Kolhapur Institute of Technology's

COLLEGE OF ENGINEERING (AUTONOMOUS)

Gokul Shirgaon, Kolhapur



Curriculum Structure

For

B. Tech Electronics and Telecommunication Engineering

Academic Year 2022-2023

Under Graduate Programme

Dr.N. B. Sambre

Head, Department of Electronics & Telecommunication

Mr. A. S. Patil

Dean Academics



Teaching and Evaluation scheme for

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

	ım	de			eachi chem	_		Evaluatio	n Schem	e		
Sr.	culu	O) a	Course						N	Marks		
No	Curriculum Component	Course Code	Course	L	Т	P	Credit	Component	Max		n for ssing	
								ISE-I	10			
1	FC	UETC	Engineering		1	0	4	ISE-II	10	20	40	
1	ES	0301	Mathematics III	3	1	0	4	MSE	30		40	
								ESE	50	20		
								ISE-I	10			
2	D.C.	UETC	A 1 C: 1 T	2	0	0	2	ISE-II	10	20		
2	PC	0302	Analog Circuits -I	3			3	MSE	30		40	
								ESE	50	20		
								ISE-I	10	-		
0	D.C.	UETC	Digital System		0	0	_	ISE-II	10	20	40	
3	PC	0303		3			3	MSE	30			
								ESE	50			
								ISE-I	10			
_	D.G.	UETC						ISE-II	10	20		
4	PC	0304	Network Analysis	3	1	0	4	MSE	30		40	
								ESE	50	20		
		UETC 0305						ISE-I	10			
_			Electronics					ISE-II	10	20		
5	PC		0305	Instrumentation	3	0	0	3	MSE	30		40
			& Measurement					ESE	50	20		
		UETC	Analog Circuits -I					ISE	25	1	10	
6	PC	0306	Lab	0	0	2	1	ESE (POE)	50		10	
		UETC		_	_	_		ISE	25		10	
7	PC	0307	Digital System Lab	0	0	2	1	ESE (POE)	50	-	20	
8	PC	UETC 0308	Electronics Instrumentation & Measurement Lab	0	0	2	1	ISE	25		10	
9	DC	UETC	Object Oriented	1	0	2	2	ISE	25		10	
9	PC	0309	Programming Lab	1	0		۷	ESE (POE)	50	2	20	
10	BS	UETA 0301	Environmental Studies (Audit Course)	2	0	0	0	ESE	100	0 40		
Total Contact Hrs.: 28 Total 18 2						08	22	500+250+Audit Course				



Kolhapur Institute of Technology's

COLLEGE OF ENGINEERING (AUTONOMOUS), KOLHAPUR

Teaching and Evaluation scheme for Second Year B. Tech. Programme in Electronics & Telecommunication Engineering Semester-IV

	ım	qe				eachii chem			Evaluatio	on Schem	1e							
Sr.	culu	e Co		Course		CHCIII		+		Marks								
No	Curriculum Component	Course Code		course	L	Т	P	Credit	Component	Max		for sing						
									ISE-I	10								
1	PC	UETC	Analos	og Circuits –II	3	0	0	3	ISE-II	10	20							
1	PC	0401	Allalog	Gircuits –II	3	U	U	3	MSE	30		40						
									ESE	50	20							
									ISE-I	10								
2	PC	UETC	Linoar	Integrated Circuits	3	0	0	3	ISE-II	10	20							
	PC	0402	Lilleal	integrated Circuits	3	0	0	3	MSE	30		40						
									ESE	50	20							
						1	0		ISE-I	10		40						
2	EC	UETC 0403	Electro	lectromagnetic ngineering	3			4	ISE-II	10	20							
3	ES								MSE	30								
									ESE	50	20							
									ISE-I	10	20							
	D.G.	UETC	Analo	nalog and Digital mmunication	1	0			ISE-II	10								
4	PC	0404			4	0	0	4	MSE	30		40						
									ESE	50	20	. 40						
		ES UETC 0405		UETC											ISE-I	10		
						D . C.			_		ISE-II	10	20					
5	ES			Data S	ata Structures	3	0	0	3	MSE	30		40					
											ESE	50	20	40				
		UETC							ISE	25	1	0						
6	PC	0406	Analog	Circuits-II Lab	0	0	2	1	ESE (POE)	50	2	20						
_		UETC	Linear	integrated circuits					ISE	25	1	.0						
7	PC	0407	Lab	8	0	0	2	1	ESE (POE)	50	2	20						
		UETC	Analo	g and Digital		_	_		ISE	25	1	.0						
8	PC	0408		unication Lab	0	0	2	1	ESE (OE)	25	1	.0						
9	ES	UETC 0409	Data S	Data Structures Lab		0	2	1	ISE	25	1	.0						
10	PW	UETC 0410	Mini Project-I		0	0	2	1	ISE	25	1	.0						
11	BS	UETA 0401		Constitution of India (Audit Course)		0	0	0	ESE	100	4	-0						
Tot	Total Contact Hrs. : 29						Cours	se										



Teaching and Evaluation scheme for Third Year B. Tech. Programme in Electronics & Telecommunication Engineering Semester-V

	um ent	ent ode				ching	g Sch	eme	Evaluation Scheme				
Sr.	cult) O	Course				يد		Marks				
No	Curriculum Component	Course Code		Course	L	T	P	Credit	Component	Max	Min Pas		
									ISE-I	10			
1	PC	UETC	Ante	Antenna and Wave	3	0	0	3	ISE-II	10	20		
1	10	0501	Propagation	ropagation		U		3	MSE	30		40	
									ESE	50	20		
						1			ISE-I	10			
2	PC	UETC	Contro	ol System	3		0	4	ISE-II	10	20	40	
	10	0502	Contro	n system			U	T	MSE	30		40	
									ESE	50	20		
						0	0	4	ISE-I	10		40	
3	PC	PC UETC 0503	Micro	ocontroller	4				ISE-II	10	20		
	1 C		Microcontroller	Controller	T	U			MSE	30		10	
									ESE	50	20		
1	DC	UETC	Anten	na and Wave	0	0	2	1	ISE	25	1	0	
4	PC	0504	propa	gation Lab	0	0	Z	1	ESE (POE)	50	2	0	
5	PC	UETC	Microcontroller Lab		0	0	2	1	ISE	25	1	0	
		0505)		_	ESE(POE)	50	2	0	
6	PC	UETC	Model ł	oased Design	0	0	2	1	ISE	25	1	0	
0	r C	0506	Lab		U	U		1	ESE(OE)	25	1	0	
7	PW	UETC 0507	Mini P	roject -II	0	0	2	1	ISE	50	2	0	
									ISE-I	10			
	5.0	*******	Program Elective I	-1					ISE-II	10	20		
8	PE	UETE		ım Elective I	3	1	0	4	MSE	30	1	40	
		05**							ESE	50	20		
									ISE-I	10			
	OE	UETO	Onen I	Elective-I	3	0	0	3	ISE-II	10	20	40	
9	OL	05**	Openi	LIECUVE-I		U		3	MSE	30		40	
								ESE	50	20			
10	ES	UETA 0501		echnologies Course)	2	0	0	0	ESE	100		40	
Tota	al Cont	act Hrs.	.:28	Total	18	2	08	22	500+250+Audit Cou		Cour	se	



Teaching and Evaluation scheme for

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

	um ent	ode		•		ching eme	5	Evalu	Evaluation Sch		
Sr. No	Curriculum Component	Course Code	Course L T P E		Component	Max		n for sing			
1	PC	UETC 0601	Embedded Systems			ISE-II	10 10 30	20	20 40		
2	PC	UETC 0602	VLSI Design	4	0	0	4	ESE ISE-I ISE-II MSE	50 10 10 30	20	40
3	PC	UETC 0603	Signals and Systems	3	1	0	4	ESE ISE-II MSE	50 10 10 30	20	40
4	PC	0604	Embedded Systems Lab	0	0	2	1	ESE ISE ESE (POE)	50 25 50	2	0
5	PC	UETC 0605	VLSI Design Lab	0	0	2	1	ISE ESE (POE)	25 50	2	20
6	PC	UETC 0606	Signal Analysis and Interpretation Lab	0	0	2	1	ISE ESE (OE)	25 50		20
7	PW	UETC 0607	Mini-Project-III	0	0	2	1	ISE	25	1	.0
8	PE	UETE 06**	Program Elective –II	3	0	0	3	ISE-II ISE-II MSE ESE	10 10 30 50	20	40
9	OE	UETO 06**	Open Elective-II	3	0	0	3	ISE-II ISE-II MSE	10 10 30	20	40
11	ES	UETA 0601	Design Thinking (Audit Course)	2	0	0	0	ESE ESE	100	20 40	
Tota	l Contact	hrs. : 2	8 Total	19	1	08	22	500+250+Audit Course			



Teaching and Evaluation Scheme for

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

Sr. No	um	ode				chin		Evaluation Scheme					
	cul	e C	Course				يبا		Marks				
	Curriculum Component	Course Code	30 11 30	L	Т	P	Credit	Component	IVISIV		Min for Passing		
								ISE-I	10				
	PC	UETC	Power Electronics					ISE-II	10	20			
1	PC	0701		3	0	0	3	MSE	30		40		
								ESE	50	20			
			Computer Communication					ISE-I	10				
2	PC	UEIC	Networks		0	0		ISE-II	10	20			
	1.0	0702	INCLINOINS	3			3	MSE	30		40		
								ESE	50	20			
				3				ISE-I	10				
3	PC	UETC	RF &Microwave Engineering		0		3	ISE-II	10	20	40		
	1 0	0703		3	0	0	3	MSE	30		40		
								ESE	50	20			
								ISE-I	10	20			
4	PC	UETC	Digital Signal Processing	3	0	0	3	ISE-II	10		40		
		0704						MSE	30	20			
								ESE	50 25	20	.0		
_	DC	UETC	UETC	UETC	De la Flactica de Lab			2	1	ISE	25	_	.0
5	PC	0705	Power Electronics Lab	0	0	2	1	ESE(POE)	25	1	.0		
		HETC	Computer Communication					ISE	25	1	.0		
6	PC	UETC 0706	Networks Lab	0	0	2	1	ESE (POE)	25	1	.0		
7	DC	UETC	RF & Microwave Engineering		0	2	1	ISE	25	1	.0		
7	PC	0707	Lab	0	0	2	1	ESE (OE)	25	1	.0		
8	PW	UETC	Project Phase-I	0	0	4	2	ISE-I	50	2	20		
O	1 00	0708	1 Toject i nase-i	U	U	4		ISE-II	50	2	20		
								ISE-I	10				
9	PE	UETE	Program Elective-III	3	0	0	3	ISE-II	10	20			
	1 1	07**	1 Togram Liective-in		U		3	MSE	30		40		
								ESE	50	20			
10	ES	UETA 0701	Industry 4.0 (Audit Course)	3	0	0	0	ESE	100		ł0		
Total (hrs. : 2		act	Total	18	0	10	20	500+250+Audit Course					



Teaching and Evaluation Scheme for

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

	ım	ਸ਼ੁਰੂ ਦੂ Teaching Schem						eme	Evalua	ation Sc	heme	
Sr. No	culu	o) a		Course				t			Marks	
51. NO	Curriculum Component	Course Code			L	L T		Credit	Component	Max	Min for Passing	
1	DIAI	UETC	Intern	la:	0	0	4	2	ISE-I	50	2	20
1	PW	0801	Interi	isnip	0	0	4	2	ISE-II	50	20	
									ISE-I	50	20	
2	PW	W UETC	Proje	ect Phase-II	0	0	8	4	ISE-II	50	20	
		0802							ESE (OE)	100	4	10
				Program Elective-IV*					ISE-I	10		
3	DE	UETE	Duo au		3	0	0	3	ISE-II	10	20	
3	PE	08**	Progra			0	0	3	MSE	30		40
									ESE	50	20	
									ISE-I	10		
4	DE	UETE	Duo au	om Floativo V*		0	0	3	ISE-II	10	20	
4	PE	08**	Progr	Program Elective-V*	3	U	U	3	MSE	30		40
									ESE	50	20	
Tota	Total Contact hrs. : 18 Total				6	0	12	12	2	00+300	0	