

DON BOSCO INSTITUTE OF TECHNOLOGY, KURLA, MUMBAI

DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION

COURSE OUTCOMES

CAY- (Even semester, 2018-19)

Course Name:	Maths IV		
Course Code	ECC401		
Faculty Name:	PINKY		
Year	2	Sem	IV
CO Number	Course Outcome		
ECC401.1	Students will be able to (i) Obtain Eigen values and Eigen vectors for a given square matrix (ii) Define Vector spaces (iii) Define Karl Pearson's correlation coefficient and Spearman's rank correlation coefficient		
ECC401.2	Students will be able to (i) Infer properties of Eigen values and Eigen vectors (ii) Show if a given set is a vector space or not (iii) Calculate conditional Probabilities using Bayes' theorem (iv) Obtain pdf and cdf of discrete and continuous random variables (including special discrete – Binomial and Poisson and special continuous – normal) (v) Calculate various probabilities of random variables following Binomial Poisson and Normal distributions (vi) Karl-Pearson's Coefficient of Correlation and Spearman's Rank Correlation and regression lines		
ECC401.3	Students will be able to (i) Construct diagonal matrices using the concept of similarity (ii) Build functions of square matrices (iii) Identify orthogonal vectors and obtain orthonormal basis using Gram-Schmidt process		
ECC401.4	Students will be able to 1. Evaluate integrals using the different Cauchy's theorems (Integral theorem, Residue theorem) 2. Obtain Taylor's and Laurent's series 3. Obtain extremals of a given integral using the theory of Calculus of variations 4. Obtain extremals of a integral involving higher order derivative using Rayleigh's Method.		
ECC401.5	Students will be able to 1. Use Bayes' theorem to obtain conditional probabilities 2. Obtain MGF and hence obtain the mean and variance (up to first 4 moments) of a random variable 3. Obtain probabilities using correct interpretation of Binomial distribution, Poisson and normal approximations to binomial distribution and also Binomial approximation to normal distribution		
ECC401.6	Students will be able to (i) Obtain extremals of a given integral under some constraints using the theory of Calculus of variations (Isoperimetric problems) (ii) Obtain probabilities and z-values for normal distributions		

Course Name:	Electronic devices and Circuits - II		
Course Code	ECC402		
Faculty Name:	Lakshmi Vinayakvitthal		
Year	2	Sem	IV
CO Number	Course Outcome		
ECC402.1	Students will be able to describe the basic principle and classify various semiconductor devices like FET, Large signal amplifiers, feedback amplifiers and Oscillators.		
ECC402.2	Students will be able to explain the operation and discuss various types of semiconductor devices with references to electronics circuits.		
ECC402.3	Students will be able to derive the expressions for various performance measures of small signal and large signal amplifiers and oscillators		
ECC402.4	Students will be able to analyze and relate circuit parameters with performance parameters for single and multistage amplifier and oscillator circuits		
ECC402.5	Students will be able to evaluate and select suitable components to obtain proper performance of Amplifier circuits for the given specification		
ECC402.6	Students will be able to design amplifier and oscillator circuit for given specification and application		

Course Name:	Linear integrated Circuits		
Course Code	ECC403		
Faculty Name:	DR MANDE		
Year	2	Sem	IV

CO Number	Course Outcome
ECC403.1	Students will be able to define functionality of various Integrated circuits.
ECC403.2	Students will be able to explain working principles of various integrated circuits and their applications.
ECC403.3	Students will be able to derive expressions for performance parameters of various circuits like Inverting Amplifier, Non-Inverting Amplifier, adder, subtract, Ton, Toff, frequency and so on.
ECC403.4	Students will be able to analyze and relate the performance of various integrated circuits in terms of circuit parameters.
ECC403.5	Students will be able to evaluate, compare and select the optimized circuits for the given application.
ECC403.6	Students will be able to design linear integrated circuit for given application and specifications.

Course Name:	SS		
Course Code	ECC404		
Faculty Name:	Jithin Isaac		
Year	2	Sem	IV

CO Number	Course Outcome
ECC404.1	Students will be able to learn the mathematical description and representation of continuous and discrete time signals and systems.
ECC404.2	Students will be able to interpret & classify signals & systems based on their different properties.
ECC404.3	Students will be able to apply the Laplace transform and Z- transform to continuous-time and discrete-time signals and determine the response of LTI system using convolution
ECC404.4	Students will be able to Analyse the spectral characteristics of continuous-time periodic and aperiodic signals using Fourier analysis.
ECC404.5	Students will be able to compare & evaluate the different signal processing algorithms being used for various signal processing applications
ECC404.6	Students will be able to realize and design recursive and non recursive systems in different forms.

Course Name:	PCOM		
Course Code	ECC405		
Faculty Name:	Gejo George		
Year	2	Sem	IV

CO Number	Course Outcome
ECC405.1	The students will be able to describe and assimilate information regarding the different types of analog and pulse modulation-demodulation communication techniques.
ECC405.2	The students will be able to discuss and summarize different types of communication media and the modulation and demodulation techniques used.
ECC405.3	The students will be able to apply their knowledge in obtaining the different performance parameters of a system
ECC405.4	The students will be able to analyze the fundamental communication systems and relate the effect each block has on the performance of the system.
ECC405.5	The students will be able to evaluate & compare the different types of analog & pulse communication systems and select suitable systems to build their applications.
ECC405.6	The students will design an application oriented mini-project.

Course Name:	Electronic devices and Circuits - II Laboratory		
Course Code	ECL401		
Faculty Name:	Lakshmi Vinayakvitthal		
Year	2	Sem	IV
CO Number	Course Outcome		
ECL401.1	Students will be able to understand biasing circuits and/ obtain the transfer and output characteristics of MOSFET Circuits and large signal amplifiers on Breadboard/Software.		
ECL401.2	Students will be able to analyse Multistage amplifiers and Feedback amplifiers and obtain the frequency response and calculate the performance parameter both theoretically and practically using Breadboard/Software		
ECL401.3	Students will be able to obtain the resonant frequency of Oscillator circuits theoretically and practically using Breadboard/Software		
ECL401.4	Students will be able to design miniprojects based on applications of amplifiers and oscillator based circuits for the given specification		

Course Name:	Principles of Communication Engineering Laboratory		
Course Code	ECL404		
Faculty Name:	Gejo George		
Year	2	Sem	IV
CO Number	Course Outcome		
ECL404.1	The students will be able to experimentally perform and describe the different types of analog and pulse modulation techniques and understand the difference between each.		
ECL404.2	The students will be able to experimentally find the different physical parameters of the various modulated signals.		
ECL404.3	The students will be able to experimentally analyze the effect each parameter has on the various types of pulse and analog modulation.		
ECL404.4	Students will be able to design and implement miniprojects based on different modulation and demodulation techniques and build their applications.		

Course Name:	LIC LAB		
Course Code	ECL402		
Faculty Name:	DR MANDE		
Year	2	Sem	IV
CO Number	Course Outcome		
ECL402.1	The students will understand the working of various IC , timers and linear integrated circuits		
ECL402.2	The students will be able to identify the particular circuit necessary to perform a particular operation		
ECL402.3	The students will be able to analyze the working of differerent types of circuits		
ECL402.4	The students will be able to evaluate various parameters of the given circuit.		
ECL402.5	The students will be able to design the circuit for a given application		

Course Name:	MICROCONTROLLER AND APPLICATION		
Course Code	ECC601		
Faculty Name:	YOGESH G		
Year	3	Sem	VI

CO Number	Course Outcome
ETC501.1	Student will know basic features, architecture and pin configuration of 8051 and ARM7 microcontroller.
ETC501.2	Student will be able to demonstrate understanding of memory organization, I/O ports, counter/ timer, interrupts, UART of microcontroller.
ETC501.3	Student will be able to apply knowledge of instruction set to write assembly language program for given logic.
ETC501.4	Student will be able to interface and program peripheral devices LED, LCD, and seven segment display, Keyboard, ADC and DAC (0808/09), Stepper motor and relay, IR sensor with 8051 and ARM7 microcontroller.
ETC501.5	Student will be able to design microcontroller based system for various application

Course Name:	CCN		
Course Code	ECC602		
Faculty Name:	Namita Agarwal		
Year	3	Sem	VI

CO Number	Course Outcome
ECC602.1	Students will be able to define and describe the basic concepts of computer networks
ECC602.2	Students will be able to discuss and explain the services provided, protocols used along with the design issues for each of the layers of computer networks.
ECC602.3	Students will be able to apply various error detection and correction methods along with routing algorithms .
ECC602.4	Students will be able to compare various protocols,multiple access techniques and routing algorithms used in computer networks.
ECC602.5	Students will be able to evaluate the performance of a computer network.
ECC602.6	Students will be able to formulate,design and apply subnet masks and addresses to fulfill networking requirements

Course Name:	AWP		
Course Code	ECC603		
Faculty Name:	FREDAC		
Year	3	Sem	VI

CO Number	Course Outcome
ECC603.1	Student will be able to define and explain Maxwell's equations, various antenna parameters , different propagation effects.
ECC603.2	Student will be able to use Maxwell's equations for derivations of various antennas. They will be able to solve problems on antenna fundamentals
ECC603.3	Student will be able to apply concepts to compare various types of antennas based on the requirements /applications. They will be able to evaluate polarisation, impedance matching effects in antennas.
ECC603.4	Student will be able to analyse the radiation pattern, beamwidth, directivity, null directions for antenna array, yagi and log periodic antenna
ECC603.5	Student will be able to evaluate the given specifications to arrive at the appropriate design/circuit considerations of antennas
ECC603.6	Student will be able to suggest an appropriate design method of antenna system for the given specifications

Course Name:	IPMV		
Course Code	ECC604		
Faculty Name:	Dr. Satishkumar S. Chavan		
Year	3	Sem	VI

CO Number	Course Outcome
ECC604.1	Students will be able to know basics of image processing with fundamental processes.
ECC604.2	Students will be able to understand fundamental concepts of formation and sampling of image.
ECC604.3	Students will be able to improve the quality of an image in spatial domain as well as in frequency domain.
ECC604.4	Students will be able to interpret and analyze images in spatial and frequency domain.
ECC604.5	Students will be able to choose appropriate method to reconstruct original image from degraded image.
ECC604.6	Students will be able to design methods for processing images for human interpretation or further processing.

Course Name:	DIGITAL VLSI ELECTIVE		
Course Code	ECCDLO 6021		
Faculty Name:	LAKSHMI V		
Year	3	Sem	VI

CO Number	Course Outcome
ECCDLO 6021.1	Students will know describe the fundamental understanding of MOSFET
ECCDLO 6021.2	Students will be able to explain and discuss various design styles , memory and storage circuits, data path designs and system level design issues such as protection, clocking, and routing.
ECCDLO 6021.3	Students will be able to apply the concept and derive expressions for various performance measure of digital circuits
ECCDLO 6021.4	Students will be able to analyze the various factors affecting performance measures of digital circuits such as Noise Margins, Propagation delays, power dissipation, and area
ECCDLO 6021.5	Students will be able to compare and select appropriate digital circuit with suitable configuration for given applications
ECCDLO 6021.6	Students will be able to design various building blocks of VLSI circuits to satisfy given specifications

Course Name:	RADAR ENGG		
Course Code	ECCDLO6022		
Faculty Name:	ASHWINI K		
Year	3	Sem	VI

CO Number	Course Outcome
ECCDLO 6022.1	Student will be able to explain the fundamental concept of RADAR. They will be explain the working principle the different types of Radar displays and their application in real time scenario. (PO1)
ECCDLO 6022.2	Students will be able demonstrate an understanding of the factors affecting the radar performance using Radar Range Equation.
ECCDLO 6022.3	Students will be able apply concepts of working principles to differentiate between different types of RADARS. Also will be able to demonstrate an understanding of the importance of Matched Filter Receivers in Radars.
ECCDLO 6022.4	Students will be able analyze cases to identify the suitable measurement methodologies to characterize and verify the performance of radar systems.
ECCDLO 6022.5	Students will be able to evaluate design constraints for RADAR transmitters & receivers.
ECCDLO 6022.6	Students will be able to design radar systems computationally and use modern tools to .

Course Name:	DATABASE MANAGEMENT SYSTEM		
Course Code	ECCDLO 6023		
Faculty Name:	JITHIN I		
Year	3	Sem	VI

CO Number	Course Outcome
ECCDLO6023.1	Students will be able to understand, define and explain the fundamentals of database management systems.
ECCDLO6023.2	Students will be able to understand the concept of Transaction, Concurrency and Recovery Management.
ECCDLO6023.3	Students will be able to apply and formulate SQL queries to manage the database system.
ECCDLO6023.4	Students will be able to convert conceptual model to relational model and formulate relational algebra queries
ECCDLO6023.5	Students will be able to analyze and design a relational database design using the concepts of normalizations.
ECCDLO6023.6	Students will be able to design the conceptual model of database for any real life problem.

Course Name:	AUDIO PROCESSING		
Course Code	ECCDLO 6024		
Faculty Name:	PRATIBHA D		
Year	3	Sem	VI

CO Number	Course Outcome
ECCDLO 6024.1	Students will be able to define the various terms related to signals and systems as required for audio processing, speech production, and speech processing and speech analysis.
ECCDLO 6024.2	Students will be able to discuss the digital representation of speech waveforms, properties of speech signal, short time analysis in time and frequency domain and explain the various techniques used in speech processing, and their applications.
ECCDLO 6024.3	Students will be able to compute the pitch and formants of a speech signal using different digital signal processing methodologies.
ECCDLO 6024.4	Students will be able to analyse the different interpretation methods of the short time Fourier transform.
ECCDLO 6024.5	Students will be able to justify and compare the different techniques used for digital representation of speech waveforms, techniques used in time domain, frequency domain, and the techniques used in the design of specified vocoders.
ECCDLO 6024.6	Students will be able to develop block diagrams for specified vocoders and analysis methods and applications taking into consideration different mathematical and perceptual measures required for processing of speech signals.

Course Name:	AUDIO PROCESSING LAB		
Course Code	ECLDLO 6024		
Faculty Name:	PRATIBHA D		
Year	3	Sem	VI

CO Number	Course Outcome
ECLDLO 6024.1	Students will be able to read and plot the speech signals using programming languages like Scilab/Matlab/R/Python. (Remembering)
ECLDLO 6024.2	Students will be able to understand program construct for speech processing. (Understanding)
ECLDLO 6024.3	Students will be able to apply digital signal processing techniques to extract the features of the speech signals in time domain and frequency domain. (Applying)
ECLDLO 6024.4	Students will be able to analyze the features obtained from the speech signals. (Analyzing)
ECLDLO 6024.5	Students will be able to choose appropriate techniques to extract the features from the speech signals. (Evaluating)
ECLDLO 6024.6	Students will be able to work on a mini project in the area of speech / audio processing. (Creating)

Course Name:	MICROCONTROLLER & APPLICATION LAB		
Course Code	ECL601		
Faculty Name:	YOGESH G		
Year	3	Sem	VI
CO Number	Course Outcome		
ETC501.1	Student will know basic features, architecture and pin configuration of 8051 and ARM7 microcontroller.		
ETC501.2	Student will be able to demonstrate understanding of memory organization, I/O ports, counter/ timer, interrupts, UART of microcontroller.		
ETC501.3	Student will be able to apply knowledge of instruction set to write assembly language program for given logic.		
ETC501.4	Student will be able to interface and program peripheral devices LED, LCD, and seven segment display, Keyboard, ADC and DAC (0808/09), Stepper motor and relay, IR sensor with 8051 and ARM7 microcontroller.		
ETC501.5	Student will be able to design microcontroller based system for various application		

Course Name:	CCN LAB		
Course Code	ECL602		
Faculty Name:	Namita Agarwal		
Year	3	Sem	VI
CO Number	Course Outcome		
ECL602.1	Students will be able to explain the various network devices and protocols used at each layer.		
ECL602.2	Students will be able to understand and perform various network commands on Linux.		
ECL602.3	Students will be able to apply error detection and correction techniques.		
ECL602.4	Students will be able to analyze the traffic flow and protocol frames		
ECL602.5	Students will be able to simulate and evaluate the performance of a computer network.		
ECL602.6	Students will be able to design a computer network as per specific need.		

Course Name:	AWP LAB		
Course Code	ECL603		
Faculty Name:	FREDA C, ASHWINI K		
Year	3	Sem	VI
CO Number	Course Outcome		
ECL603.1	Students will be able to explain and define various antenna parameters and also explain propagation effects.		
ECL603.2	Students will have basic knowledge and skills related to Antenna system and it's testing methods, they will be able to measure various antenna parameters		
ECL603.3	Students will be able to apply their theoretical knowledge and demonstrate proficiency to operate various instruments like directional coupler, VNA and software like ANSYS HFSS		
ECL603.4	Student will be able to analyse radiation pattern and S11 parameters to compare antennas with respect to certain defined antenna parameters		
ECL603.5	Students will be able to investigate in order to assess the need of adaptation for technological change in the field of antennas		
ECL603.6	Student will be able to evaluate given specifications to arrive at appropriate theoretical design of antennas and validate through simulation		

Course Name:	IPMV LAB		
Course Code	ECL604		
Faculty Name:	DR SATISH C		
Year	3	Sem	VI

CO Number	Course Outcome
ECL604.1	Students will be able to understand programming constructs for image processing and machine vision.
ECL604.2	Students will be able to read, modify, display and create images.
ECL604.3	Students will be able to improve the subjective quality of images in spatial domain and frequency domain.
ECL604.4	Students will be able to analyze and interpret the images for machine vision.
ECL604.5	Students will be able to choose appropriate filter to remove the noise.
ECL604.6	Students will be able to design filters for image processing and machine vision.

Course Name:	WN		
Course Code	ETC801		
Faculty Name:	Aparna M. Telgote		
Year	4	Sem	VIII

CO Number	Course Outcome
ETC801.1	Student will be able to understand characteristics of communication channel, radio access techniques and multi user detection and specifications of GSM/CDMA technologies.
ETC801.2	Student will be able to compare 2G, 3G and 4G network.
ETC801.3	Students will be able to understand and compare different emerging technologies like Bluetooth, zigbee, Wimax
ETC801.4	Students will be able to give details of sensor network architecture, traffic related protocols, transmission technology etc
ETC801.5	Students will be able to calculate capacity of cellular network of given area.
ETC801.6	Students will be able to evaluate link budget for GSM, CDMA, WCDMA, HSDPA Technologies.

Course Name:	SCN		
Course Code	ETC802		
Faculty Name:	GEJO G		
Year	4	Sem	VIII

CO Number	Course Outcome
ETC802.1	Students will be able to define every aspects of satellite communication system like orbital parameters, its mechanics, launching techniques used in the Satellite Communication and Network. (Remembering)
ETC802.2	Students will be able to explain the basic communication concepts of the Space Segment and Ground Segment used in Satellite Launching Mechanism. (Understanding)
ETC802.3	Students will be able to apply the knowledge of Satellite Orbits and Links to establish proper Uplink-Downlink to calculate various communication parameters. (Applying)
ETC802.4	Students will be able to analyze various performance parameters of Satellite communication and network. (Analyzing)
ETC802.5	Students will be able to compare various Earth Station technologies and Multiple Access Technique used in Satellite communication system and network. (Evaluation)
ETC802.6	Students will be able to see live traffic demonstrations and important Satellite Earth Station Equipments, various frequency bands used for communication at Satellite Earth Station, Yeur, Thane. And to write a technical Report on this Field Visit.

Course Name:	IVC		
Course Code	ETC803		
Faculty Name:	APARNAT		
Year	4	Sem	VIII

CO Number	Course Outcome
ETC803.1	Students will be able to define various terms related to the internet communication and voice transfer
ETC803.2	Students will be able to discuss the functions of the various protocols in use for internet and voice communication
ETC803.3	Students will be able to choose the specific protocols for a given application
ETC803.4	Students will be able to analyse different protocols used in internet communication
ETC803.5	Students will be able to design various networks and subnetworks used in internet communication according to specific applications

Course Name:	Speech Processing		
Course Code	ETE 801		
Faculty Name:	Pratibha Dumane		
Year	4	Sem	VIII

CO Number	Course Outcome
ETE 801.1	Students will be able to define the various terms related to speech production, speech processing and speech analysis.
ETE 801.2	Students will be able to discuss properties of speech signal, short time analysis in time, frequency and cepstrum domain and explain the various techniques used in speech processing, speech coding and their applications.
ETE 801.3	Students will be able to compute the pitch and formants of a speech signal using different digital signal processing methodologies.
ETE 801.4	Students will be able to compare the different techniques used in frequency domain, cepstral domain and the techniques used in the design of specified vocoders.
ETE 801.5	Students will be able to synthesize block diagrams for specified speech processing and analysis methods and applications taking into consideration different mathematical and perceptual measures required for processing of speech signals.

Course Name:	TNM		
Course Code	ETE802		
Faculty Name:	Poonam Chakraborty		
Year	4	Sem	VIII

CO Number	Course Outcome
ETE802.1	The students will be able to define the fundamental principles and technical underlying standards in : Telecommunication, Networking and Information Technologies.
ETE802.2	The students will be able to explain Communications Network Management Systems and their strengths and limitations.
ETE802.3	The students will be able to model networked informative systems and continuously improve their technological knowledge and communication skills.
ETE802.4	The students will be able to analyze operation and management of modern data communications networks.
ETE802.5	The students will be able to compare the way technological change and emerging technologies might alter the assumptions for the underlying architectures systems and management tools.
ETE802.6	The students will be able to propose the design of Network management model based on the case study.

Course Name:	WN-LAB		
Course Code	ETL801		
Faculty Name:	POONAM C		
Year	4	Sem	VIII

CO Number	Course Outcome
ETL801.1	Students will able to identify various hardware and software components required in the wireless networks.
ETL801.2	Students will able to demonstrate the configuration of WLAN, WPAN using packet Tracer
ETL801.3	Students will able to calculate the Qos parameter of wireless sensor network
ETL801.4	Students will able to apply uplink and downlink budget analysis for GSM, CDMA, WCDMA and HSPA Technologies
ETL801.5	Students will be able to create wired and wireless scenario using ns2 simulation
ETL801.6	Students will be able to design/write a report on a practical application on wireless network.

Course Name:	SCN-LAB		
Course Code	ETL802		
Faculty Name:	Gejo G		
Year	4	Sem	VIII

CO Number	Course Outcome
ETL802.1	Students will be able to understand the functions of basic satellite communication system practically.
ETL802.2	Students will be able to establish satellite communication link between transmitter and receiver with emulator.
ETL802.3	Students will be able to apply the concept of uplink and downlink frequencies in actual environment.
ETL802.4	Students will be able to calculate EIRP, Carrier to Noise Ratio and signal strength of the Satellite Receiver.
ETL802.5	Students will be able to analyze the type of link for transmission and reception for various modes of communication.

Course Name:	IVC -LAB		
Course Code	ETL803		
Faculty Name:	APARNA T		
Year	4	Sem	VIII

CO Number	Course Outcome
ETL803.1	Students will be able to use various softwares required for internet and voice communication.
ETL803.2	Students will be able to implement LANs using both static and dynamic addressing techniques including subnetting.
ETL803.3	Students will be able to configure various protocols like DHCP, DNS, SSH, Telnet, VoIP.
ETL803.4	Students will be able to demonstrate control congestion in TCP and UDP.
ETL803.5	Students will be able to disassemble, troubleshoot, upgrade, replace basic components and reassemble servers and client systems.

Course Name:	TNM-LAB		
Course Code	ETEL802		
Faculty Name:	Ms Poonam C		
Year	4	Sem	VIII

CO Number	Course Outcome
ETL 802.1	The students will be able to understand the basic tools used for network status and traffic monitoring and management.
ETL802.2	The students will be able to experiments with basic network status monitoring/routing tools using Linux Tool Line Commands and Packet Sniffer software / commands.
ETL802.3	The students will be able to build various network using Packet Tracer / OPNET. They will be able to audit the network using open source tools.
ETL802.4	The students will be able to analyze operation and management of CACTI, Icinga, Nagios servers and services for various application.
ETL802.5	The students will be able to implement SNMP Version 3 using packet Tracer and verify SNMP operations.
ETL802.6	he students will be able to select, grade and propose various commercial Network Management Tools like HPOpenView, OpManager, GFILanguard, IBM NMS.

Course Name:	SP Lab		
Course Code	ETL 801		
Faculty Name:	Ms Pratibha D		
Year	4	Sem	VIII

CO Number	Course Outcome
ETL 801.1	Students will be able to learn audio file handling using tools like Matlab, PRAAT.
ETL801.2	Students will be able to extract features like energy, zero crossing rate from a speech signal in the time domain.
ETL801.3	Students will be able to extract the pitch information from the spectrum and cepstrum of speech signals.
ETL802.4	Apply digital signal processing methodologies to solve speech processing problems.

Course Name:	PROJECT STAGE-II		
Course Code	ETP801		
Faculty Name:	Jithin Isaac		
Year	4	Sem	VIII

CO Number	Course Outcome
ETP801.1	Students will be able to convert the design into a Product/Model/Prototype and validate the results.
ETP801.2	Students will be able to execute the project plan and monitor progress and maintain deadlines.
ETP801.3	Students will be able to summarize the work in the form of technical documentation following ethical practices.