

**K.L.N COLLEGE OF ENGINEERING, POTTAPALAYAM - 630 612**

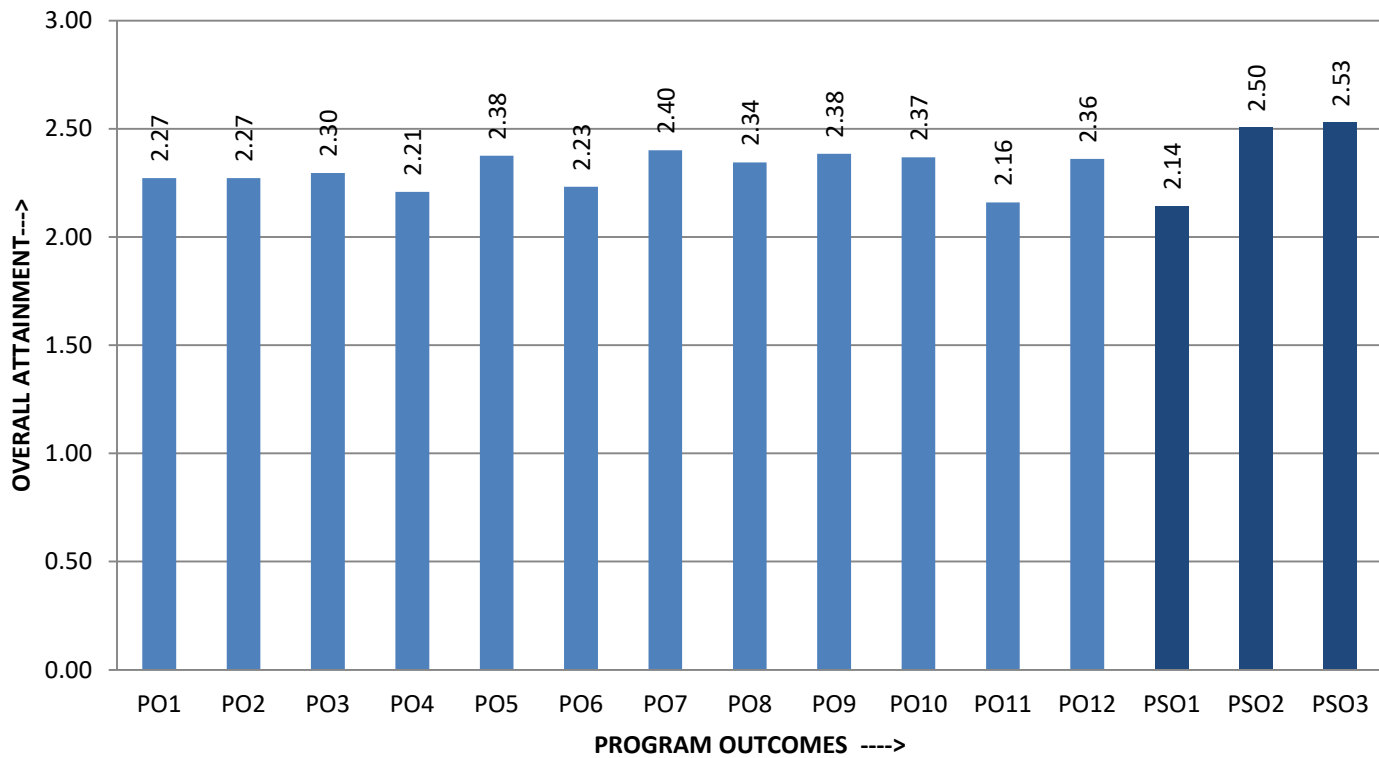
**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

BATCH: 2018-2022			CONSOLIDATED CO PO CALCULATION															
S.NO	Course Code	Subject Code	Subject Name	Program Outcomes												Program Specific Outcomes		
				PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PSO 2	PSO 3
1	C101	HS8151	COMMUNICATIVE ENGLISH									2.3	2.31		2.31			
2	C102	MA8151	ENGINEERING MATHEMATICS I	1.06	1.06	1.06												
3	C103	PH8151	ENGINEERING PHYSICS	1.05	1.05	1.11					1.03	1.03	1.03					
4	C104	CY8151	ENGINEERING CHEMISTRY	1.4	1.4				1.45	1.42								
5	C105	GE8151	PROBLEM SOLVING & PYTHON PROGRAMMING	1.02	1.02	1.02	1.02	1.02	1.02					1.02	1.02			
6	C106	GE8152	ENGINEERING GRAPHICS	2.58	2.58	2.58		2.58				2.58						
7	C107	GE8161	PROBLEM SOLVING & PYTHON PROGRAMMING LABORATORY	2.49	2.49	2.49	2.04	2.49	2.49			2.49			2.49			
8	C108	BS8161	PHYSICS & CHEMISTRY LABORATORY	2.6	2.6	2.57					2.62	2.68	2.62					
9	C109	HS8251	TECHNICAL ENGLISH									2.42	2.44		2.44			
10	C110	MA8251	ENGINEERING MATHEMATICS II	1.06	1.06	1.06												
11	C111	PH8253	PHYSICS FOR ELECTRONICS ENGINEERING	1.08	1.08	1.11					1.07	1.07	1.07					
12	C112	BE8254	BASIC ELECTRICAL & INSTRUMENTATION ENGINEERING	0.98	0.96	0.86	0.86									1		
13	C113	EC8251	CIRCUIT ANALYSIS	1.21	1.21	1.21					1.18	1.18	1.18			1.21		
14	C114	EC8252	ELECTRONIC DEVICES	1.11	1.11						1.11	1.11	1.18			1.11		
15	C115	EC8261	CIRCUITS & DEVICES LABORATORY	2.73	2.72	2.68					2.74	2.74	2.74			2.72		
16	C116	GE8261	ENGINEERING PRACTICES LABORATORY	2.65	2.65	2.65										2.68		
17	C201	MA8352	LINEAR ALGEBRA & PARTIAL DIFFERENTIAL EQUATIONS	1.1	1.1	1.1												
18	C202	EC8393	FUNDAMENTALS OF DATA STRUCTURES IN C	1.02	1.02	1.02					1.02	1.02	1.02					1.02
19	C203	EC8351	ELECTRONIC CIRCUITS I	1.01	1.01	1					1.02	1.02				1.05		
20	C204	EC8352	SIGNALS AND SYSTEMS	1.1	1.1	1.1					1.1	1.1					1.1	
21	C205	EC8392	DIGITAL ELECTRONICS	1.14	1.14	1.14	1.14	1.14			1.14	1.14			1.14	1.14		

22	C206	EC8391	CONTROL SYSTEM ENGINEERING	1.02	1.02	1.02	1.02				1.02	1.02	1.02			1.02		
23	C207	EC8381	FUNDAMENTALS OF DATA STRUCTURES IN C LABORATORY	1.02	1.02	1.02	1.02				1.02	1.02	1.02			1.02		
24	C208	EC8361	ANALOG & DIGITAL CIRCUITS LABORATORY	2.29	2.29	2.29	2.29	2.29			2.29	2.29	2.29			2.46		
25	C209	HS8381	INTERPERSONAL SKILLS / LISTENING & SPEAKING									2.56	2.56		2.6			
26	C210	MA8451	PROBABILITY & RANDOM PROCESSES	2.62	2.62	2.62												
27	C211	EC8452	ELECTRONIC CIRCUITS II	2.43	2.43	2.45					2.42	2.42	2.3			2.73		
28	C212	EC8491	COMMUNICATION THEORY	2.63	2.63	2.65					2.65	2.65					2.63	
29	C213	EC8451	ELECTROMAGNETIC FIELDS	2.43	2.44	2.5		2.5			2.5	2.5					2.44	
30	C214	EC8453	LINEAR INTEGRATED CIRCUITS	2.5	2.5	2.5					2.5	2.5	2.5			2.22		
31	C215	GE8291	ENVIRONMENTAL SCIENCE & ENGINEERING					2.49	2.49									
32	C216	EC8461	CIRCUITS DESIGN & SIMULATION LABORATORY	2.04	2.04	2.04	2.04	2.04			2.04	2.04	2.04			2.21		
33	C217	EC8462	LINEAR INTEGRATED CIRCUITS LABORATORY	2.36	2.36	2.36	2.36	2.36			2.36	2.36	2.36			2.36		
34	C301	EC8501	DIGITAL COMMUNICATION	2.21	2.21	2.21					2.21	2.21	2.21				2.21	
35	C302	EC8553	DISCRETE TIME SIGNAL PROCESSING	2.49	2.49	2.5					2.48	2.48	2.4				2.49	
36	C303	EC8552	COMPUTER ARCHITECTURE & ORGANIZATION	2.54	2.55	2.58	2.58				2.58	2.58	2.38					3.22
37	C304	EC8551	COMMUNICATION NETWORKS	2.69	2.69	2.69	2.69				2.69	2.69					2.69	
38	C306	EC8073	MEDICAL ELECTRONICS (PE I)	1.96	1.96						1.96	1.96	1.96			1.96		
39	C311	GE8077	TOTAL QUALITY MANAGEMENT (PE I)	2.49	2.49	2.42					2.5	2.5						
40	C315	OIT 552	CLOUD COMPUTING (OE)	2.56	2.55	2.53	2.53				2.58	2.58	2.53		2.61			2.01
41	C338	EC8562	DIGITAL SIGNAL PROCESSING LABORATORY	2.03	2.03	2.03	2.03	2.03			2.03	2.03	2.03				2.03	
42	C339	EC8561	COMMUNICATION SYSTEM LABORATORY	2.83	2.83	2.83		2.81			2.83	2.83	2.83				2.83	
43	C340	EC8563	COMMUNICATION NETWORKS LABORATORY	2.3	2.3	2.3		2.3			2.3	2.3	2.3				2.3	
44	C341	EC8691	MICROPROCESSORS & MICROCONTROLLERS	2.64	2.64	2.64					2.64	2.64	2.64					2.64
45	C342	EC8095	VLSI DESIGN	2.63	2.63	2.63					2.63	2.63						2.63
46	C343	EC8652	WIRELESS COMMUNICATION	2.68	2.68	2.68					2.68	2.68	2.68				2.68	

47	C344	MG8591	PRINCIPLES OF MANAGEMENT	2.62	2.62	2.62					2.62	2.62				2.62		
48	C345	EC8651	TRANSMISSION LINES & RF SYSTEMS	2.32	2.31	2.29	2.16				2.36	2.36					2.31	
49	C351	EC8004	WIRELESS NETWORKS (PE II)	2.62	2.62	2.62					2.62	2.62					2.62	
50	C353	EC8681	MICROPROCESSORS & MICROCONTROLLERS LABORATORY	2.49	2.49	2.49		2.49			2.49	2.49	2.49					2.76
51	C354	EC8661	VLSI DESIGN LABORATORY	2.68	2.68	2.68	2.68	2.68			2.68	2.68	2.68					2.49
52	C355	EC8611	TECHNICAL SEMINAR	2.68	2.68	2.68	2.68	2.68				2.68	2.68	2.68		2.68	2.68	2.68
53	C356	HS8581	PROFESSIONAL COMMUNICATION									2.8	2.8		2.8			
54	C401	EC8701	ANTENNAS & MICROWAVE ENGINEERING	2.36	2.36	2.36					2.36	2.36					2.36	
55	C402	EC8751	OPTICAL COMMUNICATION	2.29	2.29	2.29					2.29	2.29					2.29	
56	C403	EC8791	EMBEDDED & REAL TIME SYSTEMS	2.5	2.5	2.5					2.5	2.5	2.5					2.14
57	C404	EC8702	AD HOC & WIRELESS NETWORKS	2.39	2.39	2.39					2.39	2.39	2.39				2.39	
58	C408	CS8082	MACHINE LEARNING TECHNIQUES (PE III)	2.27	2.27	2.27					2.27	2.27					2.27	
59	C423	OME 754	INDUSTRIAL SAFETY (OE II)							2.5	2.5	2.5	2.42					
60	C438	EC8711	EMBEDDED LABORATORY	2.36	2.36	2.36	2.36	2.36			2.36	2.36	2.36					2.36
61	C439	EC8761	ADVANCED COMMUNICATION LABORATORY	2.68	2.68	2.68	2.68	2.68			2.68	2.68	2.68				2.68	
62	C444	EC8093	DIGITAL IMAGE PROCESSING (PE IV)	2.39	2.39	2.39					2.39	2.39					2.39	
63	C445	GE8076	PROFESSIONAL ETHICS IN ENGINEERING (PE IV)						2.5	2.5	2.5	2.5	2.5		2.5			
64	C448	EC8094	SATELLITE COMMUNICATION (PE V)	2.08	2.08	2.08					2.08	2.08					2.08	
65	C452	EC8811	PROJECT WORK	2.77	2.56	2.46	2.08	1.38	2.27	2.34	2.77	2.77	2.77	2.15	2.08	2.56	2.56	2.56
<b>ACTUAL</b>				58	58	55	19	17	6	5	49	56	38	3	10	18	21	11
<b>OBTAINED</b>				121.28	121.02	116.42	38.26	37.82	12.21	11.25	106.81	124.7	83.92	5.86	21.98	34.75	50.03	26.52
<b>DIRECT ATTAINMENT(DA)</b>				2.09	2.09	2.12	2.01	2.22	2.04	2.25	2.18	2.23	2.21	1.95	2.2	1.93	2.38	2.41
<b>INDIRECT ATTAINMENT (IA)</b>				3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
<b>OVERALL ATTAINMENT (0.8*DA+0.2*IA)</b>				2.272	2.272	2.296	2.208	2.376	2.232	2.4	2.344	2.384	2.368	2.16	2.36	2.144	2.504	2.528

## PO,PSO Attainment 2018-22 Batch



# CO Attainment 2018-22 Batch

