

KIT's College of Engineering, Kolhapur.
(An Autonomous Institute)
Department of Electronics Engineering
Teaching and Evaluation scheme for First Year M.Tech.
Program in Electronics& Telecommunication Engineering, Semester-I

Course Code	Subject	Teaching Scheme				Evaluation Scheme			
		L	T	P	Credits	Scheme	Weightage		Min
							Max		
PETC0101	Next Generation Network System	3	1	-	4	ISE-I	10	20	40
						MSE	30		
						ISE-II	10		
						ESE	50	20	
PETC0102	Engineering Linear Algebra	3	-	-	3	ISE-I	10	20	40
						MSE	30		
						ISE-II	10		
						ESE	50	20	
PETC0103	Random Processes & Stochastic Process	4	-	-	4	ISE-I	10	20	40
						MSE	30		
						ISE-II	10		
						ESE	50	20	
PETC01**	Professional Elective-I	3	1	-	4	ISE-I	10	20	40
						MSE	30		
						ISE-II	10		
						ESE	50	20	
PETC01**	Professional Elective-II	4	1	-	5	ISE-I	10	20	40
						MSE	30		
						ISE-II	10		
						ESE	50	20	
PETC0161	Research Methodology (Audit Course)	2	-	-	-	ESE	100		40
PETC0131	Random Process & Stochastic Process lab	-	-	2	1	ISE	50		20
						ESE(OE)	50		20
PETC0132	Engineering Linear Algebra Lab	-	-	2	1	ISE	50		20
						ESE(OE)	50		20
PETC0141	Seminar I	-	-	2	1	ISE	100		40
Total		17+ 2	3	6	23	Total Contact Hours/Week: 26+2Hrs			

Total Credits: 23

Total Contact Hours/Week: 26+2Hrs

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

KIT's College of Engineering, Kolhapur.
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Teaching and Evaluation scheme for First Year M.Tech.

Program in Electronics & Telecommunication Engineering Semester-II

Course Code	Subject	Teaching Scheme				Evaluation Scheme			
		L	T	P	Credits	Scheme	Weightage		
PETC0204	RF and Microwave Circuit design	4	-	-	4				
							Max		Min
						ISE-I	10	20	40
						MSE	30		
						ISE-II	10		
PETC0205	Software Defined Radio	4	1	-	5	ESE	50	20	
						ISE-I	10	20	40
						MSE	30		
						ISE-II	10		
						ESE	50	20	
PETC0206	Adaptive Signal Processing	3	-	-	3	ISE-I	10	20	40
						MSE	30		
						ISE-II	10		
						ESE	50	20	
						ESE	50	20	
PETC02**	Professional Elective III	3	1	-	4	ISE-I	10	20	40
						MSE	30		
						ISE-II	10		
						ESE	50	40	
						ESE	50	40	
PETC02**	Professional Elective IV	4	1	-	5	ISE-I	10	20	40
						MSE	30		
						ISE-II	10		
						ESE	50	20	
						ESE	50	20	
PETC0262	Standards in communication systems(Audit)	2	-	-	-	ESE	100	40	
PETC0233	RF & Microwave Circuit Design Lab	-	-	2	1	ISE	50	20	
PETC0234	Adaptive Signal Processing Lab	-	-	2	1	ESE(OE)	50	20	
						ISE	50	20	
PETC0242	Pre Dissertation Seminar	-	-	2	1	ESE(OE)	50	20	
PETC0243	Mini Project	-	-	2	1	ESE(OE)	100	40	
		-	-	2	1	ISE	100	40	
Total		18+2	3	8	25	Total Contact Hours/Week: 29+2Hrs			

Total Credits: 25

Total Contact Hours/Week: 29+2Hrs

Semester III

Course Code	Subject	Teaching Scheme				Evaluation Scheme		
		L	T	P	Credit	Scheme	Weightage	
							Max	Min
PETC0343	Industrial Training	-	-	-	2	ISE	100	40
PETC0351	Dissertation Phase-I	-	-	-	2	ISE-I	50	20
					4	ISE-II	100	40
PETC0352	Dissertation Phase-II	-	-	-	4	ESE(OE)	100	40
	TOTAL				12			

Semester IV

Course Code	Subject	Teaching Scheme				Evaluation Scheme		
		L	T	P	Credit	Scheme	Weightage	
							Max	Min
PETC0453	Dissertation Phase- II	-	-	-	4	ISE III	100	40
		-	-	-	4	ISE IV	100	40
PETC0454	Dissertation Phase-IV	-	-	-	8	ESE(OE)	200	80
	Total				16			

Course Code**	Professional Elective-I	Course Code**	Professional Elective-II
PETC0121	Embedded System Programming	PETC0124	Wireless Sensor Network
PETC0122	Fiber Optic Communication	PETC0125	Radiating System
PETC0123	IOT Protocols & Application	PETC0126	Optimization Techniques

Course Code**	Professional Elective-III	Course Code**	Professional Elective-IV
PETC0221	Advances in Network Security	PETC0224	RF IC Design
PETC0222	Adhoc Network	PETC0225	Communication Protocol Design
PETC0223	Internet Traffic Engineering	PETC0226	SoC Design and Verification

**Kolhapur Institute of Technology's College of Engineering, Kolhapur
Program Credit Distribution**

Curriculum Component	Credits
Professional Core	23
Professional Electives	18
Lab courses	4
Seminar and Mini Project	3
Industrial training	2
Dissertation	26
Total	76

