	INFORMATION TECHNOLOGY
	1 year - 1 semester
COURSE OUTCOMES	COMMUNICATIVE ENGLISH
	At the end of the module, the learners will be able to • understand social or
	transactional dialogues spoken by native speakers of English and identify the
CO1	context, topic, and pieces of specific information
	ask and answer general questions on familiar topics and introduce
	oneself/others • employ suitable strategies for skimming and scanning to get
CO2	the general idea of a text and locate specific information
	employ suitable strategies for skimming and scanning to get the general idea of
CO3	a text and locate specific information
	recognize paragraph structure and be able to match
CO4	beginnings/endings/headings with paragraphs
CO-1	seggs/enamgs/neaamgs with paragraphs
CO5	form sentences using proper grammatical structures and correct word forms
COURSE OUTCOMES	MATHEMATICS-I
COOKSE OUTCOIVIES	At the end of the course, the student will be able to • utilize mean value
CO1`	theorems to real life problems (L3)
COI	theorems to real life problems (LS)
CO2	solve the differential equations related to various engineering fields (L3)
COZ	familiarize with functions of several variables which is useful in optimization
CO2	· ·
CO3	(L3)
CO4	apply double integration techniques in evaluating areas hounded by region (12)
CO4	apply double integration techniques in evaluating areas bounded by region (L3)
	learn important tools of calculus in higher dimensions. Students will become
CO5	familiar with 2- dimensional and 3-dimensional coordinate systems(L5)
COURSE OUTCOMES	APPLIED PHYSICS
COURSE OUTCOIVIES	AFFEIED FITTSICS
	Explain the need of coherent courses and the conditions for sustained
	Explain the need of coherent sources and the conditions for sustained
	interference (L2). Identify the applications of interference in engineering (L3).
	Analyze the differences between interference and diffraction with applications
	(L4). Illustrate the concept of polarization of light and its applications (L2).
604	Classify ordinary refracted light and extraordinary refracted rays by their states
CO1	of polarization (L2)
	Explain various types of emission of radiation (L2). Identify the role of laser in
	engineering applications (L3). Describe the construction and working principles
	of various types of lasers (L1). Explain the working principle of optical fibers
	(L2). Classify optical fibers based on refractive index profile and mode of
	propagation (L2). Identify the applications of optical fibers in medical,
	communication and other fields (L2). Apply the fiber optic concepts in various
CO2	fields (L3).
	Describe the dual nature of matter (L1). Explain the significance of wave
	function (L2). Identify the role of Schrodinger's time independent wave
	equation in studying particle in one- dimensional infinite potential well (L3).
	Identify the role of classical and quantum free electron theory in the study of
CO3	electrical conductivity (L3). Classify the energy bands of solids (L2).

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	Explain the concept of dielectric constant and polarization in dielectric
	materials (L2). Summarize various types of polarization of dielectrics (L2).
	Interpret Lorentz field and Claussius-Mosotti relation in dielectrics (L2).
	the magnetic materials based on susceptibility and their temperature
	dependence (L2). Explain the applications of dielectric and magnetic materials
CO4	(L2). Apply the concept of magnetism to magnetic devices (L3)
	Outline the properties of charge carriers in semiconductors (L2). Identify the
	type of semiconductor using Hall effect (L2). Identify applications of
	semiconductors in electronic devices (L2). Classify superconductors based on
	Meissner's effect (L2). Explain Meissner's effect, BCS theory & Josephson effect
CO5	in superconductors (L2).
COURSE OUTCOMES	PROGRAMMING FOR PROBLEM SOLVING USING C
CO1	To write algorithms and to draw flowcharts for solving problems
CO2	To convert flowcharts/algorithms to C Programs, compile and debug programs
	To use different operators, data types and write programs that use two-way/
CO3	multi-way selection
CO4	To select the best loop construct for a given problem
	To design and implement programs to analyze the different pointer
CO5	applications
COURSE OUTCOMES	COMPUTER ENGINEERING WORKSHOP
CO1	Identify, assemble and update the components of a computer
	Configure, evaluate and select hardware platforms for the implementation and
CO2	execution of computer applications, services and systems
CO3	Make use of tools for converting pdf to word and vice versa
	Develop presentation, documents and small applications using productivity
CO4	tools such as word processor, presentation tools, spreadsheets, HTML, LaTex
COURSE OUTCOMES	PROGRAMMING FOR PROBLEM SOLVING USING C LAB
CO1	Apply the principles of C language in problem solving. •
CO2	To design flowcharts, algorithms and knowing how to debug programs.
CO3	To design & develop of C programs using arrays, strings pointers & functions.
CO4	To design & develop of C programs using arrays, strings pointers & functions.
	1 year - 2 semester
COURSE OUTCOMES	MATHEMATICS-II
	develop the use of matrix algebra techniques that is needed by engineers for
CO1	practical applications (L6)
	solve system of linear algebraic equations using Gauss elimination, Gauss
CO2	Jordan, Gauss Seidel (L3)
	evaluate the approximate roots of polynomial and transcendental equations by
CO3	different algorithms (L5)
	apply Newton's forward & backward interpolation and Lagrange's formulae for
CO4	equal and unequal intervals (L3)
CO5	apply numerical integral techniques to different Engineering problems (L3)

COURSE OUTCOMES	APPLIED CHEMISTRY
	Analyze the different types of composite plastic materials and interpret the
CO1	mechanism of conduction in conducting polymers
	Utilize the theory of construction of electrodes, batteries and fuel cells in
	redesigning new engineering products and categorize the reasons for corrosion
CO2	and study methods to control corrosion
CO3	Synthesize nanomaterials for modern advances of engineering technology
CO4	Analyze the principles of different analytical instruments and their applications
CO5	Obtain the knowledge of computational chemistry and molecular machines
COURSE OUTCOMES	COMPUTER ORGANIZATION
	Demonstrate and understanding of the design of the functional units of a
CO1	digital computer system.
603	Delete Destributes of Deploys alsolve and rejuining acceptional functions
CO2	Relate Postulates of Boolean algebra and minimize combinational functions
CO2	Recognize and manipulate representations of numbers stored in digital
CO3 CO4	computers Build the logic families and realization of logic gates.
CO5	Design and analyze combinational and sequential circuits
COURSE OUTCOMES	PYTHON PROGRAMMING
COOKSE OOTCOMES	Develop essential programming skills in computer programming concepts like
CO1	data types, containers
CO2	Apply the basics of programming in the Python language
CO3	Solve coding tasks related conditional execution, loops •
	Solve coding tasks related to the fundamental notions and techniques used in
CO4	object- oriented programming
COURSE OUTCOMES	DATA STRUCTURES
	Summarize the properties, interfaces, and behaviors of basic abstract data
CO1	types
	Discuss the computational efficiency of the principal algorithms for sorting &
CO2	searching•
	Use arrays, records, linked structures, stacks, queues, trees, and Graphs in
CO3	writing programs
CO4	Demonstrate different methods for traversing trees
COURSE OUTCOMES	PYTHON PROGRAMMING LAB
	Develop essential programming skills in computer programming concepts like
CO1	data types, containers
CO2	Apply the basics of programming in the Python language
CO3	Solve coding tasks related conditional execution, loops
	Solve coding tasks related to the fundamental notions and techniques used in
CO4	object- oriented programming
COURSE OUTCOMES	DATA STRUCTURES LAB
CO1	Use basic data structures such as arrays and linked list.
	Programs to demonstrate fundamental algorithmic problems including Tree
CO2	Traversals, Graph traversals, and shortest paths.
CO3	Use various searching and sorting algorithms
	2 year -1 semester

Interpret the physical meaning of different operators such as gradient, curl and
divergence (L5)
Estimate the work done against a field, circulation and flux using vector
calculus (L5)
Apply the Laplace transform for solving differential equations (L3)
Find or compute the Fourier series of periodic signals (L3)
Know and be able to apply integral expressions for the forwards and inverse
Fourier transform to a range of non-periodic waveforms (L3)
OBJECT ORIENTED PROGRAMMING THROUGH C++
Classify object oriented programming and procedural programming
Apply C++ features such as composition of objects, operator overloads,
dynamic memory allocation, inheritance and polymorphism, file I/O, exception
handling
Build C++ classes using appropriate encapsulation and design principles
Apply object oriented or non-object oriented techniques to solve bigger
computing problems
OPERATING SYSTEMS
Introduce to the internal operation of modern operating systems
Define, explain, processes and threads, mutual exclusion, CPU scheduling,
deadlock, memory management, and file systems
Understand File Systems in Operating System like UNIX/Linux and Windows
Understand Input Output Management and use of Device Driver and Secondary
Storage (Disk) Mechanism
Analyze Security and Protection Mechanism in Operating System
DATABASE MANAGEMENT SYSTEMS
Describe a relational database and object-oriented database
Create, maintain and manipulate a relational database using SQL
Describe ER model and normalization for database design
Examine issues in data storage and query processing and can formulate
appropriate solutions
Outline the role and issues in management of data such as efficiency, privacy,
security, ethical responsibility, and strategic advantage
DISCRETE MATHEMATICS AND GRAPH THEORY
Demonstrate skills in solving mathematical problems
Comprehend mathematical principles and logic•
Demonstrate knowledge of mathematical modeling and proficiency in using
mathematical software
Manipulate and analyze data numerically and/or graphically using appropriate
Software
OBJECT ORIENTED PROGRAMMING THROUGH C++ LAB
By the end of this lab the student is able to
Apply the various OOPs concepts with the help of programs
<u> </u>
OPERATING SYSTEM LAB
OPERATING SYSTEM LAB

CO4	Students will be able to use Linux environment efficiently
CO5	Solve problems using bash for shell scripting
COURSE OUTCOMES	DATABASE MANAGEMENT SYSTEMS LAB
COOKSE COTCOMES	Utilize SQL to execute queries for creating database and performing data
CO1	manipulation operations
CO2	Examine integrity constraints to build efficient databases
CO3	Apply Queries using Advanced Concepts of SQL
	Build PL/SQL programs including stored procedures, functions, cursors and
CO4	triggers
COURSE OUTCOMES	ANIMATIONS- 2D ANIMATION
CO1	learn various tools of digital 2-D animation
CO2	understand production pipeline to create 2-D animation.
	analyze special effects in animation to bring interest and awe in the scenes and
CO3	backgrounds
CO4	apply the tools to create 2D animation for films and videos
COURSE OUTCOMES	DISTRIBUTED TECHNOLOGIES-SQLITE
	learn about SQLite which is a relational database that is present in android and
CO1	helps the users by storing important information.
CO2	Perform various operations on server less database SQLite
	implement a small, fast, self-contained, high-reliability, full-featured using SQL
CO3	database engine.
COURSE OUTCOMES	CONSTITUTION OF INDIA
	Understand historical background of the constitution making and its
CO1	importance for building a democratic India.
	Understand the functioning of three wings of the government ie., executive,
CO2	legislative and judiciary
	Understand the value of the fundamental rights and duties for becoming good
CO3	citizen of India.
CO.4	Analyze the decentralization of power between central, state and local self-
CO4	government
	Apply the knowledge in strengthening of the constitutional institutions like
CO5	CAG, Election Commission and UPSC for sustaining democracy
CO3	CAG, Election Commission and or 3c for sustaining democracy
	2 year -2 semester
COURSE OUTCOMES	STATISTICS WITH R
CO1	List motivation for learning a programming language
	Access online resources for R and import new function packages into the R
CO2	workspace
CO3	Import, review, manipulate and summarize data-sets in R
	Explore data-sets to create testable hypotheses and identify appropriate
CO4	statistical tests
	Perform appropriate statistical tests using R , Create and edit visualizations
CO5	with R
COURSE OUTCOMES	PRINCIPLES OF SOFTWARE ENGINEERING
CO1	Transform an Object-Oriented Design into high quality, executable code
1	Skills to design, implement, and execute test cases at the Unit and Integration
CO2 CO3	level Compare conventional and agile software methods

COURSE OUTCOMES	AUTOMATA THEORY AND COMPILER DESIGN
CO1	Ability to design, develop, and implement a compiler for any language
CO2	Able to use LEX and YACC tools for developing a scanner and a parser
CO3	Able to design and implement LL and LR parsers
	Able to design algorithms to perform code optimization in order to improve
CO4	the performance of a program in terms of space and time complexity
CO5	Ability to design algorithms to generate machine code
COURSE OUTCOMES	JAVA PROGRAMMING
	Able to realize the concept of Object Oriented Programming & Java
CO1	Programming Constructs
	Able to describe the basic concepts of Java such as operators, classes, objects,
CO2	inheritance, packages, Enumeration and various keywords
603	Apply the concept of exception handling and land / Output agentics
CO3	Apply the concept of exception handling and Input/ Output operations
CO4	Able to design the applications of Java & Java applet
	Able to Analyze & Design the concept of Event Handling and Abstract Window
CO5	Toolkit
COURSE OUTCOMES	MANAGERIAL ECONOMICS AND FINANCIAL ACCOUNTANCY
	The Learner is equipped with the knowledge of estimating the Demand and
CO1	demand elasticities for a product
	The knowledge of understanding of the Input-Output-Cost relationships and
CO2	estimation of the least cost combination of inputs
	To understand the nature of markets, Methods of Pricing in the different
	market structures and to know the different forms of Business organization and
CO3	the concept of Business Cycles
	To learn different Accounting Systems, preparation of Financial Statement and
CO4	uses of different tools for performance evaluation
	Finally, it is also to an department the appropriate Control Control Daylors and
COF	Finally, it is also to understand the concept of Capital, Capital Budgeting and
CO5	the techniques used to evaluate Capital Budgeting proposals
COURSE OUTCOMES	UNIFIED MODELING LANGUAGE (UML) LAB
CO1	Know the syntax of different UML diagrams
CO2	Create use case documents that capture requirements for a software system
	Create class diagrams that model both the domain model and design model of
CO3	a software system
	Create interaction diagrams that model the dynamic aspects of a software
CO4	system
CO5	Write code that builds a software system
COURSE OUTCOMES	FOSS LAB
CO1	Demonstrate UNIX commands for file handling and process control
	Construct regular expressions for pattern matching and apply them to various
CO2	filters for a specific task.
	Analyze a given problem and apply requisite facets of shell programming in
CO3	order to devise a shell script to solve the problem
	JAVA PROGRAMMING LAB
COURSE OUTCOMES	

CO1	Evaluate default value of all primitive data type, Operations, Expressions, Control- flow, Strings
CO1	
	Determine Class, Objects, Methods, Inheritance, Exception, Runtime
CO2	Polymorphism, User defined Exception handling mechanism
	Illustrating simple inheritance, multi-level inheritance, Exception handling
CO3	mechanism
CO4	Construct Threads, Event Handling, implement packages, developing applets
COURSE OUTCOMES	ANIMATIONS- INTRODUCTION TO 3D
CO1	To understand different styles and treatment of content in 3d model creation
CO2	To analyze the importance of cognitive 3d designing.
CO3	To apply tools to create effective 3D modelling texturing and lighting
	3 year -1 semester
COURSE OUTCOMES	COMPUTER NETWORKS
	Demonstrate different network models for networking links OSI, TCP/IP, B-
	ISDN, N-BISDN and get knowledge about various communication techniques,
CO1	methods and protocol standards
CO2	Discuss different transmission media and different switching networks
CO3	Analyze data link layer services, functions and protocols like HDLC and PPP
	Compare and Classify medium access control protocols like ALOHA, CSMA,
CO4	CSMA/CD, CSMA/CA, Polling, Token passing, FDMA, TDMA, CDMA protocols
	Determine application layer services and client server protocols working with
CO5	the client server paradigms like WWW, HTTP, FTP, e-mail and SNMP etc
COURSE OUTCOMES	DESIGN AND ANALYSIS OF ALGORITHMS
	Analyze the performance of a given algorithm, denote its time complexity using
CO1	the asymptotic notation for recursive and non-recursive algorithms
	List and describe various algorithmic approaches and Solve problems using
CO2	divide and conquer &greedy Method
	Synthesize efficient algorithms dynamic programming approaches to solve in
CO3	common engineering design situations.
	Organize important algorithmic design paradigms and methods of analysis:
CO4	backtracking, branch and bound algorithmic approaches
	Demonstrate NP- Completeness theory ,lower bound theory and String
CO5	Matching
COURSE OUTCOMES	DATA MINING TECHNIQUES
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	Illustrate the importance of Data Warehousing, Data Mining and its
CO1	functionalities and Design schema for real time data warehousing applications.
CO1	Turnessonances and Design senema for real time data warehousing applications.
	Demonstrate on various Data Preprocessing Techniques viz. data cleaning, data
	integration, data transformation and data reduction and Process raw data to
coa	
CO2	make it suitable for various data mining algorithms.

503	Choose appropriate classification technique to perform classification, model
CO3	building and evaluation
604	Make use of association rule mining techniques viz. Apriori and FP Growth
CO4	algorithms and analyze on frequent itemsets generation.
605	Identify and apply various clustering algorithm (with open source tools),
CO5	interpret, evaluate and report the result.
COURSE OUTCOMES	DevOps (Job Oriented Course)
	Enumerate the principles of continuous development and deployment,
CO1	automation of configuration management, inter-team collaboration, and IT service agility
CO1	Service agility
CO2	Describe DevOps & DevSecOps methodologies and their key concepts
	Illustrate the types of version control systems, continuous integration tools,
CO3	continuous monitoring tools, and cloud models
	Set up complete private infrastructure using version control systems and CI/CD
CO4	tools
CO5	Acquire the knowledge of maturity model, Maturity Assessment
COURSE OUTCOMES	ARTIFICIAL INTELLIGENCE
CO1	Understand the fundamental concepts in Artificial Intelligence
CO2	Analyze the applications of search strategies and problem reductions
CO3	Apply the mathematical logic concepts.
CO4	Develop the Knowledge representations in Artificial Intelligence.
CO5	Explain the Fuzzy logic systems
COURSE OUTCOMES	DATA MINING TECHNIQUES WITH R LAB
CO1	Extend the functionality of R by using add-on packages
	Extract data from files and other sources and perform various data
CO2	manipulation tasks on them.
CO3	Code statistical functions in R
	Use R Graphics and Tables to visualize results of various statistical operations
CO4	on data
COE	Apply the knowledge of R gained to data Analytics for real life applications
COURSE OUTCOMES	COMPUTER NETWORKS LAB
COOKSE OUTCOMES	COMINATER NETWORKS EAD
CO1	Know how reliable data communication is achieved through data link layer.
CO2	Suggest appropriate routing algorithm for the network
CO3	Provide internet connection to the system and its installation
CO4	Work on various network management tools
COURSE OUTCOMES	ANIMATION COURSE: ANIMATION DESIGN
CO1	learn various tools of digital 2-D animation
CO2	understand production pipeline to create 2-D animation
CO3	apply the tools to create 2D animation for films and videos
CO4	understand different styles and treatment of content in 3D model creation
CO5	apply tools to create effective 3D modelling texturing and lighting
COURSE OUTCOMES	EMPLOYABILITY SKILLS-I
CO1	Understand the corporate etiquette.
CO2	Make presentations effectively with appropriate body language
CO3	Be composed with positive attitude

CO4	Understand the core competencies to succeed in professional and personal life
COURSE OUTCOMES	COMPUTER NETWORKS
	Demonstrate different network models for networking links OSI, TCP/IP, B-
	ISDN, N-BISDN and get knowledge about various communication techniques,
CO1	methods and protocol standards.
CO2	Discuss different transmission media and different switching networks.
CO3	Analyze data link layer services, functions and protocols like HDLC and PPP
	Compare and Classify medium access control protocols like ALOHA, CSMA,
CO4	CSMA/CD, CSMA/CA, Polling, Token passing, FDMA, TDMA, CDMA protocols
CO5	Suggest appropriate routing algorithm for the network
	3 year - 2semester
COURSE OUTCOMES	MACHINE LEARNING
COOKSE OUTCOMES	WACHINE ELANGING
CO1	Explain the fundamental usage of the concept Machine Learning system
CO2	Demonstrate on various regression Technique
CO3	Analyze the Ensemble Learning Methods
	Illustrate the Clustering Techniques and Dimensionality Reduction Models in
CO4	Machine Learning.
	Discuss the Neural Network Models and Fundamentals concepts of Deep
CO5	Learning
COURSE OUTCOMES	BIG DATA ANALYTICS
	Illustrate big data challenges in different domains including social media,
CO1	transportation, finance and medicine
CO2	Use various techniques for mining data stream
CO3	Design and develop Hadoop
	Identify the characteristics of datasets and compare the trivial data and big
CO4	data for various applications
CO5	Explore the various search methods and visualization techniques
COURSE OUTCOMES	CRYPTOGRAPHY AND NETWORK SECURITY
	Explain different security threats and countermeasures and foundation course
CO1	of cryptography mathematics.
	Classify the basic principles of symmetric key algorithms and operations of
CO2	some symmetric key algorithms and asymmetric key cryptography
	Revise the basic principles of Public key algorithms and Working operations of
CO3	some Asymmetric key algorithms such as RSA, ECC and some more
	Design applications of hash algorithms, digital signatures and key management
CO4	techniques
	Determine the knowledge of Application layer, Transport layer and Network
	1
CO5	layer security Protocols such as PGP, S/MIME, SSL,TSL, and IPsec
CO5 COURSE OUTCOMES CO1	1

	Apply knowledge in MAC, Network, and Transport Layer protocols of Wireless
CO2	Network
CO3	Comprehend, design, and develop a lightweight network stack
CO4	Analyze the Mobile Network Layer system working
CO5	Explain about the WAP Model
COURSE OUTCOMES	MACHINE LEARNING USING PYTHON LAB
CO1	Implement procedures for the machine learning algorithms
	and the state of t
CO2	Design and Develop Python programs for various Learning algorithms
CO3	Apply appropriate data sets to the Machine Learning algorithms
CO4	Develop Machine Learning algorithms to solve real world problems
COURSE OUTCOMES	CRYPTOGRAPHY AND NETWORK SECURITY LAB
	Apply the knowledge of symmetric cryptography to implement encryption and
CO1	decryption using Ceaser Cipher, Substitution Cipher, Hill Cipher
	Demonstrate the different algorithms like DES, BlowFish, and Rijndael, encrypt
CO2	the text "Hello world" using Blowfish Algorithm
	Analyze and implement public key algorithms like RSA, Diffie-Hellman Key
CO3	Exchange mechanism, the message digest of a text using the SHA-1 algorithm
COURSE OUTCOMES	DATA SCIENCE: NATURAL LANGUAGE PROCESSING (Skill Oriented Course)
CO1	Explore natural language processing (NLP) libraries in Python
	Learn various techniques for implementing NLP including parsing & text
CO2	processing
CO3	Understand how to use NLP for text feature engineering
COURSE OUTCOMES	DATA STRUCTURES AND ALGORITHMS
CO1	Introduce the fundamental concept of data structures and abstract data types
	Emphasize the importance of data structures in developing and implementing
CO2	efficient algorithms
	Describe how arrays, records, linked structures, stacks, queues, trees, and
CO3	graphs are represented in memory and used by algorithms
CO4	Demonstrate the different data structures implementation
COLUDES OUTCOMES	4 year- 1 semester
COURSE OUTCOMES	CLOUD COMPUTING (Professional Elective-III)
CO1	Illustrate the key dimensions of the challenge of Cloud Computing
CO2	Classify the Levels of Virtualization and mechanism of tools
CO3	Analyze Cloud infrastructure including Google Cloud and Amazon Cloud
	Create Combinatorial Auctions for cloud resource and design scheduling
CO4	algorithms for computing cloud
	Assess control storage systems and cloud security, the risks involved its impact
CO5	and develop cloud application
COURSE OUTCOMES	DEEP LEARNING TECHNIQUES (Professional Elective-IV)
	Demonstrate the fundamental concepts learning techniques of Artificial
CO1	Intelligence, Machine Learning and Deep Learning
CO2	Discuss the Neural Network training, various random models.
CO3	Explain the Techniques of Keras, TensorFlow, Theano and CNTK
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CO4	Classify the Concepts of CNN and RNN
CO5	Implement Interactive Applications of Deep Learning
COURSE OUTCOMES	BLOCK-CHAIN TECHNOLOGIES (Professional Elective-V)
CO1	Demonstrate the block chain basics, Crypto currency
	To compare and contrast the use of different private vs. public block chain and
CO2	use cases
	Design an innovative Bit coin Block chain and scripts, Block chain Science on
CO3	varies coins
CO4	Classify Permission Block chain and use cases – Hyper ledger, Corda
	Make Use of Block-chain in E-Governance, Land Registration, Medical
CO5	Information Systems and others
COURSE OUTCOMES	SECURE CODING TECHNIQUES (Skill Oriented Course)
CO1	Implement Network Configuration
	Install Programming APIs and Implement OWASP design principles while
CO2	designing a web application
CO3	Write Python script to implement web request
CO4	Understand the importance of security in all phases of SDLC
	Write secure coding using some of the practices in C/C++/Java and Python
CO5	programming languages
COURSE OUTCOMES	SOFTWARE ENGINEERING
	Ability to transform an Object-Oriented Design into high quality, executable
CO1	code
	Skills to design, implement, and execute test cases at the Unit and Integration
CO2	level
CO3	Compare conventional and agile software methods
	Prepare SRS document, design document, test cases and software
CO4	configuration management and risk management related document.
	Develop function oriented and object oriented software design using tools like
CO5	rational rose.