BRANCI		EEE /B.Tech II		SESSION:	2022-23
COURSI SUBJEC		YEAR: Networks analysis and synthesis	II S	SEMESTER: UBJECT CODE:	III BEET-305
	<u>'</u>		UTCOMES (CO)		
CO #			<u>CO STATEMENT</u>		
DEEDE 20.5.4	11.7	rmulation and resolution of electrical network issues			
1	Determine the attributes and traits of networks filter	ork functions and confirm the mathematical limitation	ns for their practical implementation.		
	1 1	-			
1	Apply the concept of Laplace and Fourier to analyze the behaviour of the circuit in contract.	•			
BEET 305.5		EEE /B.Tech II		SESSION:	2022-23
COURSE	E: B.TECH- EEE	YEAR:	II	SEMESTER:	III
SUBJEC	T:	Programming Practices	UTCOMES (CO)	UBJECT CODE:	BEEP 306
CO#		COURSE	CO STATEMENT		
BEEP 306.1	Demonstrate proficiency in utilizing MA	ATLAB for solving mathematical and engineering	problems through programming ex	xercises and projects.	
BEEP 306.2	Apply a comprehensive understanding	of MATLAB's syntax, data types, functions, and	built-in libraries to independently e	explore and manipulate data	and algorithms.
BEEP 306.3	Develop problem-solving skills by apply	ying MATLAB such as signal processing and ma	athematical modeling.		
BEEP 306.4	Utilize MATLAB as a tool for data analy	ysis and simulation in various disciplines such a	s engineering, science and technol	ogy.	
BEEP 306.5	Transfer skills acquired in MATLAB to	learn and adapt to other programming language	s and environments, fostering lifeld	ong learning and versatility in	software development.
BRANCI	H:	EEE /B.Tech III		SESSION:	2022-23
COURSI SUBJEC		YEAR: Applied Instrumentation	III S	SEMESTER: UBJECT CODE:	V BEET 503(B)
CO#		COURSE O	UTCOMES (CO) CO STATEMENT	"	
			COSTATEMENT		
BEE 1 503.1	Demonstrate understanding of basic se	ensor characteristics, including principles of ope	ration, sensitivity, accuracy, and re	sponse time.	
		ensor characteristics, including principles of ope	•	•	
BEET 503.2	Classify various types of sensors and a		nd applications across different indu	ustries.	
BEET 503.2 (Classify various types of sensors and a	actuators based on their principles, functions, ar	nd applications across different indu	ustries. asurement and control.	
BEET 503.2 (BEET 503.3 /	Classify various types of sensors and a Apply mathematical equations relevant Apply mathematical equations relevant	actuators based on their principles, functions, are to temperature sensors to analyze and solve problet to pressure sensors to analyze and solve problet.	nd applications across different indured in the roblems related to temperature measurements related to pressure measurements.	asurement and control.	ation
BEET 503.2 (BEET 503.3 /	Classify various types of sensors and a Apply mathematical equations relevant Apply mathematical equations relevant Apply mathematical equations relevant	actuators based on their principles, functions, ar	nd applications across different indured in the roblems related to temperature measurements related to pressure measurements.	asurement and control.	ation. 2022-23
BEET 503.3 / BEET 503.4 / BEET 503.5 /	Classify various types of sensors and a Apply mathematical equations relevant Apply mathematical equations relevant Apply mathematical equations relevant H:	t to level sensors and display devices to analyze to level sensors and display devices to analyze EEE /B.Tech III	nd applications across different indured in the roblems related to temperature measurements related to pressure measurements.	ustries. asurement and control. nent and control. el measurement and visualiz	
BEET 503.2 / BEET 503.4 / BEET 503.5 / BRANCE	Classify various types of sensors and a Apply mathematical equations relevant Apply mathematical equations relevant Apply mathematical equations relevant H: B.TECH- EEE	t to temperature sensors to analyze and solve problet to level sensors and display devices to analyze EEE /B.Tech III	nd applications across different industroblems related to temperature measurem ems related to pressure measurem e and solve problems related to leve	ustries. asurement and control. ment and control. el measurement and visualizations.	2022-23
BEET 503.2 (BEET 503.3 / BEET 503.4 / BEET 503.5 / BRANCE COURSE	Classify various types of sensors and a Apply mathematical equations relevant Apply mathematical equations relevant Apply mathematical equations relevant H: B.TECH- EEE	actuators based on their principles, functions, are to temperature sensors to analyze and solve problet to pressure sensors to analyze and solve problet to level sensors and display devices to analyze EEE /B.Tech III YEAR:	and applications across different indurations related to temperature measurements related to pressure measurements and solve problems related to lever the company of the c	asurement and control. ment and control. el measurement and visualization SESSION: SEMESTER:	2022-23 V
BEET 503.2 (BEET 503.3 / BEET 503.4 / BEET 503.5 / BRANCH COURSE SUBJEC	Classify various types of sensors and a Apply mathematical equations relevant Apply mathematical equations relevant Apply mathematical equations relevant H: B.TECH-EEE	actuators based on their principles, functions, are to temperature sensors to analyze and solve problet to pressure sensors to analyze and solve problet to level sensors and display devices to analyze EEE /B.Tech III YEAR: Industrial Interaction COURSE O	and applications across different industrial applications across different industrial applications across different industrial applications across different industrial applications related to the tensor of the control of the contro	asurement and control. ment and control. el measurement and visualization SESSION: SEMESTER:	2022-23 V
BEET 503.2 (BEET 503.3 / BEET 503.4 / BEET 503.5 / BRANCE COURSE SUBJEC CO# BENP-506.1 [Classify various types of sensors and a Apply mathematical equations relevant Apply mathematical equations relevant Apply mathematical equations relevant H: B. B.TECH- EEE	actuators based on their principles, functions, are to temperature sensors to analyze and solve problet to pressure sensors to analyze and solve problet to level sensors and display devices to analyze EEE /B.Tech III YEAR: Industrial Interaction COURSE Of electrical engineering through problem identifice	and applications across different industroblems related to temperature measurements related to pressure measurements and solve problems related to level III SUTCOMES (CO) CO STATEMENT cation, formulation and solution.	asurement and control. ment and control. ment and control. measurement and visualization session: semester: ubject code:	2022-23 V
BEET 503.2 (BEET 503.3 / BEET 503.4 / BEET 503.5 / BRANCH COURSI SUBJEC CO # BENP-506.1 [BENP-506.2 [Classify various types of sensors and a Apply mathematical equations relevant Apply mathematical equations relevant Apply mathematical equations relevant H: B.TECH-EEE T: Demonstrate competency in the field of Develop the ability to work as an individual approximation.	actuators based on their principles, functions, are to temperature sensors to analyze and solve problem to pressure sensors to analyze and solve problem to level sensors and display devices to analyze EEE /B.Tech III YEAR: Industrial Interaction COURSE Of the electrical engineering through problem identified dual and in group with the capacity to be a leaded	and applications across different industroblems related to temperature measurements and solve problems related to level proble	asurement and control. ent and control. el measurement and visualization SESSION: SEMESTER: UBJECT CODE: The team member.	2022-23 V
BEET 503.2 (BEET 503.3 / BEET 503.4 / BEET 503.5 / BRANCE COURSE SUBJEC CO# BENP-506.1 [BENP-506.2 [BENP-506.3 /	Classify various types of sensors and a Apply mathematical equations relevant Apply mathematical equations relevant Apply mathematical equations relevant H: B. B.TECH- EEE T: Demonstrate competency in the field of Develop the ability to work as an individe Apply theoretical knowledge gained in the sensor and a sensor a sensor and a sensor	actuators based on their principles, functions, are to temperature sensors to analyze and solve problet to pressure sensors to analyze and solve problet to level sensors and display devices to analyze EEE /B.Tech III YEAR: Industrial Interaction COURSE Of electrical engineering through problem identifice	roblems related to temperature measurem eand solve problems related to level and solve problems related to level lill SUTCOMES (CO) CO STATEMENT cation, formulation and solution. er or manager as well as an effective fostering a deeper understanding of the state of the stat	asurement and control. ent and control. el measurement and visualizations. SEMESTER: UBJECT CODE: Te team member. of practical applications.	2022-23 V

		a report based on the experience an		<u> </u>		
BRANG			EEE /B.Tech IV		SESSION:	2022-23
SUBJE		B.TECH- EEE	YEAR: Switchgear and protection	IV	SEMESTER: SUBJECT CODE:	VII BEET- 701
SUBJE	:C1:			E OUTCOMES (CO)	SUBJECT CODE:	BEE1- 701
CO#			555/K	CO STATEMENT		
BEET-701.1	Explain the	e various faults and protective scher	mes in the Power systems			
BEET-701.2	Summariz	e the operation of various protection	relays in the power systems			
			tection in the power protection syste	em.		
BEET_701 /	Identify an	d classify circuit breakers based on	design, operating mechanisms, and	I testing procedures using both	direct and indirect methods	
			mers and understand the principles			
BRANC			EEE /B.Tech IV	•	SESSION:	2022-23
COUR		B.TECH- EEE	YEAR:	IV	SEMESTER:	VII
SUBJE	CT:		Switchgear and protection lab	E OUTCOMES (CO)	SUBJECT CODE:	BEEP- 701
CO#			COURS	CO STATEMENT		
	Anglyzani	etaction requirements for different t	unas of algorization and sire			
		<u> </u>	ypes of electrical equipment and circ			
BEEP-701.2	Demonstra	<u>ate a comprehensive understanding</u>	of protection principles in electrical	<u>systems, including overcurrent</u>	<u>t, differential, and earth fault prote</u>	ection.
BEEP-701.3	Develop th	e ability to identify and troubleshoot	<u>common faults in switchgear syster</u>	ms, including short circuits, ins	sulation failures, and mechanical	malfunctions.
BEEP-701.4	Testing an	d commissioning various types of s	witchgear equipment, including circu	it breakers, relays, and busba	r systems, to ensure proper funct	ioning and reliability.
			relevant industry standards and reg	•		
					, , , , , , , , , , , , , , , , , , , ,	
BRANG	CH:		EEE /B.Tech		SESSION:	2022-23
COUR	SE:	B.TECH- EEE	YEAR:	II	SEMESTER:	IV
SUBJE	CT:		Signal & System	E OUTCOMES (CO)	SUBJECT CODE:	BECT-402
CO#				OO OTATEMENT		
				CO STATEMENT		
BECT 402 1	Understand	the basics of continuous time and discret	a time cianals and systems	COSTATEMENT		
BECT 402.1	Understand	the basics of continuous time and discrete	e time signals and systems.	COSTATEMENT		
		the basics of continuous time and discrete	e time signals and systems.	COSTATEMENT		
BECT 402.2	Explain state			COSTATEMENT		
BECT 402.2 BECT 402.3	Explain state	e space analysis of LTI system.	time signal	COSTATEMENT		
BECT 402.2 BECT 402.3 BECT 402.4	Explain state Comprehence Calculate Fo	e space analysis of LTI system.	time signal inuous and discrete time signals.	COSTATEMENT		
BECT 402.2 BECT 402.3 BECT 402.4	Explain state Comprehence Calculate For Analyze sign	e space analysis of LTI system. If the effects of sampling on a continuous ourier series and Fourier transform of cont	time signal inuous and discrete time signals.	COSTATEMENT	SESSION:	2022-23
BECT 402.2 BECT 402.3 BECT 402.4 BECT 402.5	Explain state Comprehence Calculate For Analyze sign CH:	e space analysis of LTI system. If the effects of sampling on a continuous ourier series and Fourier transform of cont	time signal inuous and discrete time signals. usality using Laplace and Z transforms	III	SESSION: SEMESTER:	2022-23 VI
BECT 402.2 BECT 402.3 BECT 402.4 BECT 402.5	Explain state Comprehence Calculate Fc Analyze sign CH: SE:	e space analysis of LTI system. If the effects of sampling on a continuous surier series and Fourier transform of control systems properties like stability and ca	time signal inuous and discrete time signals. usality using Laplace and Z transforms EEE /B.Tech			
BECT 402.2 BECT 402.3 BECT 402.4 BECT 402.5 BRANG COURS	Explain state Comprehence Calculate Fc Analyze sign CH: SE:	e space analysis of LTI system. If the effects of sampling on a continuous surier series and Fourier transform of control systems properties like stability and ca	time signal inuous and discrete time signals. usality using Laplace and Z transforms EEE /B.Tech YEAR: Digital Signal Processing		SEMESTER:	VI
BECT 402.2 BECT 402.3 BECT 402.4 BECT 402.5 BRANG COURS	Explain state Comprehence Calculate Fc Analyze sign CH: SE:	e space analysis of LTI system. If the effects of sampling on a continuous surier series and Fourier transform of control systems properties like stability and ca	time signal inuous and discrete time signals. usality using Laplace and Z transforms EEE /B.Tech YEAR: Digital Signal Processing	111	SEMESTER:	VI
BECT 402.2 BECT 402.3 BECT 402.4 BECT 402.5 BRANG COURS SUBJE CO #	Explain state Comprehence Calculate For Analyze sign CH: SE: CCT:	e space analysis of LTI system. If the effects of sampling on a continuous surier series and Fourier transform of control systems properties like stability and ca	time signal inuous and discrete time signals. usality using Laplace and Z transforms EEE /B.Tech YEAR: Digital Signal Processing COURS	III DE OUTCOMES (CO)	SEMESTER:	VI

BECT 603.3 Apply FFT Algorithm	n to compute DFT of discrete signals.					
	of finite register length in FIR digital filters.					
BECT 603.5 Analyze the frequen	ncy characteristics of IIR and FIR digital filters	s for given requirements				
BRANCH:		EEE /B.Tech			SESSION:	2022-23
COURSE:	B.TECH- EEE	YEAR:	III		SEMESTER:	VI
SUBJECT:	Digital S	ignal Processing Lab		SU	IBJECT CODE:	BECP-603
		COU	RSE OUTCOMES (CO)			
CO#	thomatical appretion on discrete circula		CO STATEMENT			
	thematical operation on discrete signals. de and phase response of DFT,Inverse DFT	and FFT of descrete time si	ignals			
	d Circular convolution of discrete sequences	<u></u>	gridio			
BECP 603.4 Illustrate the effect	of finite register length in FIR digital filters.					
BECP 603.5 Analyze the frequen	ncy characteristics of IIR and FIR digital filters	for given requirements	-			
BRANCH:		EEE /B.Tech IV			SESSION:	2022-23
COURSE:	B.TECH- EEE	YEAR:	IV	1	SEMESTER:	VIII
SUBJECT:	Advan	ce control Systems		SU	IBJECT CODE:	BEET- 801
		COU	RSE OUTCOMES (CO)			
CO#			CO STATEMENT			
BEET-801.1 Analyzing nonlin	ear system dynamics, visualizing phas	e portraits, and interpret	ting describing functions.			
BEET-801.2 Applying Lyapur	ov stability theory to analyze system s	tability, designing optima	al control strategies, and optimiz	ing system	performance.	
BEET-801.3 Formulating disc	rete-time models, understanding differ	ence equations, state-sp	pace representation, and z-trans	form techni	ques.	
BEET-801.4 Evaluating trans	ient and steady-state responses, asses	ssing system stability, ar	nd analyzing sensitivity of linear	control syst	ems.	
BEET-801.5 Designing state	feedback controllers, placing poles for	desired system behavior	r, implementing state observers	, and desigr	ning output feedback o	ontrollers for improved system performance.
BRANCH:		EEE /B.Tech IV			SESSION:	2022-23
COURSE:	B.TECH- EEE	YEAR:	IV		SEMESTER:	VIII
SUBJECT:	Advance	control Systems LAB		SU	BJECT CODE:	BEEP- 801
		COU	RSE OUTCOMES (CO)			
CO #			CO STATEMENT			
BEEP-801.1 Model and analy	ze a control system in the form of trans	sfer function, in MATLAE	B, considering it's zeros, poles a	nd gain.		
			-			bility of open loop as well as closed loop control
						ssing the system stability and control action.
	<u> </u>	•	<u> </u>			order to enhance the system response and sta
BEEP-801.5 Design P, Pl as	well as PID controllers for continuous p	process control and tunin	ng of 'temperature, level and pre	ssure base	d' closed loop control :	systems. I
BRANCH:		EEE /B.Tech III			SESSION:	2022-23

COURSE:	B.TECH- EEE	YEAR:	III	SEMESTER:	VI
SUBJECT:	N	linor Project I		SUBJECT CODE:	BEEP-607
		CO	URSE OUTCOMES (CO)		
CO#			CO STATEMENT		
BEEP-607.1 Develop a	structured thought process for preparing and	delivering presentatio	ns effectively.		
BEEP-607.2 Enhance	language proficiency and communication skill	s to convey ideas clea	rly and effectively.		
BEEP-607.3 Foster an	understanding of diverse viewpoints, promoti	ng collaboration and te	eamwork.		
BEEP-607.4 Research	ing and staying informed about emerging tech	nologies, regulations,	and innovations to adapt and res	pond to industry changes effective	ely.
BEEP-607.5 Cultivate	critical thinking skills and problem-solving abil	ties to address challer	nges in power systems engineerir	ng.	
BRANCH:		EEE /B.Tech IV		SESSION:	2022-23
COURSE:	B.TECH- EEE	YEAR:	IV	SEMESTER:	VIII
SUBJECT:	Electric Dr	ives & its Applications		SUBJECT CODE:	BEET 802
		CO	URSE OUTCOMES (CO)		
CO#			CO STATEMENT		
BEET 802.1 Differentia	te electric drives systems based on nature of load	s, control objectives, per	formance and reliability.		
BEET 802.2 Analyze los	ad characteristics, torque-speed requirements, du	ty cycles, and environme	ental conditions to select suitable mo	otors and drives.	
BEET 802.3 Illustrate th	ne concept of braking to distinguish types of mach	nes in electric drives			
BEET 802.4 Develop ca	apability to choose a suitable electrical machine a	nd Power Electronic Con	overter involving load estimation and	load cycle consideration.	
BEET 802.5 Design the	frequency controlled converters used motor drive	s utilising phase controll	led converters.		
BRANCH:		EEE /B.Tech III		SESSION:	2022-23
COURSE:	B.TECH- EEE	YEAR:	III	SEMESTER:	VI
SUBJECT:	POWE	R ELECTRONICS	LIBOE OLITOOMES (OO)	SUBJECT CODE:	BEET 601
CO#		CO	URSE OUTCOMES (CO) CO STATEMENT		
	c semiconductor physics to properties of power de	vices, and combine circ		of linear and non linear devices. App	ly the laws of electrical heating in various industrial a
BEET 601.2 Compare	performance of various power semiconductor devi	ces, passive component	ts and switching circuits.	•	
BEET 601.3 Analyze po	ower converter circuits and learn to select suitable	power electronic device	s by assessing the requirements of a	application fields	
	typical alternative solutions,using suitable power of		7 11	paratus	
BEET 601.5 Design red	tifiers, inverters, choppers, and cycloconverters b	ased on given specificat	ions and requirements.		
BRANCH:		EEE /B.Tech II		SESSION:	2022-23
COURSE:	B.TECH- EEE	YEAR:	II	SEMESTER:	IV
SUBJECT:	col	TROL SYSTEM		SUBJECT CODE:	BEET 405

			COU	RSE OUTCOMES (CO)			
CO#				CO STATEMENT			
BEET 405.1	Categorize diffe	rent types of system and identify a set of al	gebraic equations to represe	ent and model a complicated syste	m into a more simplified form		
BEET 405.2	Apply standard	test signals to a system to determine their o	characteristics.				
BEET 405.3	Examine the sys	stem behaviour using various stability analy	sis techniques.				
BEET 405.4	Analyze the stat	bility of various linear time invariant systems	s using frequency response	methods.			
BEET 405.5	Identify the need	ds of different types of controllers and comp	pensator to ascertain the rec	quired dynamic response from the s	system.		
BRANG			EEE /B.Tech IV		SESSION:	2022-23	
COUR	SE:	B.TECH- EEE	YEAR:	IV	SEMESTER:	VIII	
SUBJE	ECT:	Electric Dri	ves & its Applications Lab		SUBJECT CODE:	BEEP 802	
			COU	RSE OUTCOMES (CO)			
CO#				CO STATEMENT			
BEEP 802.1	Analyze the four	quadrant operation of motor drives.					
BEEP 802.2	Examine the op	eration of three phase fully and half controll	ed converters for different ty	ypes of loads experimentally.			
BEEP 802.3	Develop testing	and experimental procedures applying bas	ic knowledge in electronics,	electrical circuit analysis, electrica	machines and microprocessors,		
BEEP 802.4	Illustrate operati	on and analysis of different converters with	reference to control strateg	ly.			
		formance characteristics of electrical mach			1		
COUR		B.TECH- EEE	EEE /B.Tech III YEAR:	III	SESSION: SEMESTER:	2022-23 VI	
SUBJE			R ELECTRONICS LAB	III.	SUBJECT CODE:	BEEP 601	
	,		COU	RSE OUTCOMES (CO)			
CO #	Analyza the new	ver abaracteristics of verious comissandusts	r dovigeo	CO STATEMENT			
-		ver characteristics of various semiconductor rformance of AC-AC converter with various					
		ontrast various power semiconductor device		tions.			
BEEP 601.4	Analyze phase of	controlled converter circuit with different loa	d conditions.				
BEEP 601.5	Construct powe	r semiconductor circuits for industrial applic	ations.				
BRANG	CH:		EEE /B.Tech		SESSION:	2022-23	
COUR	SE:	B.TECH	YEAR: 2	EEE	SEMESTER:	4	
SUBJE	ECT:	Ele	ctrical Machine- 1		SUBJECT CODE:	BEET-402	
00 "			COU	RSE OUTCOMES (CO)			
CO # BEET402.1	Analyse theory	atically the performance characteristics	for different electrical ma	CO STATEMENT			
BEET402.1		etically, the performance characteristics esting of different electrical machines so			ions		
BEET402.2		-		<u> </u>	ions.		
	BEET402.3 Illustrate the constructional details and principle of operation of DC & AC machines.						

BEET402.4	Apply the I	knowledge about starting and speed control, t	esting and applications	of dc motors.		
BEET402.5	Illustrate th	ne construction, operation, and characteristics	of commonly used dc i	machines.		
BRAN	CH:		EEE /B.Tech		SESSION:	2022-23
COUR	SE:	B.TECH	YEAR: 2	EEE	SEMESTER:	4
SUBJE	CT:	Elec	rical Machine- II		SUBJECT CODE:	BEET-402
			COU	RSE OUTCOMES (CO)		
CO#				CO STATEMENT		
BEEP402.1	Developing	the skill of operating different electrical mac	hines and its control tec	hniques		
BEEP402.2	Performing	different tests on various DC & AC machine	S			
BEEP402.3	Acquiring ι	understanding of DC & AC machine paramete	ers.			
BEEP402.4	Determine	the parameters of equivalent circuit of single	phase transformer and	three phase transformer. performa	ince	
BEEP402.5	Providing a	a foundational understanding of electrical nun	nbers and practical expe	ertise for DC circuit analysis		
BRANG	CH:		EEE /B.Tech III		SESSION:	2022-23
COUR	SE:	B.TECH- EEE	YEAR:	III	SEMESTER:	VI
SUBJE	CT:	Energy M	anagement & SCADA		SUBJECT CODE:	BEET-605 (C)
			COU	RSE OUTCOMES (CO)		
CO#				CO STATEMENT		
(C).1		principles of PLC, DCS, and SCADA to indus				
(C).2 (C).3		 hardware and software requirements of SCA understanding of DC & AC machine paramete 				
(C).4		ne safety-instrumented systems as per safety				
(C).5	1	ate the SCADA principle in various application				
BRANG		the the CONDA Philospie in various application	EEE /B.Tech VI		SESSION:	2022-23
COUR		B.TECH- EEE	YEAR:	IV	SEMESTER:	VIII
SUBJE			ical Instrumentation		SUBJECT CODE:	BEET 803 (B)
00202	.011	Bio mou		RSE OUTCOMES (CO)	0020201 0022.	BEE1 000 (B)
CO#			000.	CO STATEMENT		
703(B).1	Identify the	e biological system's physiology.				
703(B).2		hysiological and medical data.				
703(B).3	1	eir knowledge on the use of electronics in the	field of therapy and dia	agnosis.		
703(B).4	<u> </u>	he applications and setup of sensors in the m				
703(B).5		CG and EEG design parameters.				
BRAN		S C and D D doorgin paramotoro.	EEE		SESSION:	2022-23
COUR		B.TECH	YEAR:	II	SEMESTER:	IV
SUBJE			ital Electronics		SUBJECT CODE:	BECT-401
				RSE OUTCOMES (CO)		
CO#				CO STATEMENT		

BECT401.1	Comprehend and analyze digital logic circuit ,binary codes,number system and different types of mi	nimization methods.			
BECT401.2	Analyze the characteristics of logic families and semiconductor memories.Compare their performance in terms of performance metric				
BECT401.3	Analyze digital systems for their performance, timing characteristics, and hazards.				
BECT401.4	Design & implement combinational logic circuits for specific functions, such as adders, subtractors,	multiplexers, and decoders.			
BECT401.5	Design & implement sequential logic circuits, including flip-flops, counters, registers, and state mach	nines.			
SUBJECT:	Microprocessor & Embedded systems	SUBJECT CODE:	BECT 602		
CO#					
BECT 602.1	Apply microprocessor techniques to solve problems.				
BECT 602.2	Analyze 8086 microprocessor for a given problem.				
BECT 602.3	Examine 8085 and 8086 microprocessor using assembly language programs.				
BECT 602.4	Implement assembly language program in 8086 microprocessor.				
BECT 602.5	Analyze interfacing of 8086 microprocessor				