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S.No	Sem	Course Code	Course Name
1.	I	HS8151	Communicative English
2	I	MA8151	Engineering Mathematics
3	I	PH8151	Engineering Physics
4	I	CY8151	Engineering Chemistry
5	I	GE8151	Problem Solving and Python Programming
6	I	GE8152	Engineering Graphics
7	I	GE 8161	Problem Solving and Python Programming Laboratory
8	I	BS8161	Physics and Chemistry Laboratory (Group A)
9	I	BS8161	Physics and Chemistry Laboratory (Group B)
10	II	HS8251	Technical English
11	II	MA8251	Engineering Mathematics -II
12	II	PH8252	Physics for Information Science
13	II	BE8255	Basic Electrical, Electronics and Measurement Engineering
14	II	IT8201	Information Technology Essentials
15	II	CS8261	C Programming Laboratory
16	II	GE8261	Engineering Practices Laboratory (Group A)
17	II	GE8261	Engineering Practices Laboratory (Group B)
18	II	IT8211	Information Technology Essentials Laboratory
19	III	MA8351	Discrete Mathematics
20	III	CS8351	Digital Principles and System Design
21	III	CS8381	Data Structures Laboratory
22	III	CS8383	Object Oriented Programming Laboratory
23	III	CS8391	Data Structures
24	III	CS8392	Object Oriented Programming
25	III	EC8394	Analog and Digital Communication
26	III	CS8382	Digital System Lab

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27	III	HS8381	Interpersonal Skills - Listening & Speaking
28	IV	CS8492	Database Management System
29	IV	CS8451	Design and Analysis of Algorithms
30	IV	CS8461	Operating Systems Laboratory
31	IV	CS8491	Computer Architecture
32	IV	CS8493	Operating Systems
33	IV	CS8481	Database Management System Laboratory
34	IV	GE8291	Environmental Science and Engineering
35	IV	HS8481	Advanced Reading &Writing
36	IV	MA8391	Probability And Statistics
37	V	OCE551	Air Pollution And Control Engineering
38	V	CS8494	Software Engineering
39	V	CS8581	Networks Laboratory
40	V	CS8591	Computer Networks
41	V	IT8501	Web Technology
42	V	EC8691	Microprocessors and Microcontrollers
43	V	MA8551	Algebra And Number Theory
44	V	EC8681	Microprocessors And Microcontrollers Laboratory
45	V	IT8511	Web Technology Laboratory
46	VI	IT8601	Computational Intelligence
47	VI	CS8592	Object Oriented Analysis and Design
48	VI	IT8602	Mobile Communication
49	VI	IT8611	Miniproject
50	VI	CS8092	Computer Graphics and Multimedia
51	VI	IT8076	Software Testing
52	VI	CS8662	Mobile Application Development Laboratory
53	VI	CS8581	Object Oriented Analysis and Design Laboratory
54	VI	HS8581	Professional Communication
55	VI	CS8091	Big Data Analytics

56	VII	CS8791	Cloud Computing
57	VII	CS8792	Cryptography And Network Security
58	VII	CS8088	Wireless Adhoc And Sensor Networks
59	VII	IT8075	Software Project Management
60	VII	IT8761	Security Laboratory
61	VII	IT8711	Foss and Cloud Computing Laboratory
62	VII	MG8591	Principles Of Management
63	VII	OBM752	Hospital Management
64	VIII	CS8078	Green Computing
65	VIII	GE8076	Professional Ethics In Engineering
66	VIII	CS8811	Project Work

PROGRAM OUTCOMES (POs)

List of Program Outcomes

PO1	Apply the knowledge of mathematics, science, engineering fundamentals and engineering specialization to the solution for complex engineering problems.
PO2	Identify, formulate, review research literature and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.
PO3	Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety and the cultural, societal and environmental considerations.
PO4	Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data and synthesis of the information to provide valid conclusions.
PO5	Create, select and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of their limitations.
PO6	Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
PO7	Understand the impact of professional engineering solutions in societal and environmental contexts and to demonstrate the knowledge and need for

	sustainable development.
PO8	Apply ethical principles and commit to professional ethics, responsibilities and norms of the engineering practice.
PO9	Function effectively as an individual and as a member or leader in diverse teams and in multidisciplinary settings.
PO10	Communicate effectively on complex engineering activities with the engineering community and with society at large such as being able to comprehend and write effective reports and design documentation and to make effective presentations and to give and receive clear instructions.
PO11	Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work as a member and leader in a team to manage projects in multidisciplinary environments.
PO12	Recognize the need for preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Program Specific Outcomes (PSOs)

List of Program Specific Outcomes

PSO1	The ability to apply mathematical methodologies to solve computation task, model real world problem using appropriate data structure and suitable algorithm
PSO2	The ability to analyse, design, model, develop, test and manage complex software and information management systems, be able to analyse the impact of IT solutions in the societal and human context.
PSO3	Be prepared to work professionally in software industries, able to achieve the higher studies and develop the modern tools and communicate the techniques, skills.

III SEMESTER

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Course Code & Course Name: MA8351 & Discrete Mathematics
COURSE OUTCOMES (COs)

List of Course Outcomes

CO1	Have knowledge of the concepts needed to test the logic of a program.
CO2	Have an understanding in identifying structures on many levels.
CO3	Be aware of a class of functions which transform a finite set into another finite set which relates to input and output functions in computer science.
CO4	Be aware of the counting principles.
CO5	Be exposed to concepts and properties of algebraic structures such as groups, rings and fields.

Course Code & Course Name :**CS8351 -Digital Principles and System Design**
COURSE OUTCOMES (COs)
List of Course Outcomes

CO1	Simplify Boolean functions using KMap
CO2	Design and Analyze Combinational and Sequential Circuits
CO3	Implement designs using Programmable Logic Devices
CO4	Write HDL code for combinational
CO5	Write HDL code for Sequential Circuits

Course Code & Course Name: CS8381 Data Structures Laboratory
COURSE OUTCOMES (COs)
List of Course Outcomes

CO1	Write functions to implement linear data structure operations
CO2	Write functions to implement non-linear data structure operations
CO3	Suggest appropriate linear / non-linear data structure operations for solving a given problem
CO4	Appropriately use the linear / non-linear data structure operations for a given problem
CO5	Apply appropriate hash functions that result in a collision free scenario for data storage and retrieval

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Course Code & Course Name : CS8383 Object Oriented Programming Laboratory

COURSE OUTCOMES (COs)

List of Course Outcomes

CO1	Develop and implement Java programs for simple applications that make use of classes and packages.
CO2	Develop and implement Java programs for simple applications that make use of inheritance and interface.
CO3	Develop and implement Java programs with array list and multithreading.
CO4	Develop and implement Java programs for simple applications that make use of exception handling and file processing.
CO5	Design applications using generic programming and event handling.

Course Code & Course Name: CS8391 Data Structures

COURSE OUTCOMES (COs)

List of Course Outcomes

CO1	Implement abstract data types for linear data structures.
CO2	Apply linear data structures to problem solutions.
CO3	Apply Non Linear data structures(Trees) to problem solutions
CO4	Apply Linear data structures (Graphs) to problem solutions
CO5	Critically analyze the various sorting algorithms.

Course Code & Course Name : CS8392 Object Oriented Programming

COURSE OUTCOMES (COs)

List of Course Outcomes

CO1	Develop Java programs using OOP principles.
CO2	Develop Java programs with the concepts inheritance and interfaces.
CO3	Build Java applications using exceptions and I/O streams
CO4	Develop Java applications with threads and generics classes
CO5	Develop interactive Java programs using swings.

Course Code & Course Name: EC8394 – Analog and Digital Communication

COURSE OUTCOMES (COs)

List of Course Outcomes

CO1	Understand analog and digital communication techniques.
CO2	Learn data and pulse communication techniques
CO3	Understand digital communication techniques
CO4	Be familiarized with source and Error control coding
CO5	Gain knowledge on multi-user radio communication

Course Code & Course Name CS8382 Digital System Lab

COURSE OUTCOMES (COs)

List of Course Outcomes

CO1	Implement simplified combinational circuits using basic logic gates
CO2	Implement combinational circuits using MSI devices
CO3	Implement sequential circuits like registers and counters
CO4	Simulate combinational and sequential circuits using HDL
CO5	Implement digital System

Course Code & Course Name: HS8381 - Interpersonal Skills - Listening & Speaking

COURSE OUTCOMES (COs)

List of Course Outcomes

CO1	Listen and respond appropriately
CO2	Participate in group discussions.
CO3	Make effective presentations.
CO4	Participate confidently and appropriately in conversations both formal and informal.

IV SEMESTER

Course Code & Course Name : CS8492 Database Management System
COURSE OUTCOMES (COs)
List of Course Outcomes

CO1	Classify the modern and futuristic database applications based on size and complexity
CO2	Map ER model to Relational model to perform database design effectively
CO3	Write queries using normalization criteria and optimize queries
CO4	Compare and contrast various indexing strategies in different database systems
CO5	Appraise how advanced databases differ from traditional databases.

Course Code & Course Name :CS8451 & Design and Analysis of Algorithms
COURSE OUTCOMES (COs)

List of Course Outcomes

CO1	Interpret the fundamental needs of algorithms in problem solving
CO2	Classify the different algorithm design techniques for problem solving
CO3	Develop algorithms for various computing problems.
CO4	Develop the improvement method to find the feasible solution
CO5	Identify the limitations of algorithms in problem solving

Course Code & Course Name: CS8461 Operating Systems Laboratory
COURSE OUTCOMES (COs)

List of Course Outcomes

CO1	Compare the performance of various CPU Scheduling Algorithms
CO2	Implement Deadlock avoidance and Detection Algorithms
CO3	Implement Semaphores and Create processes and implement IPC
CO4	Analyze the performance of the various Page Replacement Algorithms
CO5	Implement File Organization and File Allocation Strategies

Course Code & Course Name : CS8491 Computer Architecture

List of Course Outcomes

CO1	Understand the basics structure of computers, operations and instructions.
CO2	Design arithmetic and logic unit.
CO3	Understand pipelined execution and design control unit.
CO4	Understand parallel processing architectures.
CO5	Understand the various memory systems and I/O communication.

Course Code & Course Name : CS8493 Operating Systems

COURSE OUTCOMES (COs)

List of Course Outcomes

CO1	Understand the basic concepts and functions of operating systems.
CO2	Analyze various scheduling algorithms and understand deadlock,prevention and avoidance algorithms.
CO3	Compare and contrast various memory management schemes.
CO4	Understand the functionality of file systems.
CO5	Perform administrative tasks on Linux Servers, compareiOS and Android Operating Systems

Course Code & Course Name : CS8481 & DATABASE MANAGEMENT SYSTEM LABORATORY

COURSE OUTCOMES (COs)

List of Course Outcomes

CO1	CO407.1 Use typical data definitions and manipulation commands.
CO2	CO407.2 Design applications to test Nested and Join Queries
CO3	CO407.3 Implement simple applications that use Views
CO4	CO407.4 Implement applications that require a Front0end Tool
CO5	CO407.5 Critically analyze the use of Tables, Views, Functions and Procedures

Course Code & Course Name: GE8291 Environmental Science and Engineering
COURSE OUTCOMES (COs)

List of Course Outcomes

CO1	Environmental Pollution or problems cannot be solved by mere laws. Public participation is an important aspect which serves the environmental Protection. One will obtain knowledge on the following after completing the course.
CO2	Public awareness of environmental is at infant stage.
CO3	Ignorance and incomplete knowledge has lead to misconceptions .
CO4	Development and improvement in std. of living has lead to serious environmental disasters

Course Code & Course Name: **HS8481 Advanced Reading &Writing**

COURSE OUTCOMES (COs)

List of Course Outcomes

CO1	Write different types of essays
CO2	Write job applications
CO3	Read and evaluate texts critically
CO4	Display critical thinking in various professional contexts

Course Code & Course Name: MA8391& Probability and Statistics
COURSE OUTCOMES (COs)
List of Course Outcomes

CO1	Understand the fundamental knowledge of the concepts of probability and have knowledge of standard distributions which can describe real life phenomenon.
CO2	Understand the basic concepts of one and two dimensional random variables and apply in engineering applications
CO3	Apply the concept of testing of hypothesis for small and large samples in real life problems.
CO4	Apply the basic concepts of classifications of design of experiments in the field of agriculture and statistical quality control.
CO5	Have the notion of sampling distributions and statistical techniques used in engineering and management problems.

V SEMESTER

Course Code & Course Name: OCE 551-**Air Pollution and Control Engineering**
COURSE OUTCOMES (COs)
List of Course Outcomes

CO1	To understand the nature and characteristics of air pollutants and their effects
CO2	To interpret meteorological data for atmospheric stability and air Pollutant transport and dispersion.
CO3	To control equipments and prevention of air pollution to meet desired needs.
CO4	To select control equipments for gaseous contaminants.
CO5	To ensure quality of air, control and preventive measures.

Course Code & Course Name : CS8494 Software Engineering
COURSE OUTCOMES (COs)

List of Course Outcomes

CO1	Design a software system, component, or process to meet desired needs within realistic constraints.
CO2	Assess professional and ethical responsibility.
CO3	Function on multi-disciplinary teams.
CO4	Use the techniques, skills, and modern engineering tools necessary for engineering practice.
CO5	Analyze, design, implement, verify, validate, implement, apply, and maintain software systems or parts of software systems.

Course Code & Course Name : CS8581& Networks Laboratory
COURSE OUTCOMES (COs)

List of Course Outcomes

CO1	Implement various protocols using TCP and UDP.

CO2	Compare the performance of different transport layer protocols.
CO3	Use simulation tools to analyze the performance of various network protocols.
CO4	Analyze various routing algorithms.
CO5	Implement error correction codes

Course Code & Course Name :CS8591& Computer Networks
COURSE OUTCOMES (COs)

List of Course Outcomes

CO1	Understand the basic layers and its functions in computer networks and evaluate the performance of a network.
CO2	Understand the basics of how data flows from one node to another.
CO3	Analyze and design routing algorithms.
CO4	Design protocols for various functions in the network.
CO5	Understand the working of various application layer protocols.

Course Code & Course Name: IT8501 WEB TECHNOLOGY
COURSE OUTCOMES (COs)

List of Course Outcomes

CO1	Design simple web pages using markup languages like HTML and XHTML.
CO2	Create dynamic web pages using DHTML and java script that is easy to navigate and use.
CO3	Program server side web pages that have to process request from client side web pages.
CO4	Represent web data using XML and develop web pages using JSP.
CO5	Understand various web services and how these web services interact.

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Course Code & Course Name : EC8691 & MICROPROCESSORS ANDMICROCONTROLLERS

COURSE OUTCOMES (COs)

List of Course Outcomes

CO1	Write ALP Programmes for fixed and Floating Point and Arithmetic operation
CO2	Interface different I/Os with processor
CO3	Generate waveforms using Microprocessors
CO4	Execute Programs in 8051
CO5	Explain the difference between simulator and Emulator

Course Code & Course Name: MA8551 &ALGEBRA AND NUMBER THEORY

COURSE OUTCOMES (COs)

List of Course Outcomes

CO1	Apply the basic notions of groups, rings, fields which will then be used to solve related problems.
CO2	Explain the fundamental concepts of advanced algebra and their role in modern mathematics and applied contexts.
CO3	Demonstrate accurate and efficient use of advanced algebraic techniques.
CO4	Demonstrate their mastery by solving non - trivial problems related to the concepts, and by proving simple theorems about the, statements proven by the text.
CO5	Apply integrated approach to number theory and abstract algebra, and provide a firm basis for further reading and study in the subject.

Course Code & Course Name : EC8681 & MICROPROCESSORS ANDMICROCONTROLLERS Laboratory

COURSE OUTCOMES (COs)

List of Course Outcomes

CO1	Write ALP Programmes for fixed and Floating Point and Arithmetic operation
CO2	Interface different I/Os with processor

CO3	Generate waveforms using Microprocessors
CO4	Execute Programs in 8051
CO5	Explain the difference between simulator and Emulator

Course Code & Course Name : IT8511&Web Technology Laboratory
COURSE OUTCOMES (COs)
List of Course Outcomes

CO1	Design simple web pages using markup languages like HTML and XHTML
CO2	Create dynamic web pages using DHTML and java script that is easy to navigate and use
CO3	Program server side web pages that have to process request from client side web pages.
CO4	Represent web data using XML and develop web pages using JSP.
CO5	Understand various web services and how these web services interact.

VI SEMESTER

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Course code & Course Name: IT8601& Computational Intelligence
COURSE OUTCOMES (COs)

List of Course Outcomes

CO1	Provide a basic exposition to the goals and methods of Computational Intelligence.
CO2	Study of the design of intelligent computational techniques.
CO3	Apply the Intelligent techniques for problem solving
CO4	Improve problem solving skills using the acquired knowledge in the areas of, reasoning,
CO5	Improve natural language understanding, computer vision, automatic programming and machine learning

Course Code & Course Name :CS8592&Object Oriented Analysis and Design
COURSE OUTCOMES (COs)

List of Course Outcomes

CO1	Express software design with UML diagrams
CO2	Design software applications using OO concepts
CO3	Identify various scenarios based on software requirements
CO4	Transform UML based software design into pattern based design using design patterns
CO5	Understand the various testing methodologies for OO software

Course Code & Course Name: IT8602 Mobile Communication
COURSE OUTCOMES (COs)

List of Course Outcomes

CO1	Explain the basics of mobile telecommunication system
CO2	Illustrate the generations of telecommunication systems in wireless network
CO3	Understand the architecture of Wireless LAN technologies
CO4	Determine the functionality of network layer and Identify a routing protocol for a given Ad hoc networks

CO5	Explain the functionality of Transport and Application layer

Course Code & Course Name :IT8611&Miniproject
COURSE OUTCOMES (COs

List of Course Outcomes

CO1	Discover potential research areas in the field of IT
CO2	Conduct a survey of several available literature in the preferred field of study
CO3	Compare and contrast the several existing solutions for research challenge
CO4	Demonstrate an ability to work in teams and manage the conduct of the research study
CO5	Formulate and propose a plan for creating a solution for the research plan identified

Course Code & Course Name :CS8092&Computer Graphics and Multimedia
COURSE OUTCOMES (COs

List of Course Outcomes

CO1	Design two dimensional graphics.
CO2	Design three dimensional graphics.
CO3	Apply Illumination and color models.
CO4	Apply clipping techniques to graphics
CO5	Understood Different types of Multimedia File Format

Course Code & Course Name : IT8076 Software Testing
COURSE OUTCOMES (COs)

List of Course Outcomes

CO1	Design test cases suitable for a software development for different domains and identify suitable tests to be carried out.
CO2	Prepare test planning based on the document.
CO3	Document test plans and test cases designed.

CO4	Use automatic testing tools.
CO5	Develop and validate a test plan.

Course Code & Course Name : CS8662 Mobile Application Development Laboratory
COURSE OUTCOMES (COs)

List of Course Outcomes

CO1	Develop mobile applications using GUI and Layouts.
CO2	Develop mobile applications using Event Listener.
CO3	Develop mobile applications using Databases.
CO4	Develop mobile applications using RSS Feed, Internal/External Storage, SMS, Multithreading and GPS.
CO5	Analyze and discover own mobile app for simple needs.

Course Code & Course Name :CS8592&Object Oriented Analysis and Design Laboratory
COURSE OUTCOMES (COs)
List of Course Outcomes

CO1	Express software design with UML diagrams
CO2	Design software applications using OO concepts
CO3	Identify various scenarios based on software requirements
CO4	Transform UML based software design into pattern based design using design patterns
CO5	Understand the various testing methodologies for OO software

Course Code & Course Name: HS8581 **Professional Communication**
COURSE OUTCOMES (COs)
List of Course Outcomes

CO1	Enhance the Employability and Career Skills of students
CO2	Orient the students towards grooming as a professional

CO3	Make them Employability Graduates
CO4	Develop their confidence and help them attend interviews successfully.

Course Code & Course Name: CS8091 Big Data Analytics

COURSE OUTCOMES (COs)

List of Course Outcomes

CO1	Work with big data tools and its analysis techniques
CO2	Analyze data by utilizing clustering and classification algorithms
CO3	Learn and apply different mining algorithms and recommendation systems for large volumes of data
CO4	Perform analytics on data streams
CO5	Learn NoSQL databases and management

VII SEMESTER

Course Code & Course Name :**CS8791 CLOUD COMPUTING**
COURSE OUTCOMES (COs)

List of Course Outcomes

CO1	Configure various virtualization tools such as Virtual Box, VMware workstation
CO2	Design and deploy a web application in a PaaS environment.
CO3	Learn how to simulate a cloud environment to implement new schedulers.
CO4	Install and use a generic cloud environment that can be used as a private cloud.
CO5	Manipulate large data sets in a parallel environment

Course Code & Course Name : CS8792 CRYPTOGRAPHY AND NETWORK SECURITY
COURSE OUTCOMES (COs)
List of Course Outcomes

CO1	Understand the fundamentals of networks security, security architecture, threats and vulnerabilities..
CO2	Apply the different cryptographic operations of symmetric cryptographic algorithms.
CO3	Apply the different cryptographic operations of public key cryptography.
CO4	Apply the various Authentication schemes to simulate different applications.
CO5	Understand various Security practices and System security standards

Course Code & Course Name :CS8088 WIRELESS ADHOC AND SENSOR NETWORKS
COURSE OUTCOMES (COs)
List of Course Outcomes

CO1	Identify different issues in wireless ad hoc and to analyze protocols developed for ad hoc networks.
CO2	To analyze the Transport Layer protocols and their QoS for ad hoc networks.
CO3	Identify different issues in wireless sensor and to analyze protocols developed for wireless sensor.

CO4	To analyze the Transport Layer protocols and their QoS for wireless sensor networks.
CO5	To identify and understand security issues in ad hoc and sensor networks.

Course Code & Course Name :IT8075 SOFTWARE PROJECT MANAGEMENT
COURSE OUTCOMES (COs)
List of Course Outcomes

CO1	Understand Project Management principles while developing software and gain extensive knowledge about the basic project management concepts, framework and the process models
CO2	Obtain adequate knowledge about software process models and software effort estimation techniques.
CO3	Estimate the risks involved in various project activities.
CO4	Define the checkpoints, project reporting structure, project progress and tracking mechanisms using project management principles.
CO5	Learn staff selection process and the issues related to people management

Course Code & Course Name :**IT8711   FOSS AND CLOUD COMPUTING LAB**
COURSE OUTCOMES (COs)

List of Course Outcomes

CO1	Configure various virtualization tools such as Virtual Box, VMware workstation
CO2	Design and deploy a web application in a PaaS environment.
CO3	Learn how to simulate a cloud environment to implement new schedulers.
CO4	Install and use a generic cloud environment that can be used as a private cloud.
CO5	Manipulate large data sets in a parallel environment

Course Code & Course Name : **IT8761** SECURITY LABORATORY
COURSE OUTCOMES (COs)

List of Course Outcomes

CO1	Develop code for classical Encryption Techniques to solve the problems.
CO2	Build cryptosystems by applying symmetric and public key encryption algorithms.
CO3	Construct code for authentication algorithms.
CO4	Develop a signature scheme using Digital signature standard.
CO5	Demonstrate the network security system using open source tools

Course Code & Course Name :MG8591 & Principles of Management
COURSE OUTCOMES (COs

List of Course Outcomes

CO1	Describe the basic of management and its types, skills, management roles, types of business organization and current trends in business.
CO2	Explain the nature and purpose of planning, types, objectives of planning and decision process.
CO3	Compare the different organization structures, authorities and responsibilities, human resource management and training and development.
CO4	Estimate the individual and group behavior, motivation, job satisfaction types and theories of leadership, communication and IT
CO5	Apply the knowledge using the various system and process of controlling, budgetary and non-budgetary control techniques, use of computer and IT in management control, reporting.

Course Code & Course Name: OBM752 – Hospital Management
COURSE OUTCOMES (COs)

List of Course Outcomes

CO1	Explain the principles of Hospital administration.

CO2	Identify the importance of Human resource management.
CO3	List various marketing research techniques.
CO4	Identify Information management systems and its uses.
CO5	Understand safety procedures followed in hospitals.

VIII SEMESTER

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Course Code & Course Name : CS8078 GREEN COMPUTING
COURSE OUTCOMES (COs)

List of Course Outcomes

CO1	Acquire knowledge to adopt green computing practices to minimize negative impacts on the environment.
CO2	Enhance the skill in energy saving practices in their use of hardware.
CO3	Evaluate technology tools that can reduce paper waste by the stakeholders.
CO4	Evaluate technology tools that can reduce carbon footprint by the stakeholders.
CO5	Understand the ways to minimize equipment disposal requirements

Course Code & Course Name :GE8076 & Professional Ethics in Engineering
COURSE OUTCOMES (COs)

List of Course Outcomes

CO1	To understand the core values that shapes the ethical behavior of an engineer and exposed awareness on professional ethics and human values
CO2	To understand the basic perception of profession, professional ethics, various moral issues & uses of ethical theories.
CO3	The students will understand various social issues, industrial standards, code of ethics and role of professional ethics in engineering field.
CO4	The students will be aware of responsibilities of an engineer for safety and risk benefit analysis, professional rights and responsibilities of an engineer.
CO5	The students will acquire knowledge about various roles of engineers in variety of global issues and able to apply ethical principles to resolve situations that arise in their professional lives.

Course Code & Course Name :IT8811 Project Work
COURSE OUTCOMES (COs)
List of Course Outcomes

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CO1	Demonstrate a sound technical knowledge of their selected project topic .
CO2	Undertake problem identification, formulation and solution .
CO3	Design engineering solutions to complex problems utilizing a systems approach
CO4	Conduct an Engineering Project and Communicate with engineers and the community at large in written an oral forms.
CO5	Demonstrate the knowledge, skills and attitudes of a professional engineer.