BRANCH:	ECE /B.Tech II			SESSION:	2022-23
COURSE:	B.TECH- ECE	YEAR:	II	SEMESTER:	III
SUBJECT:	Networks analysis and synthesis			SUBJECT CODE:	BEET-305

COURSE OUTCOMES (CO)

CO #	CO STATEMENT
BEET 305.1	Apply network topology concepts to the formulation and resolution of electrical network issues.
BEET 305.2	Determine the attributes and traits of network functions and confirm the mathematical limitations for their practical implementation.
BEET 305.3	Synthesize passive two-port networks filters using standard Foster and Cauer forms.
BEET 305.4	Apply the concept of Laplace and Fourier transforms in electrical network problems.
BEET 305.5	To analyze the behaviour of the circuit in different domains.

BRANCH:	ECE /B.Tech III			SESSION:	2022-23
COURSE:	B.TECH- ECE	YEAR:	III	SEMESTER:	V
SUBJECT:	Microprocessor and and Interfacing			SUBJECT CODE:	BECT-501

COURSE OUTCOMES (CO)

CO #	CO STATEMENT
BECT501.1	Apply microprocessor techniques to solve problems.
BECT501.2	Analyze 8086 microprocessor for a given problem.
BECT501.3	Examine 8085 and 8086 microprocessor using assembly language programs.
BECT501.4	Implement assembly language program in 8086 microprocessor.
BECT501.5	Design small circuits using 8051 microcontroller.

BRANCH:	ECE /B.Tech III			SESSION:	2022-23
COURSE:	B.TECH- ECE	YEAR:	III	SEMESTER:	V
SUBJECT:	Microprocessor and and Interfacing Lab			SUBJECT CODE:	BECP-501

COURSE OUTCOMES (CO)

CO #	CO STATEMENT
BECP 501.1	Analyze 8085 and 8086 kits used in writing programs of microprocesor.
BECP 501.2	Analyze addition of two 16 bit numbers using 8086 kit.
BECP 501.3	Examine multiplication and division of 16 bit numbers using 8085 and 8086 microprocessor.
BECP 501.4	Implement assembly language program in 8086 microprocessor.
BECP 501.5	Analyze interfacing of 8086 microprocessor with LED.

BRANCH:	ECE /B.Tech IV			SESSION:	2022-23
COURSE:	B.TECH- ECE	YEAR:	IV	SEMESTER:	VII
SUBJECT:	Digital Image Processing			SUBJECT CODE:	BECT-703(B)

COURSE OUTCOMES (CO)

CO #	CO STATEMENT
BECT703.1	Analyze steps used in Digital Image processing.
BECT703.2	Determine Histogram Processing and different types of filters used in image processing.
BECT703.3	Illustrate Filtering methods and morphological processing.
BECT703.4	Analyze Segmentation in point, line, and edge.
BECT703.5	Examine Video coding and video segmentation in Image Processing.

BRANCH:	ECE /B.Tech II			SESSION:	2022-23
COURSE:	B.TECH- ECE	YEAR:	II	SEMESTER:	III
SUBJECT:	VISI technology & Design			SUBJECT CODE:	BECT-503

COURSE OUTCOMES (CO)

CO #	CO STATEMENT
BECT 503.1	Apply the concept of VLSI technology to solve the problems.
BECT 503.2	Determine the IC abrication process.
BECT 503.3	Analyze the loiw power VLSI circuits.
BECT 503.4	Implement CMOS techniques to solve the problems
BECT 503.5	Design VLSI circuits using tools.

BRANCH:	ECE /B.Tech			SESSION:	2022-23
COURSE:	B.TECH- ECE	YEAR:	II	SEMESTER:	III

SUBJECT:	Electronics Devices	SUBJECT CODE:	BECT-304

COURSE OUTCOMES (CO)

CO #	CO STATEMENT
BECT 304.1	Illustrate various characterstics of a semiconductor
BECT 304.2	Apply the laws of semiconductor physics to solve the problems
BECT 304.3	Examine the various application of diode
BECT 304.4	Analyze various transistor configuration
BECT 304.5	Assess various parameter and characterstics of Field effect transistor

BRANCH:	ECE /B.Tech			SESSION:	2022-23
COURSE:	B.TECH- ECE	YEAR:	II	SEMESTER:	III
SUBJECT:	Electronics Devices Lab			SUBJECT CODE:	BECP-304

COURSE OUTCOMES (CO)

CO #	CO STATEMENT
BECP 304.1	Examine the various lab equipment and components needed in electronics
BECP 304.2	Conduct performance characterstics curve of various diode
BECP 304.3	Analyze the input and output characteristics and H parameter oF BJT
BECP 304.4	Identify Magnitude vs frequency curve and measure bandwidth in FET
BECP 304.5	Implement various electronics circuit in breadboard

BRANCH:	ECE /B.Tech II			SESSION:	2022-23
COURSE:	B.TECH	YEAR:	II	SEMESTER:	III
SUBJECT:	Electronic measurement & instrumantation			SUBJECT CODE:	BECT-302

COURSE OUTCOMES (CO)

CO #	CO STATEMENT
BECT302.1	Apply the performance characteristics of each instrument.
BECT302.2	Demonstrate basic meters such as voltmeters and ammeters and Distinguish various types of bridge based on qu
BECT302.3	Apply the complete knowledge of various electronics instruments/transducers to measure the physical quantities
BECT302.4	Compute the basic features of oscilloscope and distinguish between various types of oscilloscopes
BECT302.5	Evaluate the many kinds of signal analyzers

BRANCH:	ECE /B.Tech II			SESSION:	2022-23
COURSE:	B.TECH	YEAR:	II	SEMESTER:	III
SUBJECT:	Electronic measurement & instrumantation Lab			SUBJECT CODE:	BECP-302

COURSE OUTCOMES (CO)

CO #	CO STATEMENT
BECP302.1	Analyze the performance characteristics of each instrument.
BECP302.2	Demonstrate basic meters such as voltmeters and ammeters and Distinguish various types of bridge based on qu
BECP302.3	Apply transducers for the measurement of physical quantities like temperature, pressure, distance and displacem
BECP302.4	Compute the basic features of oscilloscope and distinguish between various types of oscilloscopes
BECP302.5	Categorize the many kinds of signal analyzers

BRANCH:	EEE /B.Tech II			SESSION:	2022-23
COURSE:	B.TECH	YEAR:	IV	SEMESTER:	VII
SUBJECT:	MICROWAVE ENGINEERING			SUBJECT CODE:	BECT-701

COURSE OUTCOMES (CO)

CO #	CO STATEMENT
BECT701.1	Analyze different active and passive microwave components.
BECT701.2	Demonstrate the propagation through waveguide and examine the power transmission losses.
BECT701.3	Apply the formulation and properties for procedure to measure different parameters like VSWR, impedance, frequ
BECT701.4	Classify the characteristics of different microwave devices for practical applications.
BECT701.5	Point out the principle of operation and its performance characteristics and application of microwave tubes.

BRANCH:	EEE /B.Tech II			SESSION:	2022-23
COURSE:	B.TECH	YEAR:	IV	SEMESTER:	VII
SUBJECT:	MICROWAVE ENGINEERING LAB			SUBJECT CODE:	BECP-701

COURSE OUTCOMES (CO)

CO #	CO STATEMENT
BECP701.1	Identify the working of microwave test bench and its different components.
BECP701.2	Examine different microwave parameters including guide wavelength, VSWR, unknown impedance and reflection
BECP701.3	Analyze the characteristics of Gunn diode and the output power obtained.
BECP701.4	Sketch the characteristics of simple microwave circuits like couplers, power dividers and hybrid ring.
BECP701.5	Analyze the square wave modulation of Microwave signal using PIN diode

BRANCH:	EEE /B.Tech II			SESSION:	2022-23
COURSE:	B.TECH	YEAR:	III	SEMESTER:	V

SUBJECT:	COMPUTER SYSTEM ORGANISATION			SUBJECT CODE:	BOEC 505(B)
COURSE OUTCOMES (CO)					
CO #	CO STATEMENT				
BOEC505B.1	Identify basic instructions sets to solve real life problems.				
BOEC505B.2	Classify different memory organization.				
BOEC505B.3	Understand the interfacing of external device with computer				
BOEC505B.4	Apply algorithms for ALU design.				
BOEC505B.5	Apply the knowledge of micro-operations to design modules of control unit.				
BRANCH:	ECE /B.Tech			SESSION:	2022-23
COURSE:	B.TECH- ECE	YEAR:	III	SEMESTER:	V
SUBJECT:	Electromagnetic Field Theory			SUBJECT CODE:	BECT-502
COURSE OUTCOMES (CO)					
CO #	CO STATEMENT				
BECT 502.1	Differentiate different field pattern of various modes in waveguides.				
BECT 502.2	Explain the effect of dielectric properties of material in transmission line				
BECT 502.3	Implement various types of transmission lines on microwave frequency.				
BECT 502.4	Implement various types of microwave devices like Coupler, power divider, filters etc.				
BECT 502.5	Analyze the VSWR, return loss, current distribution obtained from simulation.				
BRANCH:	ECE /B.Tech			SESSION:	2022-23
COURSE:	B.TECH- ECE	YEAR:	III	SEMESTER:	V
SUBJECT:	Electromagnetic Field Theory Lab			SUBJECT CODE:	BECP-502
COURSE OUTCOMES (CO)					
CO #	CO STATEMENT				
BECP 502.1	Understand the depth of static and time varying electromagnetic field as governed by Maxwell's				
BECP 502.2	Illustrate the applications of strokes and divergence theorem				
BECP 502.3	Examine the characteristics of guided waves betwwen parallel plane and rectangular waveguide				
BECP 502.4	Analyze uniform plane wave propagation in different medium				
BECP 502.5	Apply smith chart for solution of transmission line problems and impedance matching				
BRANCH:	EEE /B.Tech IV			SESSION:	2022-23
COURSE:	B.TECH- EEE	YEAR:	IV	SEMESTER:	VII
SUBJECT:	Artificial Neural Network			SUBJECT CODE:	BOEC 704 (C
COURSE OUTCOMES (CO)					
CO #	CO STATEMENT				
BOEC 704 (C	Demonstrate the basic concepts of neural networks.				
BOEC 704 (C	Apply various learning algorithms to train neural networks efficiently.				
BOEC 704 (C	Analyze the applicability of different learning techniques in various problem domains.				
BOEC 704 (C	Evaluate the performance and suitability of advanced neural network models.				
).5	Demonstrate the design and implementation of neural network architectures for practical applications				
BRANCH:	ECE			SESSION:	2022-23
COURSE:	B.TECH	YEAR:	II	SEMESTER:	III
SUBJECT:	Digital Electronics			SUBJECT CODE:	BECT-303
COURSE OUTCOMES (CO)					
CO #	CO STATEMENT				
BECT303.1	Comprehend and analyze digital logic circuit ,binary codes,number system and different types of minimization				
BECT303.2	Analyze the characteristics of logic families and semiconductor memories.Compare their performance in terms				
BECT303.3	Analyze digital systems for their performance, timing characteristics, and hazards.				
BECT303.4	Design & implement combinational logic circuits for specific functions, such as adders, subtractors,				
BECT303.5	Design & implement sequential logic circuits, including flip-flops, counters, registers, and state machines.				
BRANCH:	ECE			SESSION:	2022-23
COURSE:	B.TECH	YEAR:	II	SEMESTER:	III
SUBJECT:	Digital Electronics Lab			SUBJECT CODE:	BECP-303
COURSE OUTCOMES (CO)					
CO #	CO STATEMENT				
BECP303.1	Apply the basics of digital electronics.				
BECP303.2	Verify the truth table of different logic gates using				
BECP303.3	Design combinational logic circuits using hardware & software.				
BECP303.4	Design sequential logic circuits using hardware & software.				
BECP303.5	Acquire skills of team work, technical communication and effective report				
BRANCH:	ECE /B.Tech III			SESSION:	2022-23
COURSE:	B.TECH- ECE	YEAR:	III	SEMESTER:	V
SUBJECT:	Data Communication network			SUBJECT CODE:	BECT-504(B)
COURSE OUTCOMES (CO)					
CO #	CO STATEMENT				

BECT504.1	Understanding of fundamental networking concepts, including protocols, architectures, topologies, and technologies.
BECT504.2	Design and implement computer networks, considering factors such as scalability, performance, security, and reliability.
BECT504.3	Configure and manage network devices such as routers, switches, firewalls, and access points to support network communication effectively.
BECT504.4	Analyze issues of routing and congestion mechanism for independent and internetworking networks for wired and wireless link.
BECT504.5	Analyze internal workings of the Internet and of a number of common Internet applications and protocols(DNS, SMTP, FTP, HTTP, WWW, Security and network LAN)

BRANCH:	ECE /B.Tech VII			SESSION:	2022-23
COURSE:	B.TECH- ECE	YEAR:	VII	SEMESTER:	VII
SUBJECT:	Optical Fiber Communication			SUBJECT CODE:	BECT-702

COURSE OUTCOMES (CO)

CO #	CO STATEMENT
BECT702.1	Understanding of the basic principles of optical fiber communication, including light propagation, total internal re
BECT702.2	Illustrate the operation and working of Optical sources (LED and LASER) and detectors (PIN and Avalanche Photo
BECT702.3	Integrate knowledge of optical communication systems to analyze the optical receivers structure and performance.
BECT702.4	Analyze the channel impairments: losses and dispersion.
BECT702.5	Design and analyze optical fiber networks for various applications, considering factors such as network topology, signal loss, dispersion, and noise.

BRANCH:	ECE /B.Tech VII			SESSION:	2022-23
COURSE:	B.TECH- ECE	YEAR:	VII	SEMESTER:	VII
SUBJECT:	OFC LAB			SUBJECT CODE:	BECP-702

COURSE OUTCOMES (CO)

CO #	CO STATEMENT
BECP702.1	Ability to characterize optical fibers in terms of parameters such as core diameter, numerical aperture, attenuation coefficient, and dispersion characteristics.
BECP702.2	Understanding the operation and characteristics of optical sources (such as light-emitting diodes (LEDs) and laser diodes) and detectors (such as photodiodes) used in fiber optic communication systems.
BECP702.3	Familiarity with techniques for measuring optical power, attenuation, and dispersion in optical fibers.
BECP702.4	Assessing the performance of optical networks in terms of capacity, latency, and reliability under different operating conditions and configurations.
BECP702.5	Analyzing the impact of noise sources (such as shot noise and thermal noise) and fiber impairments on the performance of optical communication systems, including bit error rate (BER) analysis.

BRANCH:	ECE /B.Tech III			SESSION:	2022-23
COURSE:	B.TECH- ECE	YEAR:	III	SEMESTER:	V
SUBJECT:	VLSI LAB			SUBJECT CODE:	BECP-503

COURSE OUTCOMES (CO)

CO #	CO STATEMENT
BECP503.1	
BECP503.2	
BECP503.3	Analyze various amplifiers using simulation tools.
BECP503.4	Simulate memories using simulation tools .
BECP503.5	Acquire skills of team work, technical communication and effective report writing.

BRANCH:	ECE /B.Tech 5TH			ESSION:2022-2	2022-23
COURSE:	B.TECH	YEAR:	3RD	SEMESTER:5th	I
SUBJECT:	SIMULATION SOFTWARE LAB			SUBJECT CODE:	BECP-506

COURSE OUTCOMES (CO)

CO #	CO STATEMENT
BECP506.1	Acquire a thorough understanding of the several types of simulation methods utilized in electrical Engineering,
BECP506.2	Apply forecast performance outcomes, assess system behavior, and model electrical circuits by using Simulation lab.
BECP506.3	Categorize simulation techniques to solve real-world engineering problems encountered in electrical Systems.
BECP506.4	Analyze simulation models to experimental results or theoretical predictions.
BECP506.5	Acquire skills of team work, technical communication and effective report writing.

BRANCH:	/B.Tech 7TH			SESSION:2022-23	2022-23
COURSE:	B.TECH	YEAR:	4	SEMESTER:	7th
SUBJECT:	TUAL LAB			SUBJECT CODE: BECP-705	BECP-705

COURSE OUTCOMES (CO)

CO #	CO STATEMENT
BECP705.1	Implement their understanding of theoretical Concepts on practical setups.
BECP705.2	Conduct virtual experiments, which include assembling apparatus, gathering information, and interpreting finding
BECP705.3	Navigate the difficulties and uncertainties that come with conducting experiments.
BECP705.4	Virtual labs provide opportunities for collaborative learning and teamwork as students interact
BECP705.5	Acquire skills of team work, technical communication and effective report writing.

BRANCH:	ECE /B.Tech II			SESSION:	2022-23
COURSE:	B.TECH- ECE	YEAR:	II	SEMESTER:	IV
SUBJECT:	Analog Communication Lab			SUBJECT CODE:	BECP-403

COURSE OUTCOMES (CO)

CO #	CO STATEMENT
BECP403.1	Apply the fundamentals to explain the functionality of modulation and
BECP403.2	Analyze the concepts, write and simulate the concepts of AM and AM Demodulation
BECP403.3	Examine FM and FM-Demodulation process in communication
BECP403.4	Implement the AM and FM functionalities.
BECP403.5	Design the simulation environments in PAM, PWM, PPM and verification of circuit

BRANCH:	ECE /B.Tech III			SESSION:	2022-23
COURSE:	B.TECH- ECE	YEAR:	III	SEMESTER:	VI
SUBJECT:	Antenna And Wave Propagation			SUBJECT CODE:	BECT- 602

COURSE OUTCOMES (CO)

CO #	CO STATEMENT
BECT602.1	Apply the knowledge on potential function of antenna.
BECT602.2	Determine different antenna parameters.
BECT602.3	Analyze types of Antenna used in electromagnetic field.
BECT602.4	Explain the concept of Aperture and slot antenna.
BECT602.5	Evaluate the radio wave propagation.

BRANCH:	ECE /B.Tech III			SESSION:	2022-23
COURSE:	B.TECH- ECE	YEAR:	III	SEMESTER:	VI
SUBJECT:	Antenna And Wave Propagation lab			SUBJECT CODE:	BECP- 602

COURSE OUTCOMES (CO)

CO #	CO STATEMENT
BECP602.1	Apply the antenna knowledge to write a program to plot the radiation pattern of Dipole Antenna in Matlab.
BECP602.2	Apply the antenna knowledge to write a program to plot radiation pattern of Monopole antenna in Matlab.
BECP602.3	Apply the antenna knowledge to write a program to plot radiation pattern of Loop antenna in Matlab.
BECP602.4	Apply the antenna knowledge to write a Program to plot radiation pattern of Linear array antenna in Matlab.
BECP602.5	Apply the antenna knowledge to write a Program to plot radiation pattern of Circular array antenna in Matlab.

BRANCH:	ECE /B.Tech IV			SESSION:	2022-23
COURSE:	B.TECH- ECE	YEAR:	IV	SEMESTER:	VIII
SUBJECT:	Telecommunication And Switching Network			SUBJECT CODE:	BECT- 803©

COURSE OUTCOMES (CO)

CO #	CO STATEMENT
BECT803.1	Analyze Switching, Signaling and traffic in the context oftelecommunication network.
BECT803.2	Determine the switching Functions.
BECT803.3	Analyze signaling, packet switching and network □
BECT803.4	Design and analyze multistage switching systems□
BECT803.5	Calculate the electronic switching system problems

BRANCH:	EEE /B.Tech II			SESSION:	2022-23
COURSE:	B.TECH	YEAR:	IV	SEMESTER:	VIII
SUBJECT:	WIRELESS COMMUNICATION			SUBJECT CODE:	BECT-802

COURSE OUTCOMES (CO)

CO #	CO STATEMENT
BECT701.1	Analyze different wireless communications and cellular system scheme.
BECT701.2	Demonstrate the various multiple access scheme like CDMA TDMA FDMA etc.
BECT701.3	Apply the formulation and properties for procedure to measure Handoffs,Sectoring,swapping and traffic rates.
BECT701.4	Classify the equalizer and diversity techniques.
BECT701.5	Point out the existing and recent technologies(4g,5g).

BRANCH:	EEE /B.Tech II			SESSION:	2022-23
COURSE:	B.TECH	YEAR:	IV	SEMESTER:	VIII
SUBJECT:	WIRELESS COMMUNICATION LAB			SUBJECT CODE:	BECP-802

COURSE OUTCOMES (CO)

CO #	CO STATEMENT
BECP701.1	Identify the fundamental concept of antenna and describe the various parameters related to antenna
BECP701.2	Describe the recent developments of antenna in fields of wireless technologies
BECP701.3	Analyze the characteristics of Gunn diode and the output power obtained.
BECP701.4	Sketch the characteristics of simple microwave circuits like couplers, power dividers and hybrid ring.
BECP701.5	Analyze the square wave modulation of Microwave signal using PIN diode

BRANCH:	ECE /B.Tech II			SESSION:	2022-23
COURSE:	B.TECH	YEAR:	II	SEMESTER:	IV
SUBJECT:	ENERGY & ENVIRONMENT ENGINEERING			SUBJECT CODE:	BAST-401

COURSE OUTCOMES (CO)

CO #	CO STATEMENT
BAST-401.1	The objective of this paper is to introduce the fundamental processes, principles, and attributes of different ecosy
BAST-401.2	The applicability of conceptual models in understanding of complex biological systems, its importance,threats an
BAST-401.3	Overview of current energy scenario and energy resources of the world
BAST-401.4	Classify the relationships between energy, risk, societal safety and sustainable development
BAST-401.5	Analyze energy markets, resource economics and innovation.

BRANCH:	ECE/B.Tech II			SESSION:	2022-23
COURSE:	B.TECH	YEAR:	III	SEMESTER:	VI
SUBJECT:	CELLULAR & MOBILE COMMUNICATION			SUBJECT CODE:	BECT-604(B)

COURSE OUTCOMES (CO)

CO #	CO STATEMENT
BECT-604B.1	Analyze different wireless communications and cellular system scheme.
BECT-604B.2	Discuss the various multiple access scheme like CDMA TDMA FDMA etc.
BECT-604B.3	Analyze the formulation and properties for procedure to measure Handoffs,Sectoring,swapping and traffic rates.
BECT-604B.4	Classify the equalizer and diversity techniques.
BECT-604B.5	Compare the existing and recent technologies(4g,5g).

BRANCH:	ECE /B.Tech			SESSION:	2022-23
COURSE:	B.TECH- ECE	YEAR:	II	SEMESTER:	IV
SUBJECT:	Analog Circuits			SUBJECT CODE:	BECT-405

COURSE OUTCOMES (CO)

CO #	CO STATEMENT
BECT 405.1	Illustrate the concept of operational amplifier
BECT 405.2	Discuss different types of power amplifier
BECT 405.3	Understand Oscillators, Current Mirrors, and Multivibrators.
BECT 405.4	Examine the concept of diode, BJT and FET and their applications.
BECT 405.5	Analyze analog to digital converters, digital to analog converters, active filters and Schmitt triggers using operational amplifier.

BRANCH:	ECE /B.Tech			SESSION:	2022-23
COURSE:	B.TECH- ECE	YEAR:	II	SEMESTER:	IV
SUBJECT:	Analog Circuits Lab			SUBJECT CODE:	BECP-405

COURSE OUTCOMES (CO)

CO #	CO STATEMENT
BECP 405.1	Describe push pull amplifier & different configurations of feedback amplifier.
BECP 405.2	Illustrate series and shunt voltage regulator and calculate line regulation & ripple factor.
BECP 405.3	Implement adder, scalar & various filter circuits using operational amplifier.

BECP 405.4	Calculate frequency of different oscillator
BECT 405.5	Analyze frequency response of BJT & FET amplifiers

BRANCH:	EEE /B.Tech			SESSION:	2022-23
COURSE:	B.TECH- EEE	YEAR:	III	SEMESTER:	VI
SUBJECT:	Digital Signal Processing			SUBJECT CODE:	BECT-603

COURSE OUTCOMES (CO)

CO #	CO STATEMENT
BECT 603.1	Understand the concept of signals and systems along with frequency analysis
BECT 603.2	Explain the concept of multi rate signal processing.
BECT 603.3	Apply FFT Algorithm to compute DFT of discrete signals.
BECT 603.4	Illustrate the effect of finite register length in FIR digital filters.
BECT 603.5	Analyze the frequency characteristics of IIR and FIR digital filters for given requirements

BRANCH:	EEE /B.Tech			SESSION:	2022-23
COURSE:	B.TECH- EEE	YEAR:	III	SEMESTER:	VI
SUBJECT:	Digital Signal Processing Lab			SUBJECT CODE:	BECP-603

COURSE OUTCOMES (CO)

CO #	CO STATEMENT
BECP 603.1	Understand the mathematical operation on discrete signals.
BECP 603.2	Sketch the magnitude and phase response of DFT,Inverse DFT and FFT of descrete time signals
BECP 603.3	Calculate linear and Circular convolution of discrete sequences
BECP 603.4	Illustrate the effect of finite register length in FIR digital filters.
BECP 603.5	Analyze the frequency characteristics of IIR and FIR digital filters for given requirements

BRANCH:	ECE /B.Tech II			SESSION:	2022-23
COURSE:	B.TECH- ECE	YEAR:	II	SEMESTER:	IV
SUBJECT:	CONTROL SYSTEM			SUBJECT CODE:	BEET 404

COURSE OUTCOMES (CO)

CO #	CO STATEMENT
BEET 404.1	Categorize different types of system and identify a set of algebraic equations to represent and model a complicate
BEET 404.2	Apply standard test signals to a system to determine their characteristics.
BEET 404.3	Examine the system behaviour using various stability analysis techniques.
BEET 404.4	Analyze the stability of various linear time invariant systems using frequency response methods.
BEET 404.5	Identify the needs of different types of controllers and compensator to ascertain the required dynamic response fr

COURSE:	B.TECH- ECE	YEAR:	II	SEMESTER:	IV
SUBJECT:	CONTROL SYSTEM LAB			SUBJECT CODE:	BEEP 404

COURSE OUTCOMES (CO)

CO #	CO STATEMENT
BEEP 404.1	Apply the conversion of transfer functions to check the performance parameters in time domain for various inputs via MATLAB software.
BEEP 404.2	Test the performance characteristics and working of Magnetic amplifier, DC & AC servo motors and synchros.
BEEP 404.3	Analyze the system's stability with different methods of time & frequency domain using MATLAB software.
BEEP 404.4	Design controllers for continuous process control and tuning of 'temperature, level and pressure based' control systems.
BEEP 404.5	Analyze the performance of control systems with different controllers / compensators.