Kolhapur Institute of Technology's College of Engineering (Autonomous), Kolhapur

Accredited 'A' Grade by NAAC with CGPA 3.12

Structure- Second Year B. Tech.

For

Electrical Engineering
(Under Graduate Programme)

From Academic Year 2019-2020

Teaching and Evaluation scheme for
Second Year B.Tech. Program in Electrical Engineering Semester-III

Course Code	Curriculum Component	Course	Teaching scheme				Evaluation Scheme			
			L	T	P	Credits	Scheme	Max	Min	
UELE0301	PC	DC Motors and Transformers	3	1	-	4	ISE-I	10		40
							MSE	30		
							ISE-II	10		
							ESE	50	20	
UELE0302	PC	Analog Electronics	3	-	-	3	ISE-I	10		40
							MSE	30		
							ISE-II	10		
							ESE	50	20	
UELE0303	PC	Measurement and Instrumentation	3	-	-	3	ISE-I	10		40
							MSE	30		
							ISE-II	10		
							ESE	50	20	
UELE0304	PC	Electrical Circuit Analysis	3	1	-	4	ISE-I	10		40
							MSE	30		
							ISE-II	10		
							ESE	50	20	
UELE0305	BS	Engineering Mathematics - III	3	1	-	4	ISE-I	10		40
							MSE	30		
							ISE-II	10		
							ESE	50	20	
UELE0361	Audit C-I	Professional Ethics & Value Education	2	-	-	-	-	100	40	40
UELE0331	PC	DC Motors and Transformers LAB	-	-	2	1	ISE	25	10	
							ESE(POE	50	20	
UELE0332	PC	Analog Electronics LAB	-	-	2	1	ISE	25	10	
							ESE(POE	50	20	
UELE0333	PC	Measurement and Instrumentation LAB	-	-	2	1	ISE	25	10	
							ESE(OE)	50	20	
UELE0334	PC	Electrical Circuit Analysis LAB	-	-	2	1	ISE	25	10	
Total			17	3	8	22	-	850	340	

Total Credits: 22
Total Contact Hours/Week: 28

Second Year B. Tech. Program in Electrical Engineering Semester-IV

Course Code	Curriculum component	Course	Teaching scheme				Evaluation Scheme			
			L	T	P	Credits	Scheme	Marks		
								Max	Min	
UELE0401	PC	AC Machines	3	-	-	3	ISE-I	10		40
							MSE	30		
							ISE-II	10		
							ESE	50	20	
UELE0402	PC	Digital Electronics	3	-	-	3	ISE-I	10		40
							MSE	30		
							ISE-II	10		
							ESE	50	20	
UELE0403	PC	Power System Economics	3	1	-	4	ISE-I	10		40
							MSE	30		
							ISE-II	10		
							ESE	50	20	
UELE0404	PC	Electromagnetic Fields	3	1	-	4	ISE-I	10		40
							MSE	30		
							ISE-II	10		
							ESE	50	20	
UELE0405	PC	Signals and Systems	3	1	-	4	ISE-I	10		40
							MSE	30		
							ISE-II	10		
							ESE	50	20	
UELE0461	Audit C-II	Environmental Studies	2	-	-	-	--	100	40	40
UELE0431	PC	AC Machines LAB	-	-	2	1	ISE	25	10	
							ESE(POE)	50	20	
UELE0432	PC	Digital Electronics LAB	-	-	2	1	ISE	25	10	
							ESE(POE)	50	20	
UELE0433	PC	Software LAB- I	-	-	2	1	ISE	50	20	
UELE0441	PRJ	Mini Project-I	-	-	2	1	ISE	50	20	
Total			17	3	08	22	-	850	340	

Total Credits: 22
Total Contact Hours/Week: 28

Note:

- **ESE:** End Semester Examination, **MSE:** Mid Semester Examination, **ISE:** In Semester Evaluation.

- **HS:** Humanities, Social science and Management, **BS:** Basic sciences including mathematics

- **ES:** Engineering Science, **PC:** Professional Core, **PE:** Professional Elective

- **OEL:** Open elective, **PRJ**: Project work, Seminar, Internship in industry etc.

List of Audit Courses - Semester III and Semester IV

Year	Audit Course	Course Code	Audit Course
Second Year B.Tech-I	Audit Course-I	UELE0361	Professional Ethics and value education
Second Year B.Tech-II	Audit Course-II	UELE0461	Environmental Studies