

COURSE OUTCOMES

REGULATION: 2013

S.NO	COURSE NAME	COURSE OUT COMES	
1	C101- Technical English – I (HS6151)	C101.1	Understand the basic grammatical functions and vocabulary.
		C101.2	Speak and write clearly and communicate using appropriate communicative strategies
		C101.3	Write Informal letters /blog/email with a wide range of vocabulary
		C101.4	listen/view and comprehend different spoken discourses and passages in different accents.
		C101.5	Read and write different genres of texts.
2	C102 - Mathematics – I (MA6151)	C102.1	Understand the Concepts of Diagonalization of matrices.
		C102.2	Apply simple techniques for testing the convergence of sequences and series
		C102.3	Use the differentiation concepts to differentiate functions
		C102.4	Apply partial differentiation in functions of several variables.
		C102.5	Apply integration concepts to compute multiple integrals.
3	C103 - Engineering Physics – I (PH6151)	C103.1	Able to classify various crystal structures and its parameters.
		C103.2	Explain the basics of properties of matter, the thermal properties of materials like thermal conductivity and its application.
		C103.3	Acquire knowledge on the concepts of quantum theory and its application in tunneling microscopes.
		C103.4	Understands the basic concepts of Acoustics in buildings and the production of ultrasonic waves and its application in NDT and medical field.
		C103.5	Understands the concept of photonics and its usage in the production of different types of laser and the principle of fibre optics with its application in various fields.
4	C104 - Engineering Chemistry-I (CY6151)	C104.1	Understand the types of water and water treatment techniques.
		C104.2	Utilize the various adsorbent in industries.
		C104.3	Classify the types of alloys and understand the component present in the alloys.
		C104.4	Explain the types of fuels and manufacturing of secondary fuels.
		C104.5	Illustrate the types of energy resources.
	Computer EG151)	C105.1	Know the organization of digital Computer
		C105.2	Design C Programs for problems.

S.NO	COURSE NAME	COURSE OUT COMES	
5	C105 - Comp programming (G)	C105.3	Write and execute C programs using Arrays and Strings for simple applications
		C105.4	Usage of Pointers and Function in C programming
		C105.5	Design Programming using Structures and Union
6	C106 - Engineering Graphics (GE6152)	C106.1	Discuss about conics and orthographic views of engineering components
		C106.2	Draw the projection of points, lines and planes
		C106.3	Classify solids and projection of solids at different positions
		C106.4	Show sectioned view of solids and development of surface
		C106.5	Draw isometric projection and perspective views of an object/solid
7	C107 - Computer Practices Laboratory (GE6161)	C107.1	Know about Data Manipulation in MS Office Packages
		C107.2	Apply good programming design methods for program development using Decision making and looping statements.
		C107.3	Design and implement C programs using strings and arrays.
		C107.4	Design and implement C programs using functions and string functions.
		C107.5	Develop recursive functions and develop programs using structures and unions.
8	C108 - Engineering Practices Laboratory (GE6162)	C108.1	Apply the knowledge of pipeline connections to household fittings and industrial buildings.
		C108.2	Prepare the different joints in roofs, doors, windows and furniture.
		C108.3	Perform step turning operation in a lathe.
		C108.4	Perform the various welding processes and know about its applications.
		C108.5	Produce a funnel using sheet metal.
9	C109 - Physics and Chemistry Laboratory - I (GE6163)	C109.1	Understand the concept of Laser and its diffraction for different usage
		C109.2	Able to find the velocity of ultrasonic waves in different liquid.
		C109.3	Apply principle of diffraction to determine the wavelength of visible spectrum.
		C109.4	Understand the various parameter affecting the thermal conductivity of poor conductor
		C109.5	Analyze the various modulus of elasticity of different types of materials.
10	Technical English – II (HS6251)	C110.1	Understand basic grammar and know to engage in conversation.
		C110.2	Write and produce different types of technical write ups.
		C110.3	Read and write different genres of technical texts.
		C110.4	Create Job applications and Resume / E - Resume

S.NO	COURSE NAME	COURSE OUT COMES	
	C110	C110.5	Express opinions and initiate a discussion using appropriate communicative strategies
11	C111 - Mathematics – II (MA6251)	C111.1	Understand the concepts of Vector Calculus and their applications.
		C111.2	Interpret the Concepts of analytic functions and Conformal mapping.
		C111.3	Understand the integration concepts on Complex integration
		C111.4	Demonstrate the main concepts on Laplace transformations and their applications
		C111.5	Use various techniques in solving differential equations.
12	C112 - Engineering Physics – II (PH6251)	C112.1	Gain knowledge on the conducting materials and its properties
		C112.2	Acquire knowledge on the concepts of carrier concentration in intrinsic and extrinsic semiconductors and its determination using Hall effect.
		C112.3	Classify the different types of magnetic materials and know the properties of superconductors.
		C112.4	Understands the basic concepts of dielectric materials and its usage in capacitors and transformers.
		C112.5	Able to classify the different modern engineering materials and its application in different fields.
13	C113 - Engineering Chemistry – II (CY6251)	C113.1	Illustrate the types of electrochemical cell..
		C113.2	Summarize the types of corrosion and corrosion prevention methods.
		C113.3	Explain the types of fuels and manufacturing of secondary fuels.
		C113.4	Classify the types of alloys and understand the component present in the alloys.
		C113.5	Analyze the sample using various spectroscopy.
14	C114 - EC6201 Electronic Devices (EC6201)	C114.1	Illustrate the working principle of basic semiconductor and its characteristics
		C114.2	Summarize the current controlled device and its relevant parameters
		C114.3	Examine the classification of voltage controlled device and its modes of operation
		C114.4	Infer the recent semiconductor devices used in industries
		C114.5	Demonstrate the high power devices and its applications
15	EE6201 Circuit Theory (EE6201)	C115.1	Relate the basics of electric circuits and its analysis
		C115.2	Explain the network reduction techniques and circuit theorems for DC/AC circuits
		C115.3	Illustrate the resonance phenomenon in coupled circuits
		C115.4	Analysis of transient response using conventional and Laplace transform methods

S.NO	COURSE NAME	COURSE OUT COMES	
	C115	C115.5	Illustrate knowledge on three phase circuits in brief
16	C117 - Physics and Chemistry Laboratory - II (GE6262)	C116.1	Analyze the various modulus of elasticity of different types of materials.
		C116.2	Understand the various parameters affecting the band gap of semiconductor.
		C116.3	Apply principle of diffraction to determine the parameters of optical prism.
		C116.4	Analyze the co-efficient of viscosity of different liquids.
		C116.5	Apply the basic principles of optics to determine the thickness of thin materials.
17	C117 - Circuits and Devices Lab (EC6211)	C117.1	Describe the characteristics of PN junction diode, semiconductor
		C117.2	Design a voltage regulator using Zener diode
		C117.3	Describe elaborately about the voltage controlled and current controlled device
		C117.4	Verify the theorems used for transient analyze
		C117.5	Design a rectifier and inverter using SCR and diodes.
18	C201 Transforms and Partial Differential Equations (MA6351)	C201.1	Apply various techniques in solving the partial differential equations.
		C201.2	Evaluate the Fourier Series using the different methods of integral.
		C201.3	Analyze the application of partial differential equations in a large number of engineering subjects like heat conduction and wave equations
		C201.4	Apply integration techniques to formulate the Fourier transforms.
		C201.5	Apply Z - transforms and Difference equations to solve some of the engineering problems.
19	C202 Electrical Engineering and Instrumentation (EE6352)	C202.1	Understand the concept of D.C machines, characteristic and their applications.
		C202.2	Understand and draw the equivalent circuit of transformer and calculate regulation efficiency.
		C202.3	Ability to know the basics of 3-phase induction motor and synchrons machine.
		C202.4	Understand the basic measurement and instrumentation based devices.
		C202.5	Understand the relevance of digital instruments in measurements.
20	C203 Object Oriented Programming and Data Structures (EC6301)	C203.1	Understand the concepts of object oriented programming using C++
		C203.2	Demonstrate simple applications by using inheritance, polymorphism and classes
		C203.3	Remember the different methods with help of abstract ADT, stack, queues and lists
		C203.4	Apply the concepts of non linear data structures and their representation
		C203.5	Apply the sorting and searching method using data structures.
19	onics	C204.1	Understand the postulates and laws of number system, minterm, Maxterm and minimization techniques

S.NO	COURSE NAME	COURSE OUT COMES	
21	C204 Digital Electr (EC6302)	C204.2	Design the combinational circuit using logic functions.
		C204.3	Design and implement flipflops, counters and shift registers..
		C204.4	Discuss the characteristics of memory, IC, logic family and implement digital function using PLD's.
		C204.5	Design and implement synchronous and asynchronous sequential circuits.
22	C205 Signals and Systems (EC6303)	C205.1	Classify the signals or systems based on its characteristics
		C205.2	Apply Fourier and the Laplace transforms to analyze continuous-time Signals.
		C205.3	Design continuous time LTI systems using Fourier and Laplace Transfor
		C205.4	Apply Z and Fourier transforms to analyze discrete-time Signals.
		C205.5	Design discrete time LTI systems using Fourier and Z Transforms
23	C206 Electronic Circuits- I (EC6304)	C206.1	Understand the ac and dc load line, transistor circuits with different biasing and compensation methods.
		C206.2	Design simple amplifier circuits of Bipolar Junction Transistor using small signal model.
		C206.3	Analyze the small signal equivalent circuits of Field Effect Transistor and MOSFETS.
		C206.4	Understand the frequency response of transistor amplifiers.
		C206.5	Design rectifier, voltage regulator and power supplies.
24	C207 Analog and Digital laboratory (EC6311)	C207.1	Determine the frequency response of CE/CC/CB/CS amplifiers.
		C207.2	Observe the characteristics of Darlington and differential amplifier.
		C207.3	Analyze the bandwidth of single stage and multistage amplifiers.
		C207.4	Design combinational circuits for arithmetic, code conversions and comparison operations.
		C207.5	Simulate analog and digital circuits using simulation tool.
25	C208 OOPS and Data Structures laboratory (EC6312)	C208.1	Sketch the C++ program using OOPS concept.
		C208.2	Use the concepts of classes in correct manner.
		C208.3	Investigate the appropriate data structure for given problems.
		C208.4	Examine the practical applications of data structures.
		C208.5	Test the sorting functions using C++.
26	C209 Probability and Random Processes (MA6451)	C209.1	Explain the basic concepts of probability and have the knowledge of standard distributions
		C209.2	Understand the concepts of probability in two dimensional random variables
		C209.3	Apply the concepts of stationary, Markov and Poisson process
		C209.4	Understand the concepts of Correlation and Spectral densities
		C209.5	Interpret the response of linear time invariant system with random inputs
	circuits	C210.1	Design feedback amplifiers and understand its characteristics

S.NO	COURSE NAME	COURSE OUT COMES	
27	C210 Electronic Cir II (EC6401)	C210.2	Construct RC, LC and Crystal Oscillators
		C210.3	Analyze the performance characteristics of tuned amplifiers.
		C210.4	Construct wave shaping and multivibrators circuits for given specification
		C210.5	Understand the operation of blocking Oscillators and time base generators.
28	C211 Communication Theory (EC6402)	C211.1	Understand the concepts of generation and detection various AM Schemes
		C211.2	Understand the concepts of modulation and demodulation of FM Waves.
		C211.3	Apply the concepts of random process to design of communication systems.
		C211.4	Analyze the noise performance of AM and FM systems.
		C211.5	Apply the channel capacity and source coding theorem for various performance parameters.
29	C212 Electromagnetic Fields (EC6403)	C212.1	Understand field potentials due to static charges and static magnetic fields.
		C212.2	Explain how materials affect electric and magnetic fields.
		C212.3	Interpret the relation between the fields under time varying situations.
		C212.4	Understand the principles of propagation of uniform plane waves.
		C212.5	Understand the fundamental relations for electrostatic and magnetostatics field, boundary conditions and wave equations.
30	C213 Linear Integrated Circuits (EC6404)	C213.1	Understand the current mirror circuits, operational amplifier stages and internal circuit diagram of IC 741.
		C213.2	Understand the applications of op-amp and able to design circuits using op-amp.
		C213.3	Demonstrate the analog multiplier using emitter coupled pair, Gilbert Multiplier cell, analyze PLL and its applications.
		C213.4	Understand the operation of data converter circuits
		C213.5	Understand special function ICs and waveform generators
31	C214 Control System Engineering (EC6405)	C214.1	Identify the various control system components and their representations
		C214.2	Analyze the various time domain specifications for 1st order and 2nd order systems
		C214.3	Analyze various frequency response plot and its system.
		C214.4	Apply the concepts of various system stability criterions
		C214.5	Analyze the various control system using state variable model.
32	C215 Circuit and Simulation Integrated laboratory (EC6411)	C215.1	Analyze various types of feedback amplifiers.
		C215.2	Design of oscillators, tuned amplifiers, wave-shaping circuits and multivibrators.
		C215.3	Demonstrate the oscillators and tuned amplifiers using SPICE Tool.
		C215.4	Demonstrate the wave-shaping circuits and multivibrators using SPICE Tool.
		C215.5	Demonstrate the voltage and current time base circuits using SPICE Tool.

S.NO	COURSE NAME	COURSE OUT COMES	
33	C216 Linear Integrated Circuit laboratory (EC6412)	C216.1	Design of oscillators and amplifiers using Op-Amp
		C216.2	Design of filters using Op-Amp and analyze the frequency response.
		C216.3	Investigate the working of PLL and its frequency multiplier circuit.
		C216.4	Design of DC power supply circuit using ICs.
		C216.5	Analyze the performance of oscillators and multivibrators using PSPICE
34	C217 Electrical Engineering and Control System laboratory (EE6461)	C217.1	Classify the starters for various applications and test the characteristics of DC shunt machines under various conditions.
		C217.2	Compute the transfer function of a DC shunt generator and the regulation of three phase alternator.
		C217.3	Analyze the performance of a single phase transformer and performance curves of AC machines.
		C217.4	Construct the bridge network circuit to measure the value of passive elements and analyze the stability of linear system through the simulation software.
		C217.5	Illustrate the effect of P, PI and PID controllers and design the Lead & Lag compensators.
35	C301 Digital Communication (EC6501)	C301.1	Describe the basic concepts of sampling & quantization of signals.
		C301.2	Understand the various waveform coding schemes and their performance.
		C301.3	Design and implement baseband transmission schemes and their noise performance.
		C301.4	Analyze the spectral characteristics of band pass signaling schemes and their noise performance.
		C301.5	Detect and correct the errors through various error control coding schemes.
36	C302 Principles of Digital Signal Processing (EC6502)	C302.1	Apply DFT for the analysis of digital signals & systems
		C302.2	Design Infinite impulse response filters for the given specification
		C302.3	Design Infinite impulse response filters for the given specification
		C302.4	Understand the finite Word length effect on filters.
		C302.5	Understand multi-rate signal processing and its applications.
37	C303 Transmission Lines and Wave Guides (EC6503)	C303.1	Understand the propagation of signals through transmission lines.
		C303.2	Analyze signal propagation at Radio frequencies.
		C303.3	Analyze the impedance matching using stubs in transmission lines.
		C303.4	Design constant k and m-derived sections of low pass and high pass filters
		C303.5	Understand the wave behavior in guiding structures and design cavity resonators
38	C304 Environmental Engineering (GE6351)	C304.1	Understand the types ,characteristics of eco system and biodiversity.
		C304.2	Explain the types of pollution and its causes.
		C304.3	Explain the importance of natural resources
		C304.4	Understand the environmental problems.

S.NO	COURSE NAME	COURSE OUT COMES	
	C3 Scie	C304.5	Understand the importance of women, child education and HIV /Aids.
39	C305 Microprocessor and Microcontroller (EC6504)	C305.1	Understand the architecture of 8086 microprocessor.
		C305.2	Understand the Bus structure of 8086 and execute programs based on 8086.
		C305.3	Construct Memory Interfacing circuits.
		C305.4	Develop 8051 microcontroller based systems.
		C305.5	Analyze I/O interfacing circuits based on 8051 microcontroller
40	C306 Digital Signal Processing laboratory (EC6511)	C306.1	Design the various types of continuous signal and discrete signal.
		C306.2	Demonstrate their abilities towards DSP processor based implementation of DSP system.
		C306.3	Calculate and analyze the continuous and discrete signal using FFT algorithm.
		C306.4	Analyze Finite word length effect on DSP systems.
		C306.5	Implement adaptive filters for various applications of DSP.
41	C307 Communication System laboratory (EC6512)	C307.1	Design the various types of continuous and discrete signals
		C307.2	Design and verify various modulation and demodulation circuits
		C307.3	Demonstrate band pass and baseband digital signaling schemes through simulation of FSK, PSK, QPSK, QAM and DPSK.
		C307.4	Apply various channel coding schemes and demonstrate their capabilities towards the improvement of noise performance of communication system
		C307.5	Simulate and validate the various functional modules of a communication system
42	C308 Microprocessor and Microcontroller laboratory (EC6513)	C308.1	Demonstrate and apply working of programs in 8086 microprocessor and 8051 microcontroller.
		C308.2	Explain various assembly language programs.
		C308.3	Develop the basic knowledge of microprocessor and microcontroller interfacing and their application.
		C308.4	Design the system using capabilities of stack program counter and status register and show how these are used to execute a machine code program.
		C308.5	Execute arithmetic, logical operations, unpacked BCD to ASCII using 8051.
43	C309 Principles of Management (MG6851)	C309.1	Understand the concepts of management practices and its impacts in current scenario
		C309.2	Illustrate the concepts, process and importance of managerial skills like planning, decision making and its application in various management practices.
		C309.3	Describe the basis and designs of organizations and its implementation in management effectiveness
		C309.4	Illustrate the importance of directing and how it is attained by managerial skills like motivation and leadership
		C309.5	Understand the needs, process and application of controlling and its influence in management processes.
44	Computer ture (CS6303)	C310.1	Understand the basics of computer system, addressing modes and instruction formats.
		C310.2	Apply fixed and floating point arithmetic methods and find solutions.
		C310.3	Analyze the data path of a processor and pipe lining concepts with its limitations.

S.NO	COURSE NAME	COURSE OUT COMES	
	C310 Architect	C310.4	Understand the concepts of parallelism, challenges and multicore processors.
		C310.5	Analyze various memory technologies and their organization.
45	C311 Computer Networks (CS6551)	C311.1	Explain the division of network functionalities into layers.
		C311.2	Outline the media access control and internetworking protocols.
		C311.3	Construct routing tables using various routing protocols.
		C311.4	Demonstrate the congestion control mechanism in TCP.
		C311.5	Relate the protocols used in network applications.
46	C312 VLSI Design (EC6601)	C312.1	Understand the basics of CMOS circuits and CMOS technology
		C312.2	Design the logic circuits of combinational devices and understand the concept of power dissipation.
		C312.3	Design and analysis of sequential logic circuits.
		C312.4	Understand the building blocks of adder and multipliers. Circuits
		C312.5	Design and Implement Full custom and Semicustom ICs.
47	C313 Antenna and Wave propagation (EC6602)	C313.1	Describe the concepts of antenna and its radiation parameters.
		C313.2	Demonstrate the characteristics of aperture and slot antenna.
		C313.3	Explain the operation of the array antenna.
		C313.4	Analyze the various types of special antenna and measurement of its parameters.
		C313.5	Analyze various modes of wave propagation and atmospheric structure
48	C314 Medical Electronics (EC6001)	C314.1	Understand the basics of cell biology and the bio-potentials.
		C314.2	Interpret various biochemical processes.
		C314.3	Illustrate the working of assistive devices.
		C314.4	Understand the uses of radiation for diagnostic and bio-telemetry
		C314.5	Understand the recent instruments developed in medical fields
49	C315 Computer Networks laboratory (EC6611)	C315.1	Demonstrate the Communication between two desktop Computers.
		C315.2	Elaborate the different protocols used in computer Communication.
		C315.3	Illustrate the Program using sockets
		C315.4	Implement and compare the various routing algorithms
		C315.5	Experiment the various simulation tools needed for Communication of computers
50	C316 VLSI Design laboratory (EC6612)	C316.1	Develop the HDL code for basic as well as advanced digital Integrated circuits
		C316.2	Import the logic modules into FPGA Boards.
		C316.3	Perform the Synthesization, Place and Route the digital IPs.
		C316.4	Design, Simulate and Extract the layouts of Analog IC Blocks using EDA tools.
		C316.5	Simulate the modern chip manufacturing software tools.

S.NO	COURSE NAME	COURSE OUT COMES	
51	C317 Communication and Soft Skills laboratory (GE6674)	C317.1	Take international examination such as IELTS and TOEFL
		C317.2	Make presentations and Participate in Group Discussions.
		C317.3	Successfully answer questions in interviews.
		C317.4	Develop felicity of expression and familiarity with technology enabled Communication
		C317.5	Analyse, distinguish and Prepare their own resume and report
52	C401 RF and Microwave Engineering (EC6701)	C401.1	Design RF Network and understand the parameters of the network
		C401.2	Design and analyze RF transistor amplifiers
		C401.3	Explain the active and passive microwave devices and components
		C401.4	Generate microwave signals and microwave amplifiers
		C401.5	Measure and analyze microwave signals
53	C02 Optical Communication and Networks (EC6702)	C402.1	Understand the basic principles behind optical fiber transmission, different modes and configurations.
		C402.2	Analyze various signal degradation factors and their effects on optical fiber transmission.
		C402.3	Understand the concepts of various optical sources and their coupling methods to a fiber.
		C402.4	Explain the operation of fiber optic receiver and various measurement methods.
		C402.5	Analyze the various optical network and factors affecting system performance.
54	C403 Embedded and Real Time Systems (EC6703)	C403.1	Explain the fundamental concepts of designing Embedded and real time systems.
		C403.2	Describe the computing required for real time embedded systems.
		C403.3	Summarize the concepts of scheduling in real time operating systems..
		C403.4	Analyze the techniques required to create a complex embedded systems..
		C403.5	Apply the concepts of embedded system design in creating the model real time application..
55	C404 Digital Image Processing (IT6005)	C404.1	Understand the fundamental concepts of a digital image processing system.
		C404.2	Demonstrate the image enhancement techniques in spatial and frequency domain.
		C404.3	Apply image restoration and segmentation methods in images.
		C404.4	Apply the concepts of wavelets, compression techniques in images.
		C404.5	Represent the boundary using chain codes, signature and boundary descriptors, recognize using pattern based methods.
56	Advanced Architecture (C6009)	C405.1	Evaluate the parameters of different architecture.
		C405.2	Analyze the performance of different ILP techniques.
		C405.3	Apply the concept of data level parallelism and vector architecture.

S.NO	COURSE NAME	COURSE OUT COMES	
	C405 Compute (E)	C405.4	Understand thread level parallelism and memory architecture.
		C405.5	Identify cache and memory related issues in multi processors.
57	C406 Opto Electronic Devices (EC6016)	C406.1	Understand the concepts of solid state physics and wave nature of lights.
		C406.2	Explain the concepts of display devices and laser.
		C406.3	Understand the construction and working of optical detectors.
		C406.4	Illustrate the concepts of modulators and optic devices.
		C406.5	Understand the concepts of integration process and guided wave devices
58	C407 Embedded laboratory (EC6711)	C407.1	Understand to write a program in ARM 7 specific application.
		C407.2	Understand the interfacing of the memory units and write the program for the memory related operations.
		C407.3	Understand the interfacing of A/D and D/A convertors and write the programs for the keyboard display, motor and sensor with ARM.
		C407.4	Analyze the performance of the interrupt
		C407.5	Formulate a mini project using embedded systems.
59	C408 Optical and Microwave laboratory (EC6712)	C408.1	Understand the characteristics of klystron and Gunn diode.
		C408.2	Solve theoretical S – Parameter measurement with the Practical value.
		C408.3	Implement S – Matrix characterization.
		C408.4	Evaluate the radiation pattern, gain and directivity of any Antenna.
		C408.5	Design fiber optic analog and digital link.
60	C409 Wireless Communication (EC6801)	C409.1	Understand the characteristics of wireless channels and fading concepts.
		C409.2	Understand and implement various multiple access techniques and cellular architecture.
		C409.3	Design and implement different signaling schemes for fading channels.
		C409.4	Analyze the performance of various multipath mitigation techniques.
		C409.5	Implement system with transmit/receive diversity and MIMO systems
61	C410 Wireless Networks (EC6802)	C410.1	Comprehend on Wireless networks, protocol stack and is standards.
		C410.2	Analyze the network layer solutions for Wireless networks
		C410.3	Outline the fundamentals of 3G Services, its protocols and applications
		C410.4	Demonstrate the concept of internetworking of WLAN and WWAN
		C410.5	Develop prototypes for applications for smart phones and mobile devices with latest network strategies
	18)	C411.1	Explain the various components of multimedia systems

S.NO	COURSE NAME	COURSE OUT COMES	
62	C411 Multimedia Compression and Communication (EC60)	C411.2	Discuss the various compression principles and standards used in audio and video.
		C411.3	Identify the text and image compression techniques
		C411.4	Demonstrate the mechanism involved in VOIP communication.
		C411.5	Explain the compression principles to be incorporated in making the multimedia networking effective.
63	C412 Total Quality Management (GE6757)	C412.1	Outline the dimensions and barriers regarding with Quality.
		C412.2	Illustrate the TQM Principles and quality strategies
		C412.3	Demonstrate Tools utilization for quality improvement and quality concepts
		C412.4	Illustrate the various quality concepts and techniques used to measure Quality.
		C412.5	Apply various Quality Systems and auditing on implementation of TQM.
64	C413 Project Work (EC6811)	C413.1	Understand fundamental knowledge in various engineering subjects and applications.
		C413.2	Identify the problem and do literature survey.
		C413.3	Design engineering solutions to complex problems utilizing a system approach.
		C413.4	Create a model for specific application.
		C413.5	Evaluate the performance using parameters and conclude the project.