Kolhapur Institute of Technology's

COLLEGE OF ENGINEERING
(AUTONOMOUS)

Gokul Shirgaon, Kolhapur

KOLHAPUR INSTITUTE
OF TECHNOLOGY'S
**COLLEGE OF
ENGINEERING**
(AUTONOMOUS),
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

Sr. No	Curriculum Component	Course Code	Course	Teaching Scheme			Credit	Evaluation Scheme			
				L	T	P		Component	Max	Min for Passing	
1	ES	UETC 0301	Engineering Mathematics III	3	1	0	4	ISE-I	10	20	40
								ISE-II	10		
								MSE	30		
								ESE	50	20	
2	PC	UETC 0302	Analog Circuits –I	3	0	0	3	ISE-I	10	20	40
								ISE-II	10		
								MSE	30		
								ESE	50	20	
3	PC	UETC 0303	Digital System	3	0	0	3	ISE-I	10	20	40
								ISE-II	10		
								MSE	30		
								ESE	50	20	
4	PC	UETC 0304	Network Analysis	3	1	0	4	ISE-I	10	20	40
								ISE-II	10		
								MSE	30		
								ESE	50	20	
5	PC	UETC 0305	Electronics Instrumentation & Measurement	3	0	0	3	ISE-I	10	20	40
								ISE-II	10		
								MSE	30		
								ESE	50	20	
6	PC	UETC 0306	Analog Circuits –I Lab	0	0	2	1	ISE	25	10	
								ESE (POE)	50	10	
7	PC	UETC 0307	Digital System Lab	0	0	2	1	ISE	25	10	
								ESE (POE)	50	20	
8	PC	UETC 0308	Electronics Instrumentation & Measurement Lab	0	0	2	1	ISE	25	10	
9	PC	UETC 0309	Object Oriented Programming Lab	1	0	2	2	ISE	25	10	
								ESE (POE)	50	20	
10	BS	UETA 0301	Environmental Studies (Audit Course)	2	0	0	0	ESE	100	40	
Total Contact Hrs.: 28			**Total**	**18**	**2**	**08**	**22**	**500+250+Audit Course**			

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

Sr. No	Curriculum Component	Course Code	Course	Teaching Scheme			Credit	Evaluation Scheme			
				L	T	P		Component	Max	Min for Passing	
1	PC	UETC 0401	Analog Circuits –II	3	0	0	3	ISE-I	10	20	40
								ISE-II	10		
								MSE	30		
								ESE	50	20	
2	PC	UETC 0402	Linear Integrated Circuits	3	0	0	3	ISE-I	10	20	40
								ISE-II	10		
								MSE	30		
								ESE	50	20	
3	ES	UETC 0403	Electromagnetic Engineering	3	1	0	4	ISE-I	10	20	40
								ISE-II	10		
								MSE	30		
								ESE	50	20	
4	PC	UETC 0404	Analog and Digital Communication	4	0	0	4	ISE-I	10	20	40
								ISE-II	10		
								MSE	30		
								ESE	50	20	
5	ES	UETC 0405	Data Structures	3	0	0	3	ISE-I	10	20	40
								ISE-II	10		
								MSE	30		
								ESE	50	20	
6	PC	UETC 0406	Analog Circuits-II Lab	0	0	2	1	ISE	25	10	
								ESE (POE)	50	20	
7	PC	UETC 0407	Linear integrated circuits Lab	0	0	2	1	ISE	25	10	
								ESE (POE)	50	20	
8	PC	UETC 0408	Analog and Digital Communication Lab	0	0	2	1	ISE	25	10	
								ESE (OE)	25	10	
9	ES	UETC 0409	Data Structures Lab	0	0	2	1	ISE	25	10	
10	PW	UETC 0410	Mini Project-I	0	0	2	1	ISE	25	10	
11	BS	UETA 0401	Constitution of India (Audit Course)	2	0	0	0	ESE	100	40	
Total Contact Hrs. : 29			**Total**	**18**	**1**	**10**	**22**	**500+250+Audit Course**			

Sr. No	Curriculum Component	Course Code	Course	L	T	P	Credit	Component	Max	Min for Passing	
1	PC	UETC 0501	Antenna and Wave Propagation	3	0	0	3	ISE-I	10	20	40
								ISE-II	10		
								MSE	30		
								ESE	50	20	
2	PC	UETC 0502	Control System	3	1	0	4	ISE-I	10	20	40
								ISE-II	10		
								MSE	30		
								ESE	50	20	
3	PC	UETC 0503	Microcontroller	4	0	0	4	ISE-I	10	20	40
								ISE-II	10		
								MSE	30		
								ESE	50	20	
4	PC	UETC 0504	Antenna and Wave propagation Lab	0	0	2	1	ISE	25	10	
								ESE (POE)	50	20	
5	PC	UETC 0505	Microcontroller Lab	0	0	2	1	ISE	25	10	
								ESE(POE)	50	20	
6	PC	UETC 0506	Model based Design Lab	0	0	2	1	ISE	25	10	
								ESE(OE)	25	10	
7	PW	UETC 0507	Mini Project -II	0	0	2	1	ISE	50	20	
8	PE	UETE 05**	Program Elective I	3	1	0	4	ISE-I	10	20	40
								ISE-II	10		
								MSE	30		
								ESE	50	20	
9	OE	UETO 05**	Open Elective-I	3	0	0	3	ISE-I	10	20	40
								ISE-II	10		
								MSE	30		
								ESE	50	20	
10	ES	UETA 0501	Web Technologies (Audit Course)	2	0	0	0	ESE	100		40
Total Contact Hrs. : 28			**Total**	**18**	**2**	**08**	**22**	**500+250+Audit Course**			

Teaching and Evaluation scheme for

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

Sr. No	Curriculum Component	Course Code	Course	L	T	P	Credit	Component	Max	Min for Passing	
1	PC	UETC 0601	Embedded Systems	4	0	0	4	ISE-I	10	20	40
								ISE-II	10		
								MSE	30		
								ESE	50	20	
2	PC	UETC 0602	VLSI Design	4	0	0	4	ISE-I	10	20	40
								ISE-II	10		
								MSE	30		
								ESE	50	20	
3	PC	UETC 0603	Signals and Systems	3	1	0	4	ISE-I	10	20	40
								ISE-II	10		
								MSE	30		
								ESE	50	20	
4	PC	UETC 0604	Embedded Systems Lab	0	0	2	1	ISE	25	10	
								ESE (POE)	50	20	
5	PC	UETC 0605	VLSI Design Lab	0	0	2	1	ISE	25	10	
								ESE (POE)	50	20	
6	PC	UETC 0606	Signal Analysis and Interpretation Lab	0	0	2	1	ISE	25	10	
								ESE (OE)	50	20	
7	PW	UETC 0607	Mini-Project-III	0	0	2	1	ISE	25	10	
8	PE	UETE 06**	Program Elective –II	3	0	0	3	ISE-I	10	20	40
								ISE-II	10		
								MSE	30		
								ESE	50	20	
9	OE	UETO 06**	Open Elective-II	3	0	0	3	ISE-I	10	20	40
								ISE-II	10		
								MSE	30		
								ESE	50	20	
11	ES	UETA 0601	Design Thinking (Audit Course)	2	0	0	0	ESE	100	40	
Total Contact hrs. : 28			**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	Curriculum Component	Course Code	Course	L	T	P	Credit	Component	Max	Min for Passing	
1	PC	UETC 0701	Power Electronics	3	0	0	3	ISE-I	10	20	40
								ISE-II	10		
								MSE	30		
								ESE	50	20	
2	PC	UETC 0702	Computer Communication Networks	3	0	0	3	ISE-I	10	20	40
								ISE-II	10		
								MSE	30		
								ESE	50	20	
3	PC	UETC 0703	RF &Microwave Engineering	3	0	0	3	ISE-I	10	20	40
								ISE-II	10		
								MSE	30		
								ESE	50	20	
4	PC	UETC 0704	Digital Signal Processing	3	0	0	3	ISE-I	10	20	40
								ISE-II	10		
								MSE	30		
								ESE	50	20	
5	PC	UETC 0705	Power Electronics Lab	0	0	2	1	ISE	25	10	
								ESE(POE)	25	10	
6	PC	UETC 0706	Computer Communication Networks Lab	0	0	2	1	ISE	25	10	
								ESE (POE)	25	10	
7	PC	UETC 0707	RF & Microwave Engineering Lab	0	0	2	1	ISE	25	10	
								ESE (OE)	25	10	
8	PW	UETC 0708	Project Phase-I	0	0	4	2	ISE-I	50	20	
								ISE-II	50	20	
9	PE	UETE 07**	Program Elective-III	3	0	0	3	ISE-I	10	20	40
								ISE-II	10		
								MSE	30		
								ESE	50	20	
10	ES	UETA 0701	Industry 4.0 (Audit Course)	3	0	0	0	ESE	100	40	
Total Contact hrs. : 28			**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							
					Teaching Scheme				**Evaluation Scheme**		
										Marks	
Sr. No	**Curriculum Component**	**Course Code**	**Course**		**L**	**T**	**P**	**Credit**	**Component**	**Max**	**Min for Passing**
1	PW	UETC 0801	Internship		0	0	4	2	ISE-I	50	20
									ISE-II	50	20
2	PW	UETC 0802	Project Phase-II		0	0	8	4	ISE-I	50	20
									ISE-II	50	20
									ESE (OE)	100	40
3	PE	UETE 08**	Program Elective-IV*		3	0	0	3	ISE-I	10	20 / 40
									ISE-II	10	
									MSE	30	
									ESE	50	20
4	PE	UETE 08**	Program Elective-V*		3	0	0	3	ISE-I	10	20 / 40
									ISE-II	10	
									MSE	30	
									ESE	50	20
Total Contact hrs. : 18			**Total**		**6**	**0**	**12**	**12**	**200+300**		