

Course Outcomes



S.No	Sem	Course Code	Course Name
1.	Ι	HS8151	Communicative English
2	Ι	MA8151	Engineering Mathematics
3	Ι	PH8151	Engineering Physics
4	I	CY8151	Engineering Chemistry
5	Ι	GE8151	Problem Solving and Python Programming
6	Ι	GE8152	Engineering Graphics
7	Ι	GE 8161	Problem Solving and Python Programming Laboratory
8	Ι	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	PH8253	Physics for Electronics Engineering.
13	II	BE8254	Basic Electrical and Instrumentation Engineering
14	II	EC8251	Circuit Analysis
15	II	EC8252	Electronic Devices
16	II	GE8261	Engineering Practices Laboratory (Group A)
17	II	GE8261	Engineering Practices Laboratory (Group B)
18	II	EC8261	Circuits And Devices Laboratory
19	III	MA8352	Linear Algebra and Partial Differential Equations
20	III	EC8351	Electronic Circuits I
21	III	EC8352	Signals and Systems
22	III	EC 8392	Digital Electronics
23	III	EC8393	Fundamentals of Data structures in C
24	III	EC8391	Control System Engineering
25	III	EC8353	Fundamentals of Datastructures in C Lab
26	III	EC8351	Analog and Digital Circuits Laboratory



27	III	HS8381	Interpersonal Skills Listening & Speaking
28	IV	MA8451	Probability and Random Processes
29	IV	EC8452	Electronic Circuits II
30	IV	EC8491	Communication Theory
31	IV	EC8451	Electromagnetic Fields
32	IV	EC8453	Linear integrated Circuits
33	IV	GE8291	Environmental Science and Engineering
34	IV	EC8461	Circuits and Design Laboratory
35	IV	EC8462	Linear Integrated Circuits Laboratory
36	V	EC 8501	Digital Communication
37	V	EC8553	Discrete Time Signal Processing
38	V	EC 8552	Computer Architecture and Organization
39	V	EC8551	Communication Networks
40	V	EC8073	Medical Electronics
41	VI	OMD551	Basics of Biomedical Instrumentation
42	V	EC8563	Communication Networks Laboratory
43	V	EC8562	Digital Signal Processing Laboratory
44	V	EC8561	Communication Systems Laboratory
45	VI	EC8691	Microprocessor & Microcontroller
46	VI	EC8095	VLSI Design
47	VI	EC8652	Wireless Communication
48	VI	MG 8591	Principles of Management
49	VI	EC8651	Transmission Lines and RF Systems
50	VI	EC8004	Wireless Networks
51	VI	EC8681	Microprocessors and MicrocontrollersLab
52	VI	EC8661	VLSI Design Laboratory
53	VI	HS8581	Professional Communication
54	VII	EC8701	Antennas and Microwave Engineering



55	VII	EC8702	Adhoc & Wireless Sensor Networks
56	VII	EC8791	Embedded And Real Time Systems
57	VII	EC8751	Optical Communication
58	VII	GE8071	Disaster management
59	VII	OCH752	Energy Technology
60	VII	EC8711	Embedded Laboratory
61	VII	EC8761	Advanced Communication Lab
62	VIII	GE8076	Professional Ethics in Engineering
63	VIII	EC8094	Satellite Communication



PROGRAM OUTCOMES (POs)

List of Program Outcomes

PO1	Engineering knowledge : Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
PO2	Problem analysis : 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/development of solutions : 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	Conduct investigations of complex problems : 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	Modern tool usage : 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 the limitations.
PO6	The engineer and society : 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	Environment and sustainability : Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
PO8	Ethics : Apply ethical principles and commit to professional ethics and Responsibilities and norms of the engineering practice.
PO9	Individual and team work : Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
PO10	Communication : 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, make effective presentations, and give and receive clear instructions.
PO11	Project management and finance : 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 and in multidisciplinary environments.
PO12	Life-long learning: Recognize the need for, and have the 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	To analyze, design and develop solutions by applying foundational concepts of electronics and communication engineering.
PSO2	To apply design principles and best practices for developing quality products for scientific and business applications.
PSO3	To adapt to emerging information and communication technologies (ICT) to innovate ideas and solutions to existing/novel problems



III SEMESTER



Course Code & Course Name :MA8352 Linear Algebra and Partial Differential Equations <u>COURSE OUTCOMES (COs)</u> List of Course Outcomes

CO1	Explain the fundamental concepts of advanced algebra and their role in modern mathematics and applied contexts.	
CO2	Demonstrate accurate and efficient use of advanced algebraic techniques.	
CO3	Demonstrate their mastery by solving non - trivial problems related to the concepts and by proving simple theorems about the statements proven by the text.	
CO4	Able to solve various types of partial differential equations.	
CO5	Able to solve engineering problems using Fourier series.	

Course Code & Course Name: EC8351 Electronic Circuits I

COURSE OUTCOMES (COs)

List of Course Outcomes

CO1	Working principles, characteristics and applications of BJT and FET
CO2	Frequency response characteristics of BJT and FET amplifiers
CO3	Analyze the performance of small signal BJT and FET amplifiers
CO4	Analyze the performance of single stage and multistage amplifiers
CO5	Apply the knowledge gained in the design of Electronic circuits

Course Code & Course Name : EC8352 Signals and Systems

<u>COURSE OUTCOMES (COs)</u> List of Course Outcomes

CO1	To be able to determine if a given system is linear/causal/stable
CO2	Capable of characterizing LTI systems in the time domain and frequency domain
CO3	Capable to analyze sampling and Z transform
CO4	To be able to compute the output of an LTI system in the time and frequency domains
CO5	Capable of determining the frequency components present in a deterministic signal



Course Code & Course Name : EC 8392 Digital Electronics

COURSE OUTCOMES (COs) List of Course Outcomes

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CO1	Use digital electronics in the present contemporary world
CO2	Design various combinational digital circuits using logic gates
CO3	Do the analysis and design procedures for synchronous and asynchronous sequential circuits
CO4	Use the semiconductor memories and related technology
CO5	Use electronic circuits involved in the design of logic gates

Course Code & Course Name : EC8393 Fundamentals of Data structures in C

COURSE OUTCOMES (COs)

List of Course Outcomes			
CO1	Develop Programs using functions and Pointers.		
CO2	Implement linear and non-linear data structure operations using C		
CO3	Suggest appropriate linear / non-linear data structure for any given data set		
CO4	Apply hashing concepts for a given problem.		
CO5	Appropriately choose the sorting algorithm for an application		

Course Code & Course Name : EC8391 Control System Engineering

<u>COURSE OUTCOMES (COs)</u> List of Course Outcomes

CO1	Identify the various control system components and their representations.
CO2	Analyze the various time domain parameters.
CO3	Analysis the various frequency response plots and its system
CO4	Apply the concepts of various system stability criterions.



CO5 Design various transfer functions of digital control system using state variable models.

Course Code & Course Name : EC8353 Fundamentals of Datastructures in C Lab

COURSE OUTCOMES (COs)

List of Course Outcomes		
CO1	Write basic and advanced programs in C	
CO2	Implement functions and recursive functions in C	
CO3	Implement linear data structures using C	
CO4	Implement non linear data structures using C	
CO5	Implement sorting and searching algorithm in C	

Course Code & Course Name: EC8351 Analog and Digital Circuits Laboratory COURSE OUTCOMES (COS)

List of Course Outcomes

CO1	Design and Test rectifiers, filters and regulated power supplies
CO2	Design and Test BJT/JFET amplifiers, Measure CMRR in differential amplifier
CO3	Differentiate cascade and cascade amplifiers, Analyze the limitation in bandwidth of single stage and multi stage amplifier
CO4	Simulate and analyze amplifier circuits using PSpice.
CO5	Design and Test the digital logic circuits

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

COURSE OUTCOMES (COs)



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 :MA8451 Probability and Random Processes

COURSE OUTCOMES (COs)

List of	Course	Outcomes	
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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 random processes in engineering disciplines.
CO4	Understand and apply the concept of correlation and spectral densities.
CO5	The students will have an exposure of various distribution functions and help in acquiring skills in handling situations involving more than one variable. Able to analyze the response of random inputs to linear time invariant systems.

Course Code & Course Name:

<u>COURSE OUTCOMES (COs)</u> List of Course Outcomes

CO1	Analyzedifferenttypesofamplifier,oscillatorandmultivibratorcircuits
CO2	Design BJT amplifier and oscillator circuits
CO3	Analyze transistorized amplifier and oscillator circuits
CO4	Design and analyze feedback amplifiers
CO5	DesignLCandRCoscillators,tunedamplifiers,waveshapingcircuits,multivibrators,poweramplifie randDCconvertors



Course Code & Course Name: EC8491 Communication Theory <u>COURSE OUTCOMES (COs)</u> List of Course Outcomes

	List of Course Outcomes	
CO1	Design AM communication systems	
CO2	Summarize the concepts of Angle modulation systems	
CO3	Apply the concepts of Random Process to the design of Communication systems	
CO4	Analyze the noise performance of AM and FM systems	
CO5	Gain knowledge in sampling and quantization	

Course Code & Course Name: EC8451 Electromagnetic Fields

COURSE OUTCOMES (COs)

List of Course Outcomes

CO1	CO1: Display an understanding of fundamental electromagnetic laws and concepts
CO2	Write Maxwell's equations in integral, differential and phasor forms and explain their physical meaning
CO3	Explain electromagnetic wave propagation in lossy and in lossless media
CO 4	Solve simple problems requiring estimation of electric and magnetic field quantities based on these concepts and laws
CO5	Apply vector calculus to understand the behaviour of static electric and magnetic fields in standard configurations

Course Code & Course Name: EC8453 Linear integrated Circuits

COURSE OUTCOMES (COs)

CO1	Design basic building blocks of linear integrated circuits
CO2	Design linear and non linear applications of OP – AMPS
CO3	Design applications using analog multiplier and PLL
CO4	Design ADC and DAC using OP – AMPS



CO5	Generate waveforms using OP – AMP Circuits and analyse special function ICs

Course Code & Course Name :GE8291 Environmental Science and Engineering <u>COURSE OUTCOMES (COs)</u> List of Course Outcomes

List	1 Course Outcomes
CO1	Environmental pollution cannot be solved by laws
CO2	Public participation is important in environmental protection
CO3	Public awareness of environment at infant stage.
CO4	Ignorance and incomplete knowledge has lead to misconceptions.
CO5	Development and improvement in standard of living has lead to serious environmental disasters

Course Code & Course Name: EC8461 Circuits and Design Laboratory

COURSE OUTCOMES (COs)

List of Course Outcomes

CO1	Analyzevarioustypesoffeedback amplifiers
CO2	Designoscillators andtunedamplifiers
CO3	Designwave-shapingcircuitsandmultivibrators
CO4	Design and simulate feedback amplifiers, oscillators using SPICE Tool
CO5	Design and simulate tuned amplifiers, wave-shapingcircuits and multivibrators and simulate to an amplifiers and the second secon

Course Code & Course Name:EC8462 Linear Integrated Circuits Laboratory <u>COURSE OUTCOMES (COs)</u> List of Course Outcomes

CO1	Design amplifiers, oscillators, D-A converters using operational amplifiers.
CO2	CO2: Design filters using op-amp and performs an experiment on frequency response



CO3	Analyze the working of PLL and describe its application as a frequency multiplier
CO4	Design DC power supply using ICs
CO5	Analyze the performance of filters, multivibrators, A/D converter and analog multiplier using SPICE



V SEMESTER



Course Code & Course Name: EC 8501 Digital Communication

COURSE OUTCOMES (COs)

List of Course Outcomes

CO1	Design PCM systems
CO2	Design and implement base band transmission schemes
CO3	Design and implement band pass signalling schemes
CO4	Analyse the spectral characteristics of band pass signaling schemes and their noise performance
CO5	Design error control coding schemes

Course Code & Course Name:EC8553 Discrete Time Signal Processing

COURSE OUTCOMES (COs)

List of Course Outcomes

CO1	Apply DFT for the analysis of digital signals and systems
CO2	Design IIR and FIR filters
CO3	Characterize the effects of finite precision representation on digital filters
CO4	Design multirate filters
CO5	Apply adaptive filters appropriately in communication systems

Course Code & Course Name: EC 8552 Computer Architecture and Organization

COURSE OUTCOMES (COs)

List of Course Outcomes

CO1 Describe data representation, instruction formats and the operation of a digital computer



CO2	Illustrate the fixed point and floating-point arithmetic for ALU operation
CO3	Discuss about implementation schemes of control unit and pipeline performance
CO4	Explain the concept of various memories, interfacing and organization of multiple processors
CO5	Discuss parallel processing technique and unconventional architectures

Course Code & Course Name:EC8551 Communication Networks

COURSE OUTCOMES (COs)

List of Course Outcomes	
CO1	Identify the components required to build different types of networks.
CO2	Choose the required functionality at each layer for given application
CO3	Identify solution for each functionality at each layer
CO 4	Trace the flow of information from one node to another node in the network.
CO5	Understand the basic layers and its functions in computer networks.

Course Code & Course Name: EC8073 Medical Electronics

COURSE OUTCOMES (COs)

CO1	Know the human body electro- physiological parameters and recording of bio-potentials
CO2	Comprehend the non-electrical physiological parameters and their measurement – body temperature, blood pressure, pulse, blood cell count, blood flow meter etc
CO3	Interpret the various assist devices used in the hospitals viz. pacemakers, defibrillators, dialyzers and ventilators.
CO4	Comprehend physical medicine methods eg. ultrasonic, shortwave, microwave surgical diathermies, and bio-telemetry principles and methods



CO5 Know about recent trends in medical instrumentation

Course Code & Course Name:OMD551 Basics of Biomedical Instrumentation

COURSE OUTCOMES (COs)

List of Course Outcomes	
CO1	To Learn the different bio potential and its propagation.
CO2	To get Familiarize the different electrode placement for various physiological recording
CO3	Students will be able design bio amplifier for various physiological recording
CO4	Students will understand various technique non electrical physiological measurements
CO5	Understand the different biochemical measurements

Course Code & Course Name :EC8563 Communication Networks Laboratory

COURSE OUTCOMES (COs)

List of Course Outcomes

CO1	Communication between two desktop computers
CO2	Implementation of different protocols
CO3	To Implement Program using sockets
CO4	To Implement and compare the various routing algorithms
CO5	To Use the simulation tool

Course Code & Course Name :EC8562 Digital Signal Processing Laboratory

COURSE OUTCOMES (COs)

CO1	Carryout basic signal processing operations
CO2	Demonstrate their abilities towards MATLAB based implementation of various DSP systems



CO3	Analyze the architecture of a DSP Processor
CO4	Design and Implement the FIR and IIR Filters in DSP Processor for performing filtering operation over real-time signals
CO5	Design a DSP system for various applications of DSP

Course Code & Course Name:EC8561 Communication Systems Laboratory

Course Outcomes (CO)

CO1	Simulate & validate the various functional modules of a communication system
CO2	Demonstrate their knowledge in base band signaling schemes through implementation of
	digital modulation schemes
CO3	Apply various channel coding schemes & demonstrate their capabilities towards the
	improvement of the noise performance of communication system
CO4	Simulate Error control codingschemes
CO5	Simulate end-to-end communication Link



VI SEMESTER



Course Code & Course Name :EC8691 Microprocessor & Microcontroller

COURSE OUTCOMES (COs)

List of Course Outcomes	
CO1	Understand and execute programs based on 8086 microprocessor.
CO2	Design Memory Interfacing circuits
CO3	Design and interface I/O circuits
CO4	Understand and execute programs based on 8051 microcontroller.
CO5	Design and implement 8051 microcontroller based systems.

Course Code & Course Name:EC8095 VLSI Design

COURSE OUTCOMES (COs)

List of Course Outcomes	
CO1	Realize the concepts of digital building blocks using MOS transistor.
CO2	Design combinational MOS circuits and power strategies.
CO3	Design and construct Sequential Circuits and Timing systems.
CO4	Design arithmetic building blocks and memory subsystems
CO5	Apply and implement FPGA design flow and testing

Course Code & Course Name:EC8652

Wireless Communication

COURSE OUTCOMES (COs)



List of Course Outcomes

CO1	Characterizeawirelesschannelandevolvethesystemdesignspecifications
CO2	Designacellular systembasedonresourceavailabilityandtrafficdemands
CO3	Types of digital signals for fading channels
CO4	Identifysuitablesignalingandmultipathmitigationtechniquesforthewirelesschannelandsystemund erconsideration.
CO5	Identify suitable multipleantennatechniques

Course Code & Course Name:MG 8591 Principles of Management

COURSE OUTCOMES (COs)

List of Course Outcomes

CO1	Identify the factors that make up an organization's environment and the four stages of an organization's life cycle
CO2	Identify the relationship between strategic, tactical and operational plans
CO3	Identify the stages of team development
CO4	Identify the relationship between behaviors and motivation
CO5	Identify the steps managers can take to implement planned change

Course Code & Course Name: EC8651 Transmission Lines and RF Systems

COURSE OUTCOMES (COs)

CO1	Explain the characteristics of transmission lines and its losses
CO2	Write about the standing wave ratio and input impedance in high frequency transmission lines
CO3	Analyze impedance matching by stubs using smith charts
CO4	Analyze the characteristics of TE and TM waves
CO5	Design a RF transceiver system for wireless communication



Course Code & Course Name :EC8004 Wireless Networks

COURSE OUTCOMES (COs)

List of Course Outcomes

CO1	Conversant with the latest 3G/4G networks and its architecture
CO2	Implement the Network layer in the internet
CO3	Design and implement wireless network environment for any application using latest wireless protocols and standards
CO4	Ability to select the suitable network depending on the availability and requirement
CO5	Implement different type of applications for smart phones and mobile devices with latest network strategies

Course Code & Course Name:EC8681 Microprocessors and MicrocontrollersLab

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:EC8661 VLSI Design Laboratory

COURSE OUTCOMES (COs)

CO1	Write HDL code for basic as well as advanced digital integrated circuit
CO2	Import the logic modules into FPGA Boards



CO3	Synthesize Place and Route the digital IP
CO4	Design the layouts of Digital & Analog IC Blocks using EDA
CO5	Simulate and Extract the layouts of Digital & Analog IC Blocks using EDA

Course Code & Course Name: HS8581 Professional Communication

COURSE OUTCOMES (COs)

CO1	Enhance the Employability and Career Skills of students
CO2	Orient the students towards grooming as a professional
CO3	Make them Employability Graduates
CO 4	Develop their confidence and help them attend interviews successfully.



VII SEMESTER



Course Code & Course Name: EC8701 Antennas and Microwave Engineering

COURSE OUTCOMES (COs)

List of Course Outcomes

CO1	Apply the basic principles and evaluate antenna parameters and link power budgets
CO2	Analyze the characteristics of radiation pattern of different antennas.
CO3	Design and assess the performance of various antennas
CO4	Design a microwave system given the application specifications
CO5	Analyze the characteristics of microwave device and Design a RF transceiver system for wireless communication.

Course Code & Course Name : EC8702 Adhoc & Wireless Sensor Networks

COURSE OUTCOMES (COs)

List of Course Outcomes

CO1	Know the basics of Ad hoc networks and Wireless Sensor Networks
CO2	Apply this knowledge to identify the suitable routing algorithm based on the network and user requirement
CO3	Apply the knowledge to identify appropriate physical and MAC layer protocols
CO4	Understand the transport layer and security issues possible in Ad hoc and sensor networks.
CO5	Be familiar with the OS used in Wireless Sensor Networks and build basic modules

Course Code & Course Name: EC8791 Embedded And Real Time Systems

COURSE OUTCOMES (COs)

CO1	To Outline the concepts of embedded system design and analysis
CO2	To Describe the architecture and programming of ARM processor
CO3	To Model real-time applications using embedded programming



CO4	To Explain the basic concepts of real time operating system design
CO5	To describe the concepts of multi task using multiprocessors

Course Code & Course Name :EC8751 Optical Communication

COURSE OUTCOMES (COs)

List of Course Outcomes

CO1	Realize basic elements in optical fibers, different modes and configurations.
CO2	Analyze the transmission characteristics associated with dispersion and polarization techniques.
CO3	Design optical sources and detectors with their use in optical communication system.
CO4	Construct fiber optic receiver systems, measurements and coupling techniques
CO5	Design optical communication systems and its networks

Course Code & Course Name : GE8071 Disaster management COURSE OUTCOMES (COs)

List of Course Outcomes	
CO1	Differentiate the types of disasters, causes and their impact on environment and societ
CO2	Assess vulnerability and various methods of risk reduction measures as well as mitigation.
CO3	Draw the hazard and vulnerability profile of India, Scenarious in the Indian context, Disaster damage assessment and management
CO4	Examine the mitigation measures and recovery for different types of Disaster
CO5	Assessment based on case studies

Course Code & Course Name: OCH752, Energy Technology.

COURSE OUTCOMES (COs)



List of Course Outcomes

CO1	Understand Energy sources
CO2	Understand conventional Energy sources
CO3	Express their knowledge Non- conventional Energy sources.
CO4	Understand biomass sources and develop design parameters for equipment to be used in Chemical process industries.
CO5	Understand energy conservation in process industries.

Course Code & Course Name : EC8711 Embedded Laboratory

COURSE OUTCOMES (COs)

List of Course Outcomes

CO1	Learn the working of ARM processor
CO2	Understand the Building Blocks of Embedded Systems
CO3	Learn the concept of memory map and memory interface
CO4	Write programs to interface memory, I/Os with processor
CO5	Study the interrupt performance

Course Code & Course Name: EC8761 Advanced Communication Lab <u>COURSE OUTCOMES (COs)</u> List of Course Outcomes

CO1	Analyze the performance of simple optical link by measurement of losses and Analyzing the mode characteristics of fiber
CO2	Analyze the Eye Pattern, Pulse broadening of optical fiber and the impact on BER
CO3	Estimate the Wireless Channel Characteristics
CO4	Analyze the performance of Wireless Communication System
CO5	Understand the intricacies in Microwave System design.



VIII SEMESTER



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: EC8094 Satellite Communication

COURSE OUTCOMES (COs)

CO1	Analyze the satellite orbits
CO2	Analyze the earth segment and space segment
CO3	Analyze and design the various satellite Links
CO4	Analyze the Different coding and frequency assignment methods
CO5	Design various satellite applications

