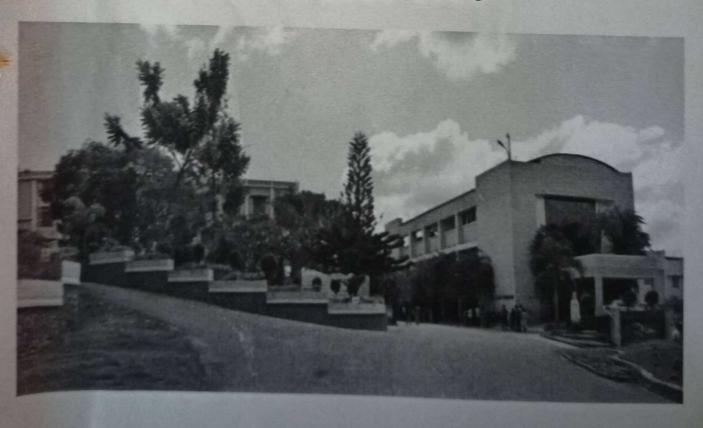


College of Engineering & Technology
(NAAC Accredited Institution)
Run by Catholic Diocese of Marthandam

Department of Computer Science and Engineering

COURSE OUTCOME
AND
PROGRAM OUTCOME ATTAINMENT
BATCH 2016-2020





College of Engineering and Technology
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List of Course Outcomes

Batch 2016-2020

Course	Course Code	Course Name		Course Outcome
			C101.1	Summarize various experiences and events
			C101.2	interpret various visual materials (line graphs, pie charts etc.)
Cana		Technical English -	C101.3	use the electronic media (internet) for email.communication
C101	HS6151	I	C101.4	describe various processes using sequence words
			C101.5	Analyse different spoken discourses/excerpts
			C101.6	write cohesively and coherently and flawlessly avoiding grammatical errors
		Mathematics – I	C102.1	find inverse of a matrix using Cayley Hamilton theorem
	MA6151		C102.2	find the area and volume enclosed by any curve using double and multiple integration technique
C102			C102.3	use a wide vocabulary range to organize the ideas logically on a topic
			C102.4	find the radius of curvature of any curve.
			C102.5	check the convergency of the given series using different test.
			C102.6	Solve any simultaneous differential equation
			C103.1	Calculate the packing factor in crystalline structures.
C103	PH6151	Engineering Physics - I	C103.2	Choose appropriate material for manufacturing automobile parts, power plants, engines based on their modulus of elasticity.
			C103.3	Select proper material for heat exchangers, boilers, evaproters, compressors based on their thermal behaviours in Frad.

MAR EPTRAGA COLLEGE

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Course	Course Code	Course Name	3134	Course Outcome
			C103.4	analyse the dual nature of electrons in SEM,TEM,STEM.
			C103.5	Apply ultrasonic NDT to Find flaws in metal processing ,ships,automobile parts ,aircrafts.
			C103.6	Demonstrate fibre optic sensors used for sensing temperature and pressure variation in pipelines,boilers,oil tanks.
			C104.1	Recognize the right type of polymer in designing.
			C104.2	Apply various energy transformations principle in systems
		Engineering Chemistry – I	C104.3	Analyze compounds spectroanalytically
C104	CY6151		C104.4	Analyze defects in structures using spectroanalytical methods
			C104.5	Choose appropriate alloys in manufacturing.
			C104.6	Select proper nanomaterial in manufacturing technology.
		Computer	C105.1	Describe the functions of a digital computer with its organization
			C105.2	Apply appropriate algorithm to solve the problem.
C105	GE6151		C105.3	Analyse the different conditional constructs to solve simple scientific and statistical problems
CIOS	GEOTOT	Programming	C105.4	Analyse the usage of functions and pointers
			C105.5	Solve the program using arrays and strings
			C105.6	Apply the concept of structures and unions in writing C programs.
		Engineering	C106.1	Construct engineering drawing using appropriate scales and standards
C106	GE6152	Graphics	C106.2	Perform freehand sketching of basic geometrical constructions and multiple views of objects A Management of the construction

Prof. Dr. A. Kenneffed, M.E., PR.O.

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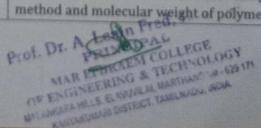
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Course	Course Code	Course Name		Course Outcome
			C106.3	Draw orthographic projection of lines and plane surfaces
			C106.4	Draw projections of solids and development of surfaces
			C106.5	Perform isometric and perspective sections of simple solids
			C106.6	Perform projections of sectioned solids and development of sectioned surfaces
			C107.1	Choose appropriate office automation tool to solve the problem
C107 GE6161		C107.2	Apply good programming design methods for program development.	
	GE6161	Computer Practices Laboratory	C107.3	Design and implement C programs for simple applications.
			C107.4	Solve problems using String functions
			C107.5	Create and Implement the C programs with the help of structures and unions.
			C108.1	Fabricate basic carpentry components & pipe connections.
			C108.2	Join the structures using arc welding.
C108	GE6162	Engineering Practices	C108.3	Demonstrate basic machining operations in Lathe.
-100		Laboratory	C108.4	Fabricate the models using sheet metal works.
			C108.5	Demonstrate basic electrical engineering practices and appliances.
			C109.1	Evaluate the wavelength of spectral lines using spectrometer
C109 GI	GE6163	Physics and Chemistry Laboratory - I	C109.2	Appraise the velocity of sound and compressibility of the liquid using ultrasonic interferometer and thermal conductivity for bad conductors using Lee's disc apparatus.
			C109.3	Determine the DO content in water sample by winkler's method and molecular weight of polymer by Ostwald





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Course	Course Code	Course Name		Course Outcome
				viscometer
			C109.4	Find the strength of an acid using pH meter and conductometer
			C109.5	Estimate the amount of weak and strong acids in a mixture b conductometer
			C110.1	create reports & curriculum vitae
			C110.2	use active & passive sentences
C110	HS6251	Technical English -	C110.3	produce different types of writing such as narration, description, exposition and argument
2110		11	C110.4	analyse and evaluate the implied meanings of various texts
			C110.5	Paraphrasing minutes of meeting
			C110.6	Prepare formal letters
		Mathematics - II	C111.1	apply the Laplace transform techniques in the analysis of linear time invariant systems
			C111.2	Find complex integration using cauchy's residue theorem and cauchy's integral formula
			C111.3	transform any function from one domain to another domain using conformal mapping.
C111	MA6251		C111.4	transform any function from one domain to another domain using bilinear transformation
			C111.5	calculate line integral, surface integral and volume integral for the given curve
			C111.6	solve ordinary differential equations using different methods
			C112.1	choose proper conducting material used for heating elements, coils, electrical machines.
C112	PH6251	Engineering	C112.2	Calculate the carrier concentration for semi conducting materials.
		Physics - II	C112.3	select suitable magnetic material in the production of gyrator, motors, electric cars, MRI.
			C112.4	Apply super candicting phenomenon in the manufacturing o

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Course	Course Code	Course Name		Course Outcome
				SQUID,MAG LEV train,switching devices.
			C112.5	Use proper dielectric material for manufacturing of high voltage transformer, circuit breakers, servo motors.
			C112.6	Analyse different synthesis technique in the preparation of nano materials.
			C113.1	Analyse the importance of water technology in the purification of water and its domestic and industrial demands.
			C113.2	Explain the principles of electrochemistry and corrosion and their practical applicability.
C113	CY6251	Engineering	C113.3	Understand the fundamentals of different alternative sources of energy and their importance to the mankind.
		Chemistry – II	C113.4	Classify the types of battery
			C113.5	Analyse the different types of engineering materials and their applications in daily life.
			C113.6	Understand the industrial techniques of petroleum processing and determination of various parameters associated with combustion processes
		Digital Principles and System Design	C114.1	Define the fundamental concepts of digital logic circuits
			C114.2	Understand and Correlate between Boolean Expression, simplification methods to optimize it for desired characteristics.
C114	CS6201		C114.3	Apply the concept of digital logic circuits and Design various combinational building blocks and sequential logic to represent logic function in multiple forms
			C114.4	Analyze a memory cell and apply for organizing larger memory
			C114.5	Understand and compare the concepts of Programmable logic Devices.
			C114.6	Develop a HDL Programs for combinational and Sequential Circuits
			C115.1	Apply the concept of arrays and pointers in C language
C115	CS6202	Programming and	C115.2	Illustrate the process of file handling in C language
		Data Structures I	C115.3	Discuss about the various Linear Data Structure Operations
			C115.4	Apply the different linear data structures to problem

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Course	Course Code	Course Name		Course Outcome
				solutions.
			C115.5	Explain the various algorithms for sorting and searching
			C115.6	Demonstrate the indexing techniques in data structures
			C116.1	Evaluate the quantitative chemical analysis of hardness, alkalinity and copper ion.
		Physics and	C116.2	Evaluate the iron content of the given solution using potentiometer
C116	GE6262	Chemistry Laboratory -II	C116.3	Evaluate the determination of Bacl2 and sodium using conductivity meter
			C116.4	Describe optics, thermal physics,
			C116.5	Evaluate engineering properties of materials.
	CS6211	Digital Laboratory	C117.1	Examine Boolean Theorems using basic gates.
			C117.2	Apply the concept of digital logic circuits and implement combinational circuits using basic gates for arbitrary functions, code converters.
C117			C117.3	Design and implementation of combinational circuits using MSI devices
			C117.4	Analyze and implementation of sequential circuits: Shift – registers Synchronous and asynchronous counters
			C117.5	Design and implementation of a simple digital system
			C118.1	Apply pointers and functions
		Programming and	C118.2	Apply C Program for Linear Data Structure Operations
C118	CS6212	Data Structures Laboratory-I	C118.3	Apply File Manipulation Concepts
		Editor atory-t	C118.4	Apply Sorting Algorithms
			C118.5	Apply Searching Algorithms
C201	MA6351	Transforms and	C201.1	Develop partial differential equations for any provided

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Course	Course Code	Course Name		Course Outcome
		Partial Differential Equations		equations
			C201.2	Solve various types of partial differential equations
			C201.3	Solve one dimensional wave equations and heat equations using fourier series
			C201.4	Transform aperiodic function from one domain to another domain using Fourier transform method.
			C201.5	Transform periodic function into sum of sine and cosine series
			C201.6	Solve difference equations using Z-Transform.
		Programming and Data Structure II	C202.1	understand the object-oriented programming concepts in connection with C++
			C202.2	Apply object oriented concepts for problem solutions
	CS6301		C202.3	Write Reusable, Extensible and Robust programs in C++ with features like polymorphism,templates and exception handling
C202			C202.4	Use efficient non linear tree data structures like Binary tree,Binary search tree,B-Tree, AVL tree and Red-Black tree to design algorithms for various applications
			C202.5	Apply Graph search and sort algorithms to solve real world problems
			C202.6	Apply various shortest path algorithms to find optimal path in various applications
			C203.1	Design database for applications using ER model
		Database	C203.2	Write SQL queries using normalization and optimize query
C203	CS6302	Management Systems	C203.3	Apply concurrency control and recovery mechanism for practical problems
			C203.4	Explain different database applications and technology

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Course	Course Code	Course Name		Course Outcome
			C203.5	Apply security concepts to database
			C203.6	Compare various indexing strategies in different database system
			C204.1	Explain the computer organization components and instructions
			C204.2	Explain the various addressing modes
C204	CS6303	Computer	C204.3	Demonstrate arithmetic operations
CLUI	Goodoo	Architecture	C204.4	Interpret the basic of MIPS implementation and pipelining
			C204.5	Outline the concept of parallelism and multi-core processor
			C204.6	Classify the memory technologies and I/O systems
			C205.1	Recognize the different techniques in analog and digital communication
C205 CS6304		Analog and Digital	C205.2	Explain the various concepts of digital communication techniques
	CS6304		C205.3	Solve various problems on data communication codes
	000001	Communication	C205.4	Distinguish the data and pulse mode of communication
			C205.5	Analyze source and error control coding
			C205.6	categorize various multiuser radio communication techniques
			C206.1	Describe interrelationship between living organism and environment
			C206.2	Analyze the importance of environment by assessing its impact on the human world
		Environmental	C206.3	Analyze surrounding environment, its functions and its value
C206	GE6351	Science and	C206.4	Understand the features of the earth"s interior and surface
		Engineering	C206.5	Describe integrated themes and biodiversity, natural resources, pollution control and waste management
			C206.6	Develop and improve in standard of living has lead to serious environmental disasters
			C207.1	Apply basic OOP concept for solving real world problems
			C207.2	Use advaced feature of OOP to solve real world problems efficently
	00/211	Programming and	C207.3	Design and implement C++ programs for manipulating stacks queues, linked lists, trees, and graphs
C207	CS6311	Data Structure Laboratory II	C207.4	Apply various non linear tree data structure such as B-trees,Binary search tree,AVL tree etc. to solve various computing problems
			C207.5	Use graph datastructure to solve real world problems efficiently
C208	CS6312	Database	C208.1	Design database schema for a given problem-domain

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Course	Course Code	Course Name		Course Outcome
		Management	C208.2	Apply normalization techniques to normalize the database
		Systems Laboratory	C208.3	Develop and query a database Using DML and DDL Commands
			C208.4	Apply integrity constraints on a database using RDBMS
			C208.5	Illustrate PL/SQL using Stored Procedures, Stored functions and Cursors
			C209.1	Solve the distributions based on discrete random variables and continuous random variables
			C209.2	solve the problems on joint distributions,marginal and conditional distributions
C209	MA6453	Probability and Queueing Theory	C209.3	solve the problems using random processes and to calculate the auto correlation
			C209.4	solve the problems using Markov processes
			C209.5	solve the problems for different types of queues
			C209.6	Solve problems on chain series and Jackson networks
		Computer Networks	C210.1	Differentiate types of media, network topologies and network technologies and link layer services
			C210.2	Compare the various internetworking protocols
			C210.3	List the functions of network layer and the various routing protocols
C210	CS6551		C210.4	Differentiate the transport layer services and compare TCP and UDP
			C210.5	Differentiate the various application protocols like FTP, HTTP, SMTP, SNMP
			C210.6	Explain about the protocol layering and physical level communication
			C211.1	Explain the basic concepts and functions of Operating Systems
		Operating Systems	C211.2	Apply the principles of concurrency and design deadlock, prevention and avoidance algorithm
C211	CS6401		C211.3	Compare and contrast various memory management schemes
			C211.4	Implement prototype file system
			C211.5	Perform administrative tasks on Linux Servers
			C211.6	Describe the basics of Linux system & Mobile OS like IOS & Android.
C212	CS6402	Design and	C212.1	Design algorithms for shylgiven problem of. Dr. A. Lenth Process

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Course	Course Code	Course Name		Course Outcome
		Analysis of Algorithms	C212.2	Solve computational problems using brute force and divide and conquer algorithm design technique
			C212.3	Solve problems using greedy and dynamic programming techniques
			C212.4	Solve problems using iterative methods
			C212.5	Solve Problem using backtracking ,branch and bound techniques
			C212.6	Analyze the different algorithm design techniques for a given problem
			C213.1	Understand the architecture of Microprocessor and Microcontroller
			C213.2	write programs on 8086 microprocessor
C213	EC6504	Microprocessor and	C213.3	Understand the Bus structure and communication of Microprocessor
		Microcontroller	C213.4	Design I/O and memory interfacing circuits
			C213.5	Develop basic 8051 Microcontroller based programs
			C213.6	Develop interfacing Programs using 8051 Microcontroller
		Software Engineering	C214.1	Explain the software engineering process and project management
	CS6403		C214.2	Compare different process models
C214			C214.3	illustrate sofware requirements and analysis
C214			C214.4	describe the software design process and user interface
			C214.5	Compare and contrast various software testing
			C214.6	Discuss about the software integartion and project management
			C215.1	Implement the protocols like Stop and Wait Protocol, Sliding Window Protocol, ARP/RARP
		Networks	C215.2	Implement applications involving TCP and UDP
C215	CS6411	Laboratory	C215.3	Analyse the performance of the protocols in different layers
		Babbactery	C215.4	Analyze various routing algorithms like Link state routing, Flooding, Distance vector routing
			C215.5	Use the simulation tools like NS2
			C216.1	Develop ALP for fixed and floating point and Arithmetic operations using 8086 Microprocessor
		Microprocessor	C216.2	Use different I/O interfacing with 8086 Microprocessor
C216	CS6412	and Microcontroller	C216.3	Demonstrate serial and parallel interfacing of 8086 Microprocessor
		Laboratory	C216.4	Develop ALP for various applications using 8051 Microcontroller
			C216.5	Construct different waveform using 8051 Microcontroller
C217	CS6413	Operating Systems Laboratory	C217.1	Compare the performance of various CPU Scheduling Algorithms



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Course	Course Code	Course Name		Course Outcome
			C217.2	Implement Semaphores, Deadlock avoidance and Detection
			C217.3	Create processes and implement IPC
			C217.4	Analyze the performance of the various Page Replacement Algorithms
			C217.5	Implement file organization and File allocation Strategies
			C301.1	solve mathematical arguments using logical equivalences
			C301.2	apply basic counting techniques to solve combinatorial problems
		Discrete	C301.3	Draw different graphs using vertices as objects and edges represents the relationship between objects
C301	MA6566	Mathematics	C301.4	use different methods like mathematical induction, proof by contradiction, direct and indirect method to prove the statements
			C301.5	Check whether the function is abelian or not
			C301.6	Apply Logical equivalences in lattices and Boolean algebra
			C302.1	Design a responsive web site using HTML5 and CSS3
		Internet Programming	C302.2	Develop JavaScript code that works in all major browsers
			C302.3	Develop applications using SERVELETS and JSP
C302	CS6501		C302.4	Create Dynamic web site using server side PHP Programming and Database connectivity
			C302.5	Develop a well formed / valid XML document
			C302.6	Develop interactive web applications using AJAX and web services
			C303.1	Explain OOAD concepts and various UML diagrams
	CS6502	Object Oriented Analysis and	C303.2	Use the appropriate design patterns, to solve the problems in software design
C303			C303.3	Apply domain models and conceptual class concepts in various problem domains
		Design	C303.4	Implement the code from UML Class diagram
			C303.5	Compare and contrast various testing techniques
			C303.6	Design a software and hardware system by using different UML diagrams
			C304.1	Design algorithms for any given problem
			C304.2	Solve Computational problems using brute force and divide and conquer algorithm design technique
C304	CS6503	Theory of Computation	C304.3	Solve problems using Greedy and dynamic programming techniques
			C304.4	Solve problems using iterative methods
			C304.5	Solve problems using backtracking branch and bound



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Course	Course Code	Course Name		Course Outcome
			FEET S	techniques
			C304.6	Analyse the different algorithm design techniques for a given problem
			C305.1	Demonstrate the overview of graphics system and make use of various drawing algorithms of output primitives
COOL			C305.2	Apply the two dimensional transformations in modeling two dimensional graphics and objects
	CCCEDA	Computer	C305.3	Apply the three dimensional transformations in modeling three dimensional graphics and objects
C305	CS6504	Graphics	C305.4	Classify the basic illumination models and color models in shading and rendering objects
			C305.5	Explain the steps involved in designing animation sequences and graphics realism
			C305.6	Apply clipping techniques for two and three dimensional objects in selecting a particular portion of a scene
Charles To		Case Tools Laboratory	C306.1	Design the problem statement Using Usecsase diagram
C306 CS6511			C306.2	Design the problem statement Using Static UML diagram
	CS6511		C306.3	Design the problem statement Using Dynamic UML diagram
			C306.4	Design the problem statement Using Implementation diagram
			C306.5	Implement the code from design
			C307.1	Design Web pages using HTML/XML and style sheets
		Internet	C307.2	create user interfaces using Java frames and applets
C307	CS6512	Programming	C307.3	create dynamic web pages using server side scripting
		Laboratory	C307.4	Create Client Server applications
			C307.5	use the frameworks JSP Strut, Hibernate, Spring
		Computer Graphics Laboratory	C308.1	Implement algorithms to draw 2D and 3D objects
			C308.2	Implement 2D transformations and 3D projection of objects
C308	CS6513		C308.3	Implement and apply clipping techniques to 2D and 3D objects.
			C308.4	Use an image editing tool for image manipulation and image enhancement.
			C308.5	Use the animation tool to create 2D animations.
		Distributed Systems	C309.1	Discuss the various trends and examples in distributed systems
C309	CS6601		C309.2	Explain how communication takes place in distributed systems via IPC and indirect communication methods
			C309.3	Describe the use of the peer-to-peer system and file system

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Course	Course Code	Course Name		Course Outcome
				concepts that are intended to implement in distributed system
			C309.4	Discuss how the time and global states and fault tolerant services are involved in distributed systems
			C309.5	Discuss the management of process and resources in distributed systems
			C309.6	Explain the role of remote method invocation process to implement communication in distributed systems
			C310.1	Compare the features of different categories of MAC protocols
C310	IT6601	Mobile Computing	C310.2	Apply the knowledge of TCP/IP extensions for mobile and wireless networking
			C310.3	Classify different types of mibile telecommunication systems
C310			C310.4	Analyze various routing protocols in Mobile Ad-hoc networks
			C310.5	Explain the various features of Mobile operating system
			C310.6	choose appropriate mobile operating systems in developing mobile applications
C311			C311.1	Explain the phases of a Compiler
	CS6660	Compiler Design	C311.2	express language token using regular expression, context free grammar and finate automata and implement a simple lexical analyzer
			C311.3	Illustrate the translation of regular expression into parse tree using syntax analyzer
			C311.4	Construct the intermediate representation considering the type systems
			C311.5	Apply the optimization techniques for the generated code
			C311.6	Use the different compiler construction tools to develop a simple compiler
	IT6502	Digital Signal Processing	C312.1	understand the concepts of signals and systems
			C312.2	Perform frequency transforms for the signals
C312			C312.3	Design Infinite Impluse Response filters
			C312.4	Design Finite Impulse Response filters
			C312.5	understand the finite word length effects in digital filters
C313	CS6659	Artificial Intelligence	C312.6	Design multirate sampling systems
			C313.1	Design and implement Al techniques such as state-space search algorithms, Min-Max algorithm, for solving problems
			C313.2	Apply knowledge representation, reasoning, and machine learning techniques to solve problems
			C313.3	Design and implement expert systems using Al algorithms
			C313.4	solve uncertainty problems using probabilistic techniques
			C313.5	Design and implement planning algorithm for solving optimization problems. Prof. Dr. A. Lenin Fred. M.E., Ph.D.

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Course	Course Code	Course Name		Course Outcome
			C313.6	Design and implement appropriate learning algorithms such as decision trees
		Mobile Application Development Laboratory	C315.1	develop an application using GUI components and Mobile application development framework
	CS6611		C315.2	Develop an application using basic graphical primitives and databases
			C315.3	Construct an application using multi threading and RSS feed
C315			C315.4	apply GPS for location identification applications
	10000		C315.5	design a new applications to hand held devices
			C316.1	Develop the code for the different Phases of compiler using tools
		Compiler Laboratory	C316.2	Analyze the control flow and data flow of a typical program
C316	CS6612		C316.3	Modify a given program for performing optimization
C316	C56612		C316.4	Develop an assembly language program equivalent to a source language program
			C316.5	Develop the code for front-end of the compiler and code generator
C317		Communication and Soft Skills- Laboratory Based	C318.1	Understand the nuances of language through audio, visual materials and group activities
	GE6674		C318.2	Build professional thinking in various critical contexts
			C318.3	Develop fluency in spoken english and neutralize mother tongue influence
			C318.4	Apply language skills in interviews and future job environments
			C318.5	Develop their skills in international exams like IELTS and TOFEL
	CS6701	Cryptography and Network Security	C401.1	Classify the classical encryption techniques
			C401.2	Explain the cryptographic operations and algorithms of public key cryptography
C401			C401.3	Understand the various authentication schemes used in different applications
			C401.4	Understand various security practices and system security standards
			C401.5	Explain the various web security practices and web security standards
			C401.6	Apply the various cryptographic algorithms in encrypting and decrypting messag es
C402	CS6702	Graph Theory and Applications	C402.1	Draw the graph for the provided conditions
			C402.2	Evaluate the distance, center, degree and weight of a graph
			C402.3	Apply the color for a graph for the given condition
			C402.4	Apply the principles of permutation and combination in arranging different objects
			C402.5	Solve the homogeneous and non homogeneous linear
		Annual State of the State of th	C402.6	Solve the generating function d. M. S. Ph.D.
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Course	Course Code	Course Name		Course Outcome
C403	CS6703	Grid and Cloud Computing	C403.1	Analyze and identify the appropriate providers for cloud service models
			C403.2	explain how Grid computing helps in solving large scale scientific problems
			C403.3	explain the data intensive grid service models and grid computing toolkits
			C403.4	Apply the virtualization concepts for different applications in cloud computing environment
			C403.5	Solve complex problems using MapReduce concepts
			C403.6	Explain the security issues in grid and cloud environment
			C404.1	solve the linear programming problems using simplex method
C404	CS6704		C404.2	solve the optimization problems using dual programming problem.
		Description	C404.3	solve the transportation problem
		Resource Management Techniques	C404.4	solve the optimization problems using branch and bound methods.
			C404.5	solve the non-linear programming problems using dynamic programming method
			C404.6	Evaluate the project completion time using CPM and PERT.
	CS6711	Security Laboratory	C408.1	Apply the different substitution and transposition techniques
			C408.2	Develop the Symmetric key Cryptographic technique using DES and AES algorithm
C408			C408.3	Develop the asymmetric key cryptographic technique using RSA algorithm
0.00			C408.4	Demonstrate the Diffie/Hellman key exchange algorithm and message digest process
			C408.5	Show the Digital signature for secure data transmission and Demonstrate vulnerability assessment tool and network security tool
C409	CS6712	Grid and Cloud Computing Laboratory	C409.1	Develop secured applications using Java in Grid
			C409.2	Experiment with applications on grid
			C409.3	Analyze various procedures to run virtual machines of different configurations
			C409.4	Build cloud applications on Cloud
A PARTY	CS6801	Multi – Core Architectures and Programming	C409.5	Demonstrate the use of map and reduce tasks
			C410.1	Compare SIMD and MIMD systems
C410			C410.2	Apply the synchronization techniques and deadlock algorithms in parallel programming
			C410.3	Write programs for shared memory model using OpenMP.
			C410.4	Write programs for distributed memory model using MPI.

Prof. Dr. A. Lenin Fred, M.E., Ph.D.

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Course	Course Code	Course Name		Course Outcome
			C410.5	Explain the concepts of n-body solver and tree search algorithms.
			C410.6	Compare various OpenMP and MPI implementations based on the performance measures.
	CS6811	Project Work	C414.1	Identify the problem by applying acquired knowledge.
			C414.2	Analyze and categorize executable project modules after considering risks
			C414.3	Develop possible solutions for the analysed problm
			C414.4	Choose efficient tools for designing project modules
C414			C414.5	Develop optimal solutions considering the time and space efficiency
			C414.6	Combine all the modules through effective team work after efficient testing
			C414.7	Organize the project through work plan and detailed budgets
			C414.8	Elaborate the completed task and compile the project report
			C414.9	Influence effectively as a individual and team member

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