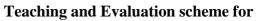


Curriculum Structure

For

Electronics & Telecommunication Engineering (Under Graduate Programme)

Academic Year 2019-20



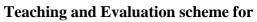
Second Year B. Tech. Program in Electronics & Telecommunication Engineering Semester-III

		Hı	r/We	ek		Evaluation Scheme			
Course Code	Course Name				Credits]	Marks	
Course Code	Course Maine	L	Т	P	Credits	Component	Max		n for ssing
						ISE-I	10		
UETC0301	Engineering	3	1			ISE-II	10		40
OE1C0301	Mathematics – III	3	1	-	4	MSE	30		40
						ESE	50	20	
						ISE-I	10		
LIETC0202	UETC0302 Analog Circuits –I	3	_		2	ISE-II	10		40
UE1C0302	Analog Circuits –1	3	-	-	3	MSE	30		40
						ESE	50	20	
						ISE-I	10		
LIETC0202	Digital System				3	ISE-II	10		40
UETC0303	,	3	-	-		MSE	30		
						ESE	50	20	
	Network Analysis					ISE-I	10		
115550004						ISE-II	10		40
UETC0304		3	1	-	4	MSE	30		40
						ESE	50	20	
						ISE-I	10		
	Electronics Inst.					ISE-II	10		
UETC0305	& Measurement	3	-	-	3	MSE	30		40
						ESE	50	20	
UETC0361	# Audit course - I	2				ESE	100	4	40
UETC0331	Analog Circuits –I –			2	1	ISE	50	,	20
	LAB	-	-	2	1	ESE-P.O.E	50	,	20
UETC0332	Disidal Cardana I AD					ISE	25		10
	Digital System- LAB	-	-	2	1	ESE-P.O.E	50	,	20
UETC0333	OODIAD	1		2	2	ISE	25		10
	OOP-LAB	1	-	2	2	ESE-P.O.E	50	,	20
UETC0334	Electronics Inst. & Measurement - LAB	-	-	2	1	ISE	50	<u> </u>	20
	Total	18	2	8	22	Total	800		-

Total Contact Hours/Week: 28Hrs

#Audit Course-I Environment Studies.







Second Year B. Tech. Program in Electronics & Telecommunication Engineering Semester-IV

		Hr/Week					EvaluationScheme					
									Mark	s		
Course Code	Course Name	L	Т	P	Credits		Component	Max		Ainfor assing		
							ISE-I	10				
UETC0401		_					ISE-II	10				
	Analog Circuits –II	3	-	-	3		MSE	30		40		
							ESE	50	20	=		
							ISE-I	10				
UETC0402	Linear Integrated						ISE-II	10		40		
	Circuits	3	-	-	3		MSE	30		40		
							ESE	50	20			
							ISE-I	10				
UETC0403	Electromagnetic	2	1				ISE-II	10		40		
	Engineering	3	1	-	4		MSE	30		40		
							ESE	50	20			
UETC0404	Analog and Digital Communication						ISE-I	10				
		4			4		ISE-II	10		40		
		4	-	-	4		MSE	30		40		
							ESE	50	20	1		
							ISE-I	10				
UETC0405	Data Campatonia	•		-		3 ISE-II 10		40				
	Data Structures	3	-		-	-	3		MSE	30		40
							ESE	50	20			
UETC0461	# Audit course - II	2					ESE	100	40			
UETC0431	Analog Circuits – II	_		2	1		ISE	25		10		
	Lab	1	1	2	1		ESE-POE	50		20		
UETC0432	Linear Integrated						ISE	25		10		
	Circuits - Lab	ı	ı	2	1		ESE-POE	50		20		
UETC0433	Analog and Digital						ISE	25		10		
	Communication - Lab	-	-	2	1		ESE-POE	50		20		
UETC0434	Data Structures -Lab	-	-	2	1		ISE	25		10		
UETC0441	Mini Project-I			2	1		ISE	50		20		
		18	1	10	22		Total	800				

Total Contact Hours/Week:29Hrs

Teaching and Evaluation scheme for



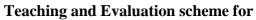
Third Year B. Tech. Program in Electronics & Telecommunication Engineering Semester-V

		Hr	/We	ek			Evaluation	n Scheme		
Course Code	Course Name				Credits		Marks			
	2 (0.2.2.0	L	T	P		Component	Max	Min for Passing		
						ISE-I	10			
UETC0501	Antenna and	3	-	_	3	ISE-II	10		40	
	Wave Propagation	3	-	_	3	MSE	30		40	
						ESE	50	20		
						ISE-I	10			
UETC0502		_				ISE-II	10		4.0	
	Control System	3	1	-	4	MSE	30		40	
						ESE	50	20		
						ISE-I	10			
UETC0503	Microcontroller	4			4	ISE-II	10		40	
	Microcontroller		-	-	4	MSE	30		40	
						ESE	50	20		
	Signals and Systems					ISE-I	10			
UETC0504		3	1	_	4	ISE-II	10		40	
			-		-	MSE	30 50	20		
						ESE ISE-I	10	20		
	Due anoma Elective					ISE-II	10			
UETC052x	Program Elective -I	3	-	-	3	MSE	30		40	
	-1					ESE	50	20		
UETC0561	# Audit course -III	2				ESE	100		40	
UETC0531	Antenna and Wave					ISE	25		10	
UEICUSSI	propagation - Lab	-	-	2	1	ESE-POE	50		20	
UETC0532	Microcontroller -					ISE	50		20	
	Lab	-	-	2	1	ESE-POE	50	20		
UETC0533	Programming Lab		2 1 ISE-TW 50		50	20				
UETC0541	Mini Project -II		-	2	1	ISE-TW	25		10	
0E1C0341	with Floject -II	_	_		1	ESE-POE	50		20	
	Total:	18	2	8	22	Total	800			

Total Contact Hours/Week: 28Hrs

#Audit Course-III Industrial Management

Program Elec	Program Elective I									
Course Code	Course Name									
UETC0521	Optical Fibre communication									
UETC0522	Operating System									
UETC0523	Multimedia Engineering.									





Third Year B. Tech. Program in Electronics & Telecommunication Engineering Semester-VI

		H	r/Wee	k			Eva	aluation So	cheme	
Course Code	Course Name				Credits		Component	Marks		
		L	T	P				Max	Min fo	r Passing
							ISE-I	10		
UETC0601	Embedded Systems						ISE-II	10	1	
		3	-	-	3		MSE	30]	40
							ESE	50	20	
							ISE-I	10		
UETC062x	Duo cuomo Eloctivo II	3	1				ISE-II	10		
	Program Elective -II	3	1	-	- 4		MSE	30		40
							ESE	50	20	
							ISE-I	10		
UETC0602	VI CI Docion	1			4		ISE-II	10]	
	VLSI Design	4	-	-	4		MSE	30]	40
							ESE	50	20	
	Digital Signal Processing						ISE-I	10		
UETC0603		3			2		ISE-II	10]	
		3		-	3		MSE	30]	40
							ESE	50	20	
							ISE-I	10		
UOEL061x	Open Elective-I	3	_	_	3		ISE-II	10		
	Open Elective-1	3	_	_	3		MSE	30		40
							ESE	50	20	
UETC0661	# Audit course -IV	2					ESE	100		40
UETC0631	VLSI Design - Lab	_	_	2	1		ISE	25		10
	VEST Design - Lao			2	1		ESE-P.O.E.	50		20
UETC0632	Embedded Systems						ISE	25		10
	Lab	-	-	2	1		ESE-P.O.E.	50		20
UETC0633	Electronics System			4	2		ISE	25		10
	Design - Lab	-	-	4	2		ESE-O.E.	50		20
UETC0634	Digital Signal	-		2	1		ISE	25		10
0E1C0034	Processing Lab			2	1		ESE-P.O.E.	50		20
	* Industrial Training (2 weeks)	-	-	-	-					
	Total	18	1	10	22		Total	800		

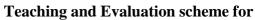
Total Contact Hours/Week: 29 Hrs

#Audit Course-IV (Engineering Economics).

^{*} Industrial Training of two weeks after semester VI report has to be submitted which shall be

	Program Elective II									
Course	Course Name									
Code										
UETC0621	Information Theory & coding									
UETC0622	Mechatronics									
UETC0623	Automotive Electronics									

	Open Elective I	
Course Code	Course Name	Offered by Department
UOEL0616	Basics of	Electronics & Telecommunication
	communication systems	Engineering
UOEL0617	Basics of Instrumentation	Electronics & Telecommunication Engineering





Final Year B. Tech. Program in Electronics & Telecommunication Engineering Semester-VII

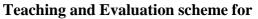
		H	r/Wee	ek		Ev	aluation	Scheme		
Course	C N				C 1:4			Marks		
Code	Course Name	L	T	P	Credits	Component	Max	Min fo	or Passing	
						ISE-I	10			
UETC0701						ISE-II	10		40	
	Power Electronics	3	-	-	3	MSE	30			
						ESE	50	20		
						ISE-I	10		40	
UOEL071x						ISE-II	10			
	Open Elective-II	3	-	-	3	MSE	30			
						ESE	50	20		
						ISE-I	10		40	
UETC0702	Digital TV &	3	-	_	3	ISE-II	10			
	Multimedia					MSE	30			
						ESE	50	20		
						ISE-I	10		40	
UETC0703	RF &Microwave Engineering	RF &Microwave	3	-	_	3	ISE-II	10		
						MSE	30			
	8 44 8					ESE	50	20	1.0	
	D 51					ISE-I	10		40	
UETC072x	Program Elective	3	1	-	4	ISE-II MSE	10 30			
	-III					ESE	50	20		
UETC0761	# Audit course -V	2				ESE	100		10	
CEICOTOI	Power Electronics	_				ISE	25		10	
UETC0731	- Lab	1	-	2	1	ESE-O.E.	50		10	
LIETECO722	Digital TV &					ISE	25		10	
UETC0732	Multimedia - Lab	-	-	2	1	ESE-OE	50		20	
UETC0733	RF & Microwave					ISE	25]	10	
UEICU/33	Engineering - Lab	-	-	2	1	ESE-O.E.	50	1	10	
UETC0751	Project Phase – 1	-	_	2	1	ISE	25]	10	
					•	ESE-O.E.	50		20	
	Seminar on Industrial Training									
	Total	17	1	8	20	Total	800			

Total Contact Hours/Week: 26Hrs

#Audit Course-V- Intellectual Property Rights.

(Open Elective II	Offered by Deneutorest
Course Code	Course Name	Offered by Department
UOEL0716	Navigation Systems	Electronics & Telecommunication Engineering
UOEL0717	Wireless communication and network	Electronics & Telecommunication Engineering

	Program Elective III									
Course Code	Course Name									
UETC0721	Digital Image Processing									
UETC0722	Computer Communication Network									
UETC0723	CMOS VLSI									





Final Year B. Tech. Program in Electronics & Telecommunication Engineering Semester-VIII

		Hı	r/Week				Evaluation Scheme			
Course Code C	Course Name				Credits			Marks		
	Course reame	L	L T P				Component	Max	Min for Passing	
							ISE-I	10		
UETC0801	G . 11'.	3			3		ISE-II	10		40
Satellite	3	-	-	3		MSE	30			
	Communication						ESE	50	20	
							ISE-I	10		40
UETC0802		2					ISE-II	10		
	Wireless Mobile	3	-	-	3		MSE	30		
	communication						ESE	50	20	
UETC0851	Project Phase -	-	_	12	6		ISE	100		40
OE1C0851	II			12	U		ESE-O.E.	100		40
,	Total			12	12		Total	400		

Total Contact Hours/Week: 18 Hrs

Abbreviations: L: Lectures, T: Tutorial, P: Practical, ISE: In Semester Exam, MSE: Mid Semester Exam, ESE: End Semester Examination, P.O.E.: Practical/Oral Exam.

O.E.: Practical/Oral Exam.

[#] Audit Course.

^{\$} Certified Course. **BS**: Basic Science, **ES**: Engineering Science, **PC**: Program Core, **PE**: Program Elective, **OE**: Open Elective, SS Social Science