



# KLEF

KONERU LAKSHMAIAH EDUCATION FOUNDATION  
(Deemed to be university estd. u/s. 3 of the UGC Act, 1956)  
(NAAC Accredited "A" Grade University)

## List of Courses A.Y 2018-19 Even Semester

### DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

S.No	Course Code	Course Title	L	T	P	S	Cr	Pre-Requisite	Name of the Course Coordinator	
1	18EC1202	Computer Organization and Architecture	3	0	0	0	4		Dr.B.T.P.Madhav	
<b>SEMESTER - 4</b>										
1	17SC1202	Data Structures	3	0	2	0	4	17CS1101	V.kantharao	
2	17EC2204	Computer Organization and Architecture	3	0	0	0	4	17EC2102	Dr.N.Siddaiah	
3	17EC2212	Electromagnetic Fields & Transmission Lines	3	0	0	0	3	NIL	Dr.P.Lakshman	
4	17EC2205	Digital Signal Processing	2	1	2	0	4	17EC2103	Dr.Raja Chandrasekaran	
5	17MT2009	Probability Theory & Stochastic Process	2	1	0	0	3	NIL	FED MATHS	
6	17EC2206	Analog and Digital Communication	2	1	2	0	4	17EC2101, 17EC2102	Mr.Suresh Namgiri	
7	17UC2103	Aptitude Builder				4	0	2	NIL	Dr. M Suresh
8	17TS402	Skilling for Engineers-2 (Mat Lab)(Communications & DSP)	0	0	0	8	2	NIL		
9	17GN2210	Co Curricular activities-2	0	0	0	2	0.5	NIL		
10	17GN2204	Counselling-2	0	0	1	0	0			
11	17IE2246	Industrial Training	0	0	0	0	2			
<b>Total</b>			<b>15</b>	<b>3</b>	<b>11</b>	<b>10</b>	<b>28.5</b>			
<b>SEMESTER - 6</b>										
1		Professional Elective-1	3	0	0		3			
2		Professional Elective-2	3	0	0		3			
3		Professional Elective-3	3	0	0		3			
4	15EM2202	Processors and Controllers	2	2	2		4	15EC1101	Syed Shameem	
5	15EC3209	Communication Theory -3	2	2	2		4	15 EC 3108	Dr.Sampad Kumar Panda	
6	15EN3206	Corporate Communication Skills	0	0	4		2	NIL	Dr.Ram Kulesh Thakur	
7	15IE3250	Term Paper	0	0	4		2	NIL		
8	15TS402	Technical Skilling-2(Matlab)(Communications and DSP)	0	0	0		2	NIL	Mr. Khanal Madhav Prasad	
9	15GNXXXX	Foreign/Non-Native Language	3	0	0		3	NIL		
<b>Total</b>			<b>16</b>	<b>4</b>	<b>12</b>		<b>26</b>			
<b>Professional Electives</b>										
1	15EC3065	Information Theory and Coding	3	0	0			15EC2205	Mrs.S.Vara Kumari	
2	15EC3066	Antennas and Wave Propagation	3	0	0			15 EC2205	Dr.Agam Das Goswami	
3	15EC3067	Microwave Engineering	3	0	0			15EC2205	Dr.Deepak Kumar Nayak	
4	15EC3069	Electronic Navigation systems	3	0	0			15EC2205	N.V.V.N.J.Sri Lakshmi	
5	15EC3070	RF System Design	3	0	0			15EC2205	Mr. Vaibhav Nema	
6	15EC4074	EMI/EMC	3	0	0			15EE1201	Dr.K.Kumar Naik	
7	15EC3075	VLSI Technology	3	0	0			15EC3107	Dr.S.Sunithamani	
8	15EC3076	VLSI subsystem design	3	0	0			15EC3107	Dr.M.Siva Kumar	
9	15EC3078	Design For Testability	3	0	0			15EC3107	Mr.T.Anil Chowdary	
10	15EC3079	Analog VLSI Design	3	0	0			15EC2103	Dr.Sruthi Suman	
11	15EC3080	MEMS Technology	3	0	0			NIL	Dr.Chella Santhosh	
12	15EC3081	Low Power VLSI	3	0	0			15EC3107	Mr.P.Srikanth Reddy	
13	15EC4083	CAD for VLSI Design	3	0	0			15EC3107	Mr.N.Srinivasulu	
14	15EC3052	Artificial Neural Networks	3	0	0			15EC2206	Dr.Kasi Prasad Mannepalli	
16	15EC3054	Machine Learning	3	0	0			NIL	Dr.B.Polaiah	
18	15EC3056	Pattern Recognition	3	0	0			15EC2206	Mr.Ali Baig Mohammad	
19	15EC3057	Human Machine Interaction	3	0	0			15EC2206	Dr.B.Polaiah	
20	15EC3085	Data Networks & Protocols	3	0	0			15EC3111	P.Saleem Akram	
22	15EC3087	TCP/IP Protocol Suite	3	0	0			15EC3111	Mr.N. Lakshman Pratap	
24	15EC3089	5G and IOT	3	0	0			15EC3111	Dr.Sumit Gupta	

SEMESTER - 8									
1	15 EC 3209	Communication Theory-3	2	2	2		4	15 EC 3108	Dr.Sampad Kumar Panda
2	15EM3103	Embedded Systems	2	2	2		4	15 EM 2202	Dr.S.Arunmetha
3	15IE4049 / 15IE 4050	Major Project /Minor Project	0	0	4		4	NIL	
4		PE-3	3	0	0		3	NIL	
5		PE-4	3	0	0		3	NIL	
6		PE-5	3	0	0		3	NIL	
7		OE-1	3	0	0		3	NIL	
8		OE-2	3	0	0		3	NIL	
9		Foreign Language	3	0	0		3	NIL	
<b>Total</b>			<b>22</b>	<b>4</b>	<b>8</b>	<b>0</b>	<b>30</b>		
<b>Professional Electives</b>									
1	15EC4160	VLSI Subsystem Design	3	0	0		3	15 EC 2204	Ms.C.Priyanka
2	15EC4164	Microwave and Millimeter Wave Circuits	3	0	0		3	15 EC 3209	A.Sree Madhuri
3	15EC4170	Software Defined Radio	3	0	0		3	15 EC 3209	Dr.C.Sreenivas Preetham Reddy
4	15EC4179	Neural Networks & Fuzzy Control	3	0	0		3	15 EC 2206	M Venkateswara Rao
5	15EC4157	Design of Semi-Conductor Memories	3	0	0		3	15 EC 3107	Mr.M.Aditya
6	15EC4166	Cellular Communications	3	0	0		3	15 EC 2205	Mr.P.Raghavendra Rao
7	15EC4171	Fundamentals of Electronic WARFARE	3	0	0		3	15 EC 3209	Dr.Agam Das Goswami
8	15EC4178	Multimedia Signal Processing	3	0	0		3	15 EC 2002	Dr.Kasi Prasad Mannepalli
9	15EC3253	Intelligent Systems & Control	3	0	0		3	15 EC 2206	Dr.S.Sunithamani
10	15EC4159	Nano Electronics	3	0	0		3	15 EC 3107	Dr. Ernest Ravindran
11	15EC4172	Electronic Navigation Systems	3	0	0		3	15 EC 3108	Dr.D.Venkata Ratnam
12	15EC4167	Satellite Communication	3	0	0		3	15 EC 3108	Dr. T. Karthikeyan