics and be fluent in the use of Python flow control and functions.
C403.2	Demonstrate proficiency in handling Strings and File Systems.
C403.3	Create, run and manipulate Python Programs using core data structures like Lists, Dictionaries and use Regular Expressions
C403.4	Interpret the concepts of Object-Oriented Programming as used in Python.
C403.5	Explain exemplary applications related to Network Programming, Web Services and Databases in Python.

**Course Name: CLOUD COMPUTING (C404)****Batch: 2017-2021**

Course Name	Course outcomes
C404.1	Ability to understand different types of computing in this computer Era

<b>C404.2</b>	Ability to understand various service delivery models of cloud computing Architecture.
<b>C404.3</b>	Ability to understand the cloud service models.
<b>C404.4</b>	Ability to understand the ways in which cloud can be Programmed and deployed.
<b>C404.5</b>	Ability to understand different cloud service Providers.

**Course Name: SOFTWARE PROCESS AND PROJECT MANAGEMENT. (C405)**

**Batch: 2017-2021**

Course Name	Course outcomes
<b>C405.1</b>	A more advanced knowledge of the region including research and writing in a seminar format
<b>C405.2</b>	Self-study on multidisciplinary areas related to CSE engineering
<b>C405.3</b>	Develop required skills for technical presentataion
<b>C405.4</b>	Concentrate on specific topic in scientific and engineering fields
<b>C405.5</b>	Discuss new trends among group of students and facilities

**Course Name: DATA MINING LAB (C406)**

**Batch: 2017-2021**

Course Name	Course outcomes
<b>C406.1</b>	Ability to implement practical Experience using data mining techniques on real world data sets
<b>C406.2</b>	Ability to add mining algorithms as a component to the exiting tools
<b>C406.3</b>	Ability to apply mining techniques for realistic data
<b>C406.4</b>	Ability to apply Mining techniques for Hospital Management system.
<b>C406.5</b>	Ability to apply Mining techniques for Credit Risk Assessment.

**Course Name: PYTHON PROGRAMMING LAB. (C407)**

**Batch: 2017-2021**

Course Name	Course outcomes
<b>C407.1</b>	Ability to understand the basic concepts scripting and the contributions of scripting languages
<b>C407.2</b>	Ability to explore python especially the object oriented concepts, and the built in objects of python.
<b>C407.3</b>	Ability to create the practical and contemporary applications such as TCP/IP network programming.
<b>C407.4</b>	Ability to Create Web Applications.
<b>C407.5</b>	Ability to create the Discrete Event Simulations.

**Course Name:MINI PROJECT (C408)****Batch: 2017-2021**

Course Name	Course outcomes
<b>C408.1</b>	Ability to Work in a team
<b>C408.2</b>	Ability to Understand the various phases involved in developing a product
<b>C408.3</b>	Ability to Express/interpret their views with out hesitation
<b>C408.4</b>	Ability to Produce the project in product based form
<b>C408.5</b>	Ability to Present the project orally and in written report

**Course Name: SEMINAR(C409)****Batch: 2017-2021**

Course Name	Course outcomes
<b>C409.1</b>	A more advanced knowledge of the region including research and writing in a seminar format
<b>C409.2</b>	Self-study on multidisciplinary areas related to CSE engineering
<b>C409.3</b>	Develop required skills for technical presentataion
<b>C409.4</b>	Concentrate on specific topic in scientific and engineering fields
<b>C409.5</b>	Discuss new trends among group of students and facilities

**Course Name: COMPUTER FORENSICS (C410)****Batch: 2017-2021**

Course Name	Course outcomes
<b>C410.1</b>	Understand the real time computer forensic issue.
<b>C410.2</b>	Understand data recovery, forensics lab certification and physical requirements.
<b>C410.3</b>	Identify different storage formats for data acquisition.
<b>C410.4</b>	Analyze various data acquisition tools for collecting digital evidence.
<b>C410.5</b>	Identify and apply various computer forensics tools to solve the computer forensic cases.

**Course Name: MODERN SOFTWARE ENGINEERING (C411)****Batch: 2017-2021**

Course Name	Course outcomes
<b>C411.1</b>	CO1 Ability to understand agile development
<b>C411.2</b>	CO2 Able to explain the basic concept of collaborating
<b>C411.3</b>	CO3 Able to define releasing
<b>C411.4</b>	CO4 Able to understand the planing risk management



<b>C411.5</b>	CO5 Ability to understand the developing and incremental requirements
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**Course Name: TOTAL QUALITY MANAGEMENT (C412)**

**Batch: 2017-2021**

Course Name	Course outcomes
<b>C412.1</b>	Understand the significance of quality control and business performance
<b>C412.2</b>	Understand the significance of customer focus and satisfaction
<b>C412.3</b>	Able to identify the system approach and organizing for quality implementation
<b>C412.4</b>	Understand the cost of quality and quality management
<b>C412.5</b>	Understand the significance of universal standards and ISO9000

**Course Name: MAJOR PROJECT (C413)**

**Batch: 2017-2021**

Course Name	Course outcomes
<b>C413.1</b>	Ability to Apply convert theoretical concepts into working model
<b>C413.2</b>	Ability to Improve their communication skills and team work
<b>C413.3</b>	Ability to Plan, implement and document the problem solution
<b>C413.4</b>	Ability to Analyze, design, and develop while providing solution to the problem
<b>C413.5</b>	Ability to Use the latest technology and tools which are sort after by the industries