POTTI SRIRAMULU CHALAVADI MALLIKHARJUNA RAO
COLLEGE OF ENGINEERING & TECHNOLOGY
Approved by AICTE, NEW DELHI and Affiliated to JNTU, Kakinada
Sponsored by : SKPVV Hindu High Schools Committee, Estd : 1906
D.No. 7-3-6/1, Raghava Reddy Street, Kothapet, Vijayawada - 520 001.
Voice : 0866-2423442, 91777 77855, Fax : 0866-2423443, E-mail: principal@pscmr.ac.in, www.pscmr.ac.in

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

2018 -2022 BATCH PO/PSO ATTAINMENTS

Direct PO& PSO Attainments for 2018-2022 Batch

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO 1	PSO 2	PSO 3	PSO 4
1st Semester																
C111									1.92	2.88	1.92	2.88				
C112	2.68	2.68		1.64								1.79				
C113	2.86	1.90									1.90	1.90				
C114	2.86	2.86		1.59								1.91				
C115	0.48	0.80	0.52	0.43	0.43			0.57	0.63			0.67				
C116	2.82					2.03		2.03		2.66						
C117									1.99	2.99	1.99	2.99				
C118	3.00								3.00		2.00	2.00				

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO 1	PSO 2	PSO 3	PSO 4
2nd Semester																
C121	1.78		1.78									2.68				
C122									1.83	2.75	1.83	2.75				
C123	2.82	2.82		2.03								1.88				
C124	2.29					2.14	2.27					2.59				
C125	2.96					2.46	2.96	1.97				1.97				
C126	1.18	2.66	0.89	0.89	0.89	0.89		1.18	0.89			2.07				
C127	1.54	1.54				1.54	1.54					1.54				
C128									1.62	2.43	1.62	2.43				
C129	1.97	1.97				1.97	1.97					1.97				
C1210	1.97	1.97				1.97	1.97					1.97				

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO 1	PSO 2	PSO 3	PSO 4
3rd Semester																
C211		2.14	2.28	2.23		2.22			2.28			2.22	2.22	2.22	2.22	2.22
C212	2.27	2.27	2.26	2.17	2.17										2.27	2.26
C213	2.82	2.80		2.83			2.81				2.82	2.82			2.82	
C214	2.25	2.25	2.25	2.21								2.25			2.25	

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

C215	2.27	2.27	2.27	2.27									2.27	2.27		
C216	2.58	2.55		2.74	2.55			2.55		2.57	2.55					2.59
C217	1.21	1.75	1.75	1.75				1.75	1.75	1.75		1.75			1.75	
C218	1.48	1.38	1.48	1.48				1.48	1.48	1.48		1.48			1.48	

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
4th Semester																
C221	2.30	2.28	2.21		2.22	2.48			2.23						2.23	2.30
C222	2.79	2.79	2.75		2.79	2.90			2.79				2.79			2.79
C223	2.40	2.40	2.40												2.40	2.40
C224	2.79	2.80	2.79	2.82	2.80							2.81			2.80	2.79
C225	2.41	2.33	2.14	2.28			2.28					2.14			2.32	2.41
C226	2.31	2.43	2.38	2.37									2.36			2.31
C227	2.63			2.63	2.64	2.63				2.63		2.63	2.63			2.63
C228	2.9	2.9	2.92	2.9	2.92				0.97						2.92	2.9

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO 1	PSO 2	PSO 3	PSO 4
5th Semester																
C311	2.08	2.10								2.07					2.12	
C312	2.31	2.14	2.04	2.12			2.14					2.04			2.16	
C313	2.21	2.10	2.28	2.10								2.15	2.20		2.20	
C314	2.76	2.76	2.76	2.76					2.76			2.76			2.76	
C315		2.71		2.69	2.69				2.62			2.78		2.69		
C316		2.86		2.85	2.86					2.85		2.85	2.85			
C317	2	1	0.99	1	1.97			2	0.99	2.96		2.96	1.73	1.7	1.73	1.73
C318		3		2.5	4.94					1.97		2.96	2.96			

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO 1	PSO 2	PSO 3	PSO 4
6th Semester																
C321	2.91	2.90		2.92	2.91	2.91	2.92					2.91			2.91	
C322	2.74	2.81		2.74			2.74								2.79	
C323	2.40	2.35							2.32		2.32		2.38			
C324	2.18	2.12	2.15	2.18			2.07					2.15			2.16	
C325	1.94	1.97	1.95	1.95				1.94	1.94	1.96	1.94	2.08			1.97	1.97
C326	2.7	0.9	2.73	2.3		1.82		1.8	1.52	2.73		2.73	1.82	2.4	2.28	2.73

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikarjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

C327		2.9	2.9	2.9	2.9				2.9		2.9		2.9			
C328	2.78	2.79		2.81		2.79			2.79			2.79			2.79	

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO 1	PSO 2	PSO 3	PSO 4
								7th Semester								
C411	2.34	2.41		2.34			2.34								2.39	
C412	2.55	2.46		2.77											2.59	
C413	2.64	2.66		2.61											2.64	
C414	1.85	1.88	1.94	1.91			1.94					1.94			1.89	
C415	2.38	2.36		2.36	2.38		2.44					2.29			2.38	
C416	2.25		2.29	2.49	2.38	2.36	2.40	2.37	2.39	2.30	2.37	2.37		2.35		
C417	1.87	2.05	2.05	2.05	1.88		2.12			2.78		2.10			2.12	2.12
C418	2.67		2.67	2.66											2.67	

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO 1	PSO 2	PSO 3	PSO 4
8th Semester																
C421	2.67	2.73		2.54											2.65	
C422	1.82	1.82	1.76	1.76					1.77			1.78	1.78			
C423	2.75	2.58	2.66	2.58	2.58	2.58	2.63					2.63			2.63	
C424	2.33		2.18	2.33		2.31	2.33				2.31	2.35			2.30	
C425	2.9	2.9	1	1	0.67	0.33	1.33	0.3	0.67	0.33	0.33		3	3	3	
C426	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
Direct PO Attainment	2.36	2.33	2.13	2.25	2.41	2.17	2.31	1.76	2.04	2.50	2.27	2.36	2.46	2.45	2.40	2.23

Indirect PO Attainment

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO 1	PSO 2	PSO 3	PSO 4
Indirect POOAttainment	2.72	2.69	2.6	2.68	2.68	2.74	2.79	2.81	2.72	2.78	2.6	2.6	2.78	2.68	2.75	2.81

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

Overall Levels of attainment

Overall PO & PSO attainment for 2017-2021 Batch

PO	PO 1	PO2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO1 0	PO1 1	PO1 2	PSO 1	PSO 2	PSO 3	PSO 4
Direct PO& PSO Attainment	2.36	2.33	2.13	2.25	2.41	2.17	2.31	1.76	2.04	2.50	2.27	2.36	2.46	2.45	2.40	2.23
Indirect PO& PSO attainment	2.72	2.69	2.6	2.68	2.68	2.74	2.79	2.81	2.72	2.78	2.6	2.6	2.78	2.68	2.75	2.81
80% of Direct PO/PSO Attainment	1.89	1.86	1.71	1.80	1.93	1.74	1.85	1.41	1.63	2.00	1.82	1.89	1.97	1.96	1.92	1.78
20% of Indirect PO/PSO Attainment	0.54	0.54	0.52	0.54	0.54	0.55	0.56	0.56	0.54	0.56	0.52	0.52	0.56	0.54	0.55	0.56
Overall PO & PSO Attainments	2.43	2.40	2.23	2.34	2.46	2.29	2.41	1.97	2.18	2.56	2.34	2.41	2.52	2.50	2.47	2.35

Coordinator

Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

POTTI SRIRAMULU CHALAVADI MALLIKHARJUNA RAO
COLLEGE OF ENGINEERING & TECHNOLOGY
Approved by AICTE, NEW DELHI and Affiliated to JNTU, Kakinada
Sponsored by : SKPVV Hindu High Schools Committee, Estd : 1906
D.No. 7-3-6/1, Raghava Reddy Street, Kothapet, Vijayawada - 520 001.
Voice : 0866-2423442, 91777 77855, Fax : 0866-2423443, E-mail: principal@pscmr.ac.in, www.pscmr.ac.in

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

2018-2022 Batch CO ATTAINMENTS

Record of Direct & Indirect attainments of course outcomes of all courses with respect to set attainment levels for 2018-2022 Batch.

S.No	Course Code	Course Name	Direct Atainment	Indirect Attainment	Overall Attainment
1	C111	English-I	2.96	2.80	2.88
2	C112	Mathematics -I	2.67	2.81	2.68
3	C113	Applied Physics	2.85	2.92	2.86
4	C114	Mathematics – II (Numerical methods and complex variables)	2.87	2.82	2.86
5	C115	Computer Programming	0.65	2.75	0.86
6	C116	Engineering Drawing	2.85	2.50	2.82
7	C117	English Communication Skills Lab-I	3.00	2.86	2.99
8	C118	Applied Physics Laboratory	3.00	2.75	2.97
9	C121	Engineering Workshop& IT Workshop	2.67	2.77	2.68
10	C122	English II	2.75	2.74	2.75
11	C123	Mathematics – III	2.83	2.75	2.82
12	C124	Applied Chemistry	2.95	2.79	2.92

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

13	C125	Environmental studies	3.00	2.79	2.96
14	C126	Data Structures	2.65	2.70	2.66
15	C127	Electrical & mechanical technology	2.20	2.75	2.31
16	C128	English Communication Skills Lab	2.33	2.80	2.43
17	C129	Applied Chemistry Laboratory	3.00	2.79	2.96
18	C1210	Computer Programming Lab	3.00	2.80	2.96
19	C211	Electronic Devices and Circuits	2.19	2.22	2.31
20	C212	Switching Theory and Logic Design	2.22	2.53	2.28
21	C213	Signals and Systems	2.96	2.26	2.82
22	C214	Network Analysis	2.25	2.26	2,25
23	C215	Random Variables and Stochastic Process	2.25	2.42	2.29
24	C216	Managerial Economics & Financial Analysis	2.67	2.28	2.59
25	C217	Electronic Devices and Circuits Lab	1.66	2.07	1.75
26	C218	Networks & Electrical Technology Lab	2.16	2.08	2.15
27	C221	Electronic Circuit Analysis	2.86	2.51	2.79
28	C222	Control Systems	2.83	2.75	2.82
29	C223	Electromagnetic Waves and Transmission Lines	2.39	2.51	2.41
30	C224	Analog Communications	2.18	2.46	2.23
31	C225	Pulse and Digital Circuits	2.33	2.51	2.37
32	C226	Management Science	2.22	2.7	2.32
33	C227	Electronic Circuit Analysis Lab	2.74	2.18	2.63
34	C228	Analog Communications Lab	3	2.43	3
35	C311	Computer Architecture and Organization	2.17	2.13	2.16
36	C312	Linear I C Applications	2.14	2.42	2.2
37	C313	Digital I C Applications	2.79	2.28	2.69

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

38	C314	Digital Communications	2.86	2.34	2.76
39	C315	Antenna and Wave Propagation	2.06	2.13	2.07
40	C316	Pulse and Digital Circuits Lab	2.25	2.4	2.33
41	C317	Linear I C Applications Lab	2.14	2.33	2.24
42	C318	Digital I C Applications Lab	2.62	2.05	2.51
43	C321	Micro Processors & Micro Controllers	2.24	2.14	2.16
44	C322	Micro Wave Engineering	2.39	2.37	2.39
45	C323	VLSI Design	2.39	2.34	2.38
46	C324	Digital Signal Processing	3	2.57	2.91
47	C325	OOPs through Java	2.39	2.27	2.37
48	C326	Micro Processors & Micro Controllers Lab	2.45	1.99	2.22
49	C327	VLSI Lab	2.55	1.96	2.26
50	C328	Digital Communications Lab	2.81	2.7	2.79
51	C411	Radar Systems	2.78	2.28	2.68
52	C412	Digital Image Processing	2.68	2.29	2.59
53	C413	Computer Networks	2.78	2.28	2.68
54	C414	Optical Communications	1.75	2.44	1.89
55	C415	Electronic Switching Systems	2.33	2.45	2.45
56	C416	Embedded Systems	2.72	2.29	2.51
57	C417	Micro Wave Engineering & Optical Lab	2.87	2.19	2.74
58	C418	Digital Signal Processing Lab	2.81	1.98	2.4
59	C421	Cellular Mobile Communications	2.78	2.28	2.68
60	C422	Electronic Measurements and Instrumentation	1.64	2.34	1.78
61	C423	Satellite Communications	2.72	2.28	2.63
62	C424	Wireless sensors & Networks	2.31	2.28	2.3
63	C425	Seminar	3	2.7	2.85
64	C426	Project	3	2.9	2.95

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

POTTI SRIRAMULU CHALAVADI MALLIKHARJUNA RAO
COLLEGE OF ENGINEERING & TECHNOLOGY
Approved by AICTE, NEW DELHI and Affiliated to JNTU, Kakinada
Sponsored by : SKPVV Hindu High Schools Committee, Estd : 1906
D.No. 7-3-6/1, Raghava Reddy Street, Kothapet, Vijayawada - 520 001.
Voice : 0866-2423442, 91777 77855, Fax : 0866-2423443, E-mail: principal@pscmr.ac.in, www.pscmr.ac.in

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

2017 -2021 BATCH PO/PSO ATTAINMENTS

Direct PO& PSO Attainments for 2017-2021 Batch

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
1st Semester																
C111									1.97	2.96	1.97	2.96				
C112	2.93	2.93		1.79								1.95				
C113	2.96	1.976										1.98				
C114	2.95	2.949		1.64								1.97				
C115	1.57	2.63	1.69	1.41	1.41			1.88	2.07			2.19				
C116	2.97					2.14		2.14		2.8						
C117									1.98	2.97	1.98	2.97				
C118	2.99								2.99		1.99	1.99	**1.2**	**1.19**	**1.19**	**1.79**

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
2nd Semester																
C121	1.99		1.99		1.99				1.99			2.99				
C122									1.99	2.98	1.99	2.98				
C123	2.93	2.93		2.12								1.95				
C124	2.29					2.15	2.28					2.6				
C125	2.92					2.43	2.92	1.95				1.95				
C126	1.31	2.946	0.98	0.98	0.98	0.98		1.31	0.98			2.29				
C127	0.69	0.685				0.69	0.69					0.69				
C128									1.98	2.97	1.98	2.97				
C129	1.98	1.98				1.98	1.98					1.98				
C1210	2.98	2.984	2.98	2.98	2.32				1.99	2.98		2.98				

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
3rd Semester																
C211	0.5	0.39	0.5										0.4	0.39	0.39	0.88
C212	1	0.97	1	0.7									1.3		1.34	
C213	1.6	1.11		1.1			0.7				0.7	0.6			1.67	
C214	1	0.82	0.5	0.5					0.4		0.4	1.1			1.01	
C215	1.1	0.86	0.6	0.5	0.9										1.1	1.42
C216	0.8	1	1	1				1	1		1.4		1	1.5	1.5	
C217	0.7			0.5				0.71	0.5	1.02		1.3	0.5	0.63	0.59	
C218	1.2	1.15	0.8	0.8				1.22	0.5				1.2	1.22	1.22	1.22

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
4th Semester																
C221	0.8	0.69	0.5	0.5										0.59	0.81	0.89
C222	0.7	0.72	0.6	0.6	0.7							0.9			0.67	
C223	0.9	0.7	0.5	0.7	0							1.1			0.88	
C224	0.6	0.51	0.9		0.8	0.9			0.3						0.86	
C225	2	1.86	1.9												1.99	
C226		0.56							0.8		0.6	0.6				1.13
C227	2	1	1	1	2			2	1	3		3	2	2	2	3
C228	3	3	3	3	3				1						3	

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
5th Semester																
C311	2.2	2.15	2.3	2.3			2.3					2.3			2.24	
C312	2.3	2.23	2.3	2.4								2.3	2.3	2.28	2.28	
C313	2.2	2.16	2.2	2.2	2.1							2.2			2.18	
C314	2.7	2.77	2.6	2.6								2.7	2.7	2.66	2.66	
C315	2.2	2.24								2.23					2.24	
C316	2.70	2.70	2.70	2.68				2.70	2.70	2.70		2.70			2.71	
C317	2.05	2.05	2.05	2.05	2.05			2.05	2.05	2.05		2.05	1.8	1.75	1.75	1.75
C318				2.94						2.94		2.94	2.94			

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
6th Semester																
C321	2.64		2.75		2.66							2.74	2.62	2.62	2.62	2.64
C322	2.80	2.75	2.80	2.76			2.77					2.76			2.76	
C323	2.09	2.34	2.29	2.29					2.30			2.27	2.27			
C324	2.77	2.77	2.84	2.83	2.79			2.61	2.84	2.84	2.83	2.73	2.84		2.76	
C325	2.33	2.33	2.33	2.33				2.33	2.33	2.34	2.34	2.36			2.33	2.33
C326	2.80	2.76	2.84	2.68	2.80				2.78						2.78	
C327		2.82	2.82	2.82	2.82				2.82		2.82		2.82			
C328	1.75	1.75	1.30	1.57		1.57			1.75		1.75	1.58			1.75	

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
7th Semester																
C411	2.15	2.12	2.28	2.22			2.20					2.28			2.17	
C412	2.64	2.66		2.61											2.64	
C413	2.23	2.24	2.23	2.22	2.21	2.25	2.25	2.25	2.22	2.22	2.25	2.23	2.23	2.23	2.23	2.23
C414	2.24	2.22	2.35	2.31			2.35					2.35			2.27	
C415	2.35	2.37	2.46	2.48								2.41	2.41	2.41	2.41	
C416	2.67	2.73		2.47											2.64	
C417	2	1	1	1				2	1	3		3			3.0	
C418	2.12	2.17	2.35	2.35											2.08	

Coordinator

Internal Quality Assessment Committee

PRINCIPAL

Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
8th Semester																
C421	2.49	2.48		2.47	2.49		2.48					2.43			2.49	
C422	2.46	2.46		2.47	2.46		2.50					2.49			2.46	
C423	2.49	2.50	2.60	2.54			2.63					2.60			2.52	
C424	2.73	2.66	2.70	2.63	2.63	2.72				2.72		2.63			2.65	2.66
C425	2.9	2.85	3	3	3	3	3	3	3	3	3	0	1	0.95	0.95	0.95
C426	3	2.95	3	2	1	0.7	0.3	0.33	0.3	0.33	0.3	0	1	0.98	0.98	0.98
Direct PO Attainment	2.13	2.01	2.01	2.07	2.27	1.65	2.09	1.73	1.55	2.40	1.66	2.49	1.56	1.56	1.92	1.70

Indirect PO Attainment

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
Indirect POOAttainment	2.61	2.492	2.39	2.31	2.37	2.61	2.59	2.68	2.63	2.51	2.56	2.51	2.6	2.54	2.59	2.59

Overall Levels of attainment

Overall PO & PSO attainment for 2017-2021 Batch

PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
Direct PO& PSO Attainment	2.13	2.01	2.01	2.07	2.27	1.65	2.09	1.73	1.55	2.40	1.66	2.49	1.56	1.56	1.92	1.70
Indirect PO& PSO attainment	2.61	2.492	2.39	2.31	2.37	2.61	2.59	2.68	2.63	2.51	2.56	2.51	2.6	2.54	2.59	2.59
80% of Direct PO/PSO Attainment	1.7	1.61	1.61	1.66	1.82	1.32	1.67	1.39	1.24	1.92	1.33	1.99	1.25	1.25	1.54	1.36
20% of Indirect PO/PSO Attainment	0.52	0.5	0.48	0.46	0.47	0.52	0.52	0.54	0.53	0.5	0.51	0.5	0.51	0.51	0.52	0.52
Overall PO & PSO Attainments	2.23	2.11	2.09	2.12	2.29	1.84	2.19	1.92	1.76	2.42	1.84	2.49	1.76	1.76	2.06	1.88

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001

POTTI SRIRAMULU CHALAVADI MALLIKHARJUNA RAO
COLLEGE OF ENGINEERING & TECHNOLOGY
Approved by AICTE, NEW DELHI and Affiliated to JNTU, Kakinada
Sponsored by : SKPVV Hindu High Schools Committee, Estd : 1906
D.No. 7-3-6/1, Raghava Reddy Street, Kothapet, Vijayawada - 520 001.
Voice : 0866-2423442, 91777 77855, Fax : 0866-2423443, E-mail: principal@pscmr.ac.in, www.pscmr.ac.in

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

2016 -2020 BATCH PO/PSO ATTAINMENTS

Direct PO& PSO Attainments for 2016-2020 Batch

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
1st Semester																
C111									1.92	2.88	1.92	2.88				
C112	2.8	2.8		1.7								1.87	2.8	2.8	1.87	2.8
C113	2.8	1.9										1.89				
C114	2.9	2.9		1.6								1.91				
C115	1	1.7	1.11	0.9	0.92			1.2	1.36			1.44				
C116	2.9					2.09		2.1		2.74						
C117									1.97	2.95	1.97	2.95				1.97
C118	3								2.98		1.99	1.99				

Coordinator

Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
2nd Semester																
C121	2		1.98		1.98				1.98			2.98				
C122									1.88	2.78	1.85	2.78				
C123	2.9	2.9		2.1								1.97				
C124	2.1					1.97	2.09					2.38				
C125	2.8					2.29	2.75	1.8				1.84				
C126	1.2	2.7	0.91	0.9	0.91	0.91		1.2	0.91			2.12				
C127	1	1				1.04	1.04					1.04				1.04
C128									1.8	2.7	1.8	2.70				
C129	2	2				1.99	1.99					1.99				
C1210	1.8	1.8	1.79	1.8	1.39				1.19	1.79		1.79	1.19	1.2	1.19	1.79

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
3rd Semester																
C211	0.6	0.5	0.56										0.47	0.5	0.47	1.05
C212	0.8	0.8	0.86	0.6									1.12		1.12	
C213	1.1	0.8		0.8			0.46				0.46	0.44			1.14	
C214	1	0.8	0.51	0.5					0.38		0.38	1.14			1.01	
C215	0.6	0.5	0.34	0.3	0.54										0.63	0.82
C216	1.2	1.7	1.66	1.7				1.7	1.66		2.32		1.66	2.5	2.49	
C217	1.5			1				1.5	0.97	2.09		2.74	0.97	1.3	1.21	
C218	2.9	2.7	1.92	1.9				2.9	1.12				2.88	2.9	2.88	2.88

Coordinator

Internal Quality Assessment Committee

PRINCIPAL,
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
4th Semester																
C221	2.2	1.9	1.38	1.4										1.7	2.28	2.49
C222	1.5	1.5	1.14	1.1	1.37							1.94			1.37	
C223	0.9	0.7	0.47	0.7								1.06			0.88	
C224	0.8	0.6	1.15		1.02	1.15			0.38						1.08	
C225	0.7	0.7	0.66												0.7	
C226		0.9							1.18		0.89	0.89				1.77
C227	1.9	1	0.95	1	1.91			1.9	0.95	2.86		2.86	1.91	1.9	1.91	2.86
C228	2.9	2.9	2.92	2.9	2.92				0.97						2.92	

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
5th Semester																
C311	2.5	2.5	2.47									2.47		2.5		
C312	2.5		2.53	2.5								2.53	2.53	2.5	2.53	
C313	1.9	2.3	1.56	0.9	1.96							1.43	1.43			
C314	2.7	2.7							0.9						2.69	
C315	1.9	1.8	1.77							2.04					0.91	
C316	2.9	2.9	2.9	2.9				2.9	1.93	2.9		2.9			2.9	
C317	2	1	0.99	1	1.97			2	0.99	2.96		2.96	1.73	1.7	1.73	1.73
C318		3		2.5	4.94					1.97		2.96	2.96			

Coordinator

Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
6th Semester																
C321	1.8		0.91		1.82							2.73	1.82	1.8	1.82	2.27
C322	1.4	1.6	0.69	1								0.69			2.07	
C323	2.5	2.5		2.5					0.84				2.53			
C324	1.2	1.2	1.55	0.9	1.03			0.5	1.03	1.03	0.69	0.77	1.55		1.55	
C325	1.8	2.7	1.21	1.2				1.8	1.82	2.12	1.52					2.73
C326	2.7	0.9	2.73	2.3		1.82		1.8	1.52	2.73		2.73	1.82	2.4	2.28	2.73
C327		2.9	2.9	2.9	2.9				2.9		2.9		2.9			
C328	2.9	2.9	2.87	2.9		2.87			2.87		2.87	2.87			2.87	

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
7th Semester																
C411	2.7	2.8		2.6											2.67	
C412	2.7	2.8		2.6											2.67	
C413	2.7	2.4	1.95	1.5	1.13	1.8	0.9	1.8	1.2	1.2	1.44	2.1				
C414	2.4	2.3	2.35	2.3			2.28					2.35			2.29	
C415	2.1	2	2.16	2.2					2.13			2.13	2.13			
C416		2.3							2.33		2.33				2.35	
C417	2	1	1	1				2	1	3		3			3	
C418	2.6	1.9	1.56	1.6												

Coordinator

Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
								8^{th} Semester								
C421	2.2	2.2	2.18	2.2											2.19	
C422	2.2	2.3		2.4											2.26	
C423	2.7	2.8		2.6											2.67	
C424	2.2	2.3	2.22	2.2	2.29	2.34	2.34			2	2.28	2.25	2.23		2.23	
C425	2.9	2.9	1	1	0.67	0.33	1.33	0.3	0.67	0.33	0.33		3	3	3	
C426	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
Direct POOAttainment	2.05	1.95	1.61	1.71	1.82	1.81	1.82	1.79	1.52	2.30	1.82	2.13	2.24	2.44	2.08	2.07

Indirect PO Attainment

Overall Levels of attainment

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
Indirect POOAttainment	3	3	2	3	3	3	3	1	3	1	3	3	3	3	3	1

Overall PO & PSO attainment for 2016-2020 Batch

PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
Direct PO& PSO Attainment	2.05	1.95	1.61	1.71	1.82	1.81	1.82	1.79	1.52	2.30	1.82	2.13	2.24	2.44	2.08	2.07
Indirect PO& PSO attainment	3	3	2	3	3	3	3	1	3	1	3	3	3	3	3	1
80% of Direct PO/PSO Attainment	1.64	1.56	1.29	1.4	1.46	1.45	1.45	1.43	1.22	1.84	1.46	1.71	1.79	1.95	1.66	1.65
20% of Indirect PO/PSO Attainment	0.6	0.6	0.4	0.6	0.6	0.6	0.6	0.2	0.6	0.2	0.6	0.6	0.6	0.6	0.6	0.2
Overall PO & PSO Attainments	2.24	2.16	1.69	1.96	2.06	2.05	2.05	1.63	1.82	2.04	2.06	2.31	2.39	2.55	2.26	1.85

Coordinator

Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

POTTI SRIRAMULU CHALAVADI MALLIKHARJUNA RAO
COLLEGE OF ENGINEERING & TECHNOLOGY
Approved by AICTE, NEW DELHI and Affiliated to JNTU, Kakinada
Sponsored by : SKPVV Hindu High Schools Committee, Estd : 1906
D.No. 7-3-6/1, Raghava Reddy Street, Kothapet, Vijayawada - 520 001.
Voice : 0866-2423442, 91777 77855, Fax : 0866-2423443, E-mail: principal@pscmr.ac.in, www.pscmr.ac.in

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

2016-2020 Batch CO ATTAINMENTS

Record of Direct & Indirect attainments of course outcomes of all courses with respect to set attainment levels for 2016-2020 Batch.

S.No	Course Code	Course Name	Direct Atainment	Indirect Attainment	Overall Attainment
1	C111	English-I	2.90	2.82	2.88
2	C112	Mathematics -I	2.80	2.80	2.8
3	C113	Applied Physics	2.85	2.81	2.84
4	C114	Mathematics – II (Numerical methods and complex variables)	2.85	2.89	2.86
5	C115	Computer Programming	1.60	2.84	1.85
6	C116	Engineering Drawing	2.93	2.81	2.9
7	C117	English Communication Skills Lab-I	3.00	2.75	2.95
8	C118	Applied Physics Laboratory	3.00	2.81	2.98
9	C121	Engineering Workshop& IT Workshop	3.00	2.77	2.98
10	C122	English II	2.77	2.82	2.78
11	C123	Mathematics – III	2.98	2.81	2.95
12	C124	Applied Chemistry	2.65	2.81	2.68
13	C125	Environmental studies	2.75	2.77	2.75
14	C126	Data Structures	2.70	2.81	2.72
15	C127	Electrical & mechanical technology	1.27	2.71	1.56
16	C128	English Communication Skills Lab	2.67	2.67	2.67
17	C129	Applied Chemistry Laboratory	3.00	2.85	2.99

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

18	C1210	Computer Programming Lab	1.67	2.89	1.79
19	C211	Electronic Devices and Circuits	1.183	2.3	1.41
20	C212	Switching Theory and Logic Design	1.73	2.3	1.84
21	C213	Signals and Systems	0.85	2.3	1.14
22	C214	Network Analysis	1.9	2.3	1.14
23	C215	Random Variables and Stochastic Process	0.42	2.4	0.82
24	C216	Managerial Economics & Financial Analysis	2.56	2.2	2.49
25	C217	Electronic Devices and Circuits Lab	3	2.5	2.9
26	C218	Networks & Electrical Technology Lab	3	2.4	2.88
27	C221	Electronic Circuit Analysis	2.53	2.33	2.49
28	C222	Control Systems	1.96	2.44	2.06
29	C223	Electromagnetic Waves and Transmission Lines	0.75	2.3	1.06
30	C224	Analog Communications	0.81	2.5	1.15
31	C225	Pulse and Digital Circuits	0.43	2.5	0.84
32	C226	Management Science	2.7	2.5	2.66
33	C227	Electronic Circuit Analysis Lab	3	2.3	2.86
34	C228	Analog Communications Lab	3	2.6	2.92
35	C311	Computer Architecture and Organization	2.46	2.5	2.47
36	C312	Linear I C Applications	2.56	2.4	2.53
37	C313	Digital I C Applications	2.62	2.33	2.56
38	C314	Digital Communications	2.75	2.44	2.69
39	C315	Antenna and Wave Propagation	1.98	2.3	2.04
40	C316	Pulse and Digital Circuits Lab	3	2.5	2.9
41	C317	Linear I C Applications Lab	3	2.81	2.96
42	C318	Digital I C Applications Lab	3	2.81	2.96
43	C321	Micro Processors & Micro Controllers	2.72	2.77	2.73
44	C322	Micro Wave Engineering	1.88	2.81	2.07
45	C323	VLSI Design	2.48	2.71	2.53
46	C324	Digital Signal Processing	1.27	2.67	1.55
47	C325	OOPs through Java	2.7	2.85	2.73
48	C326	Micro Processors & Micro Controllers	3	1.66	2.73

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

		Lab			
49	C327	VLSI Lab	3	2.5	2.9
50	C328	Digital Communications Lab	3	2.33	2.87
51	C411	Radar Systems	2.78	2.38	2.58
52	C412	Digital Image Processing	2.81	2.38	2.6
53	C413	Computer Networks	2.86	2.06	2.46
54	C414	Optical Communications	2.25	2.47	2.36
55	C415	System Design through Verilog	2.25	2.33	2.29
56	C416	Embedded Systems	2.14	2.44	2.29
57	C417	Micro Wave Engineering & Optical Lab	2.37	2.08	2.23
58	C418	Digital Signal Processing Lab	2.66	2.33	2.5
59	C421	Cellular Mobile Communications	2.17	2.29	2.23
60	C422	Electronic Measurements and Instrumentation	2.22	2.41	2.32
61	C423	Satellite Communications	2.89	2.37	2.63
62	C424	Wireless sensors & Networks	2.75	2.38	2.57
63	C425	Seminar	3	2.7	2.85
64	C426	Project	3	2.9	2.95

Coordinator

Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

POTTI SRIRAMULU CHALAVADI MALLIKHARJUNA RAO
COLLEGE OF ENGINEERING & TECHNOLOGY
Approved by AICTE, NEW DELHI and Affiliated to JNTU, Kakinada
Sponsored by : SKPVV Hindu High Schools Committee, Estd : 1906
D.No. 7-3-6/1, Raghava Reddy Street, Kothapet, Vijayawada - 520 001.
Voice : 0866-2423442, 91777 77855, Fax : 0866-2423443, E-mail: principal@pscmr.ac.in, www.pscmr.ac.in

Department of Computer Science and Engineering

Direct and Indirect PO/PSO Attainment

2021-22 Academic Year **2018 BATCH**

I Year I Sem

COURSE CODE	SUBJECT NAME	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
C101	English-I									2.31	2.97	1.65	2.97			
C102	Mathematics-I	2.05	1.11		0.95								2.84	0.95		
C103	Applied Physics	2.79					0.93	0.93					1.86			
C104	Computer Programming	2.91	2.91	2.75	2.72					0.97			1.94	2.91	1.94	
C105	Mathematics-II	1.93	0.97		0.97								2.9	0.97		
C106	Engineering Drawing	2.9					2.09		2.09		2.74					
C107	English-Communication skills Lab-I	2.98	2.98	2.65	2.65	2.48	1.99		1.99	2.31	2.65	1.99	2.31	2.31	2.98	2.48
C108	Applied / Engineering Physics Lab	2.99	2.99	2.66	2.66	2.49	1.99		1.99	2.32	2.66	1.99	2.32	2.32	2.99	2.49

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

C109	C Programming Lab	2.98	2.98	2.65	2.65	2.48	1.99		1.99	2.31	2.65	1.99	2.31	2.31	2.98	2.48
I Year II Sem																

COURSE CODE	SUBJECT NAME	PO1	PO2	PO3	PO4	PO 5	PO 6	PO7	PO8	PO9	PO10	PO11	PO12	PSO 1	PSO 2	PSO 3
C110	English-II									2.15	2.82	1.65	2.82			
C111	Mathematics - III	2.96	2.96		2.14								1.97			
C112	Applied Chemistry	1.77		0.96		0.96	0.96						2.41			
C113	Environmental Studies	1.58					0.95	2.84	1.58				2.21			
C114	Object Oriented Programming through C++	1.16	2.97	0.99	0.99					1.98			2.31	1.16	2.97	0.99
C115	Engineering Mechanics	2.82	1.88				1.88						1.88	2.82		
C116	English - Communication Skills Lab - II	2.97	2.97	2.64	2.64	2.48	1.98		1.98	2.31	2.64	1.98	2.31	2.31	2.97	2.48
C117	Applied Chemistry Laboratory	2.96	2.96	2.63	2.63	2.47	1.97		1.97	2.3	2.63	1.97	2.3	2.3	2.96	2.47
C118	Object Oriented Programming Lab	2.96	2.96	2.63	2.63	2.47	1.97		1.97	2.3	2.63	1.97	2.3	2.3	2.96	2.47

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

II Year I Sem																
COURSE CODE	**SUBJECT NAME**	**PO1**	**PO2**	**PO3**	**PO4**	**PO 5**	**PO 6**	**PO7**	**PO8**	**PO9**	**PO10**	**PO11**	**PO12**	**PSO 1**	**PSO 2**	**PSO 3**
C201	SRP	2.63	2.63	2.19	2.63	2.63	1.75						2.48	2.48	2.48	
C202	MFCS	2.45	1.53	0.88	0.88	1.75							1.17			
C203	DLD	2.7	1.8	1.8	1.8									2.16	1.5	
C204	PYTHON	2.82	2.82	2.35	2.82	2.82	1.88						2.66	2.66	2.66	
C205	DS	2.43	2.26	1.55	1.36	1.46	1.21						2.75	2.1	2.1	
C206	CG	2.67	1.67	0.95	0.95	1.91								1.27		
C207	DS LAB	2.88	2.88	1.92			1.92			2.88			2.88	2.88	2.88	
C208	PYTHON LAB	2.88	2.88	2.56		2.4	1.92			2.24	2.56	1.92	2.24	2.24	2.88	2.4

II Year II Sem																
COURSE CODE	**SUBJECT NAME**	**PO1**	**PO2**	**PO3**	**PO4**	**PO 5**	**PO 6**	**PO7**	**PO8**	**PO9**	**PO10**	**PO11**	**PO12**	**PSO 1**	**PSO 2**	**PSO 3**
C209	SE		0.94	0.94	0.94								2.19		0.94	0.94
C210	JP	2.07	2.23	1.91	1.91				2.29	2.29	2.23	2.07	1.91	2.07	2.23	
C211	ADS	2.83	2.52				2.64						2.67	2.83		
C212	CO	2.63	2.34										2.48	2.63		
C213	FLAT	2.59	2.16	1.73	1.73									2.38	1.73	
C214	PPL	1.5	1.2	0.9									1.81	0.9	0.9	1.96
C215	ADS LAB	2.92	2.92	2.6	2.6	2.43	1.95		1.95	2.27	2.6	1.95	2.27	2.27	2.92	2.43
C216	JP LAB	2.9	2.9	2.58	2.58	2.42	1.93		1.93	2.25	2.58	1.93	2.25	2.25	2.9	2.42

Coordinator

Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

III Year I Sem

COURSE CODE	SUBJECT NAME	PO1	PO2	PO3	PO4	PO 5	PO 6	PO7	PO8	PO9	PO10	PO11	PO12	PSO 1	PSO 2	PSO 3
C301	CD	2.51	2.51	2.13	2.07	2.07	2.51							2.22	2.36	
C302	UP	1.21	1.51	1.96	0.91								1.81	1.81	1.81	1.81
C303	OOAD	1.79	1.94	1.05	1.05	1.05	1.05			1.79	2.39	1.2	2.09	1.26	1.26	1.2
C304	DBMS	1.93	2.1	1.13	1.13	1.13	1.13			1.93	2.58	1.29	2.26	1.13	1.13	1.29
C305	OS	1.87	2.03	1.1	1.1	1.1	1.1			1.87	2.5	1.25	2.19	1.1	1.1	1.25
C306	UML LAB	2.89	2.89	1.93	1.93	1.93	1.93			2.89	2.89			2.89		2.89
C307	OS/LINUX LAB	2.91	2.91	1.94	1.94	1.94				2.91	2.91	2.91	2.91	2.91	2.91	2.91
C308	DBMS LAB	2.89	2.89	1.93	1.93	1.93				2.89	2.89	2.89	2.89	2.89	2.89	2.89

III Year II Sem

COURSE CODE	SUBJECT NAME	PO1	PO2	PO3	PO4	PO 5	PO 6	PO7	PO8	PO9	PO10	PO11	PO12	PSO 1	PSO 2	PSO 3
C309	CN	2.23	1.75	0.95	1.11		1.11							1.43	1.43	
C310	DMDW	2.38	2.1	1.33	1.33					2.86				2.1	2.1	1.59
C311	DAA	1.61	1.28	1.45	1.45									1.6	0.96	
C312	STM	1.87	1.88	1.41	1.87	1.56	1.31			1.87	2.34	1.56	2.34	1.88	2.81	2.81
C313	IOT	2.23	1.91	2.39	1.28	1.28								1.91	1.91	1.91
C314	CN LAB	2.85	2.85	1.9	1.9	1.9				2.85	2.85	2.85	2.85	2.85	2.85	2.85
C315	STM LAB	2.86	2.86	2.54	2.54	2.39	1.91		1.91	2.23	2.54	1.9	2.23	2.2	2.86	2.39
C316	DATA MINING LAB	2.88	2.88	2.56	2.56	2.4	1.92		1.92	2.24	2.56	1.9	2.24	2.2	2.88	2.4

Coordinator

Internal Quality Assessment Committee

PRINCIPAL

Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

COURSE CODE	SUBJECT NAME	PO1	PO2	PO3	PO4	PO 5	PO 6	PO7	PO8	PO9	PO10	PO11	PO12	PSO 1	PSO 2	PSO 3
IV Year - I Sem																
C401	CNS	1.15	1.03		0.17									1.03	1.72	
C402	SADP	1.9	1.9	1.14	1.14								2.85	1.33	1.27	2.85
C403	WT	1.91	2.45	1.63	1.63	1.63	1.63			2.45	2.45	2.18	2.18	1.84	1.91	1.91
C404	MEFA						0.96	2.88	2.56	1.92	1.92	0.96	1.6			
C405	SADP LAB	2.88	2.88	2.56	2.88	2.4	1.92		2	2.24	2.56	1.92	2.24	2.24	2.88	2.4
C406	WT LAB	2.88	2.88	2.56		2.4	1.92			2.24	2.56	1.92	2.24	2.24	2.88	2.4
C407	BIG DATA ANALYSIS	1.75	2.87	1.91	0.96	2.87								0.96	1.75	2.07
C408	SPM	2.87	2.07	2.07			0.96					2.87	2.71	2.87	1.91	2.87
IV Year - II Sem																
COURSE CODE	**SUBJECT NAME**	**PO1**	**PO2**	**PO3**	**PO4**	**PO 5**	**PO 6**	**PO7**	**PO8**	**PO9**	**PO10**	**PO11**	**PO12**	**PSO 1**	**PSO 2**	**PSO 3**
C409	DYS	1.73	1.89	1.89	0.95	1.89					0.95		1.89	0.95	1.73	1.58
C410	ML	2.38	1.59		1.59									1.79	0.99	
C411	MS	1.95	1.37		1.17	1.17	1.14		2.15						1.47	
C412	CPP	2.84	1.89		1.89								0.95	2.27	1.58	
C413	SEMINAR	2.45	1.72	1.72	1.63		0.98				2.94		2.45	0.98	2.94	1.96
C414	PROJECT	2.39	1.91	1.91	1.91				2.87				1.91	2.39	2.07	2.87
	direct PO	2.43	2.26	1.89	1.75	2.02	1.64	2.22	2.07	2.28	2.56	1.95	2.29	2.02	2.19	2.21
	indirect PO	2.825	2.73333	2.7417	2.625	2.7	2.7	2.7833	2.8403	2.6975	2.756	2.697	2.697	3	3	3
	overall PO	2.51	2.35	2.06	1.93	2.16	1.85	2.33	2.22	2.36	2.6	2.1	2.37	2.22	2.35	2.37

Coordinator

Internal Quality Assessment Committee

PRINCIPAL

Potti Sriramulu Chalavadi Mallikharjuna Rao College of Engineering & Technology Kothapet, VIJAYAWADA-520 001.

POTTI SRIRAMULU CHALAVADI MALLIKHARJUNA RAO
COLLEGE OF ENGINEERING & TECHNOLOGY
Approved by AICTE, NEW DELHI and Affiliated to JNTU, Kakinada
Sponsored by : SKPVV Hindu High Schools Committee, Estd : 1906
D.No. 7-3-6/1, Raghava Reddy Street, Kothapet, Vijayawada - 520 001.
Voice : 0866-2423442, 91777 77855, Fax : 0866-2423443, E-mail: principal@pscmr.ac.in, www.pscmr.ac.in

Department of Computer Science and Engineering

Direct and Indirect PO/PSO Attainment

2020-21 Academic Year **2017 BATCH**

COURSE CODE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
C101									2.32	2.99	1.66	2.99			
C102	2	1.08		0.92								2.77	0.92		
C103	2.98					0.99	0.99					1.99			
C104	2.9	2.9	2.74	2.71					0.97			1.93	2.9	1.93	
C105	1.98	0.99		0.99								2.97	0.99		
C106	2.77					2		2		2.62					
C107	2.99	2.99	2.66	2.66	2.49	1.99		1.99	2.32	2.66	1.99	2.32	2.32	2.99	2.49
C108	3	3	2.67	2.67	2.5	2		2	2.33	2.67	2	2.33	2.33	3	2.5
C109	3	3	2.67	2.67	2.5	2		2	2.33	2.67	2	2.33	2.33	3	2.5

COURSE CODE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
C110									2.11	2.76	1.62	2.76			
C111	2.78	2.78		2.01								1.85			
C112	1.65		0.9		0.9	0.9						2.25			
C113	1.58					0.95	2.84	1.58				2.21			

Coordinator

Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

C114	1	2.57	0.86	0.86					1.71			2	1	2.57	0.86
C115	2.76	1.84				1.84						1.84	2.76		
C116	2.97	2.97	2.64	2.64	2.48	1.98		1.98	2.31	2.64	1.98	2.31	2.31	2.97	2.48
C117	3	3	2.67	2.67	2.5	2		2	2.33	2.67	2	2.33	2.33	3	2.5
C118	3	3	2.67	2.67	2.5	2		2	2.33	2.67	2	2.33	2.33	3	2.5

COURSE CODE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO1 2	PSO1	PSO2	PSO 3
C201	2.24	2.29	2.15	2.29	2.58							1.72			
C202	2.35	1.47	0.84	0.84	1.68							1.12		2.15	
C203	2.34	2.19	1.5	1.31	1.17							2.65	2.03	2.03	
C204	2.08	1.94	1.33	1.16	1.25	1.04						2.35	1.8	1.8	
C205	1.52											2.44	1.52		
C206	2.65	1.66	0.95	0.95	1.89								1.26		
C207	2.95	2.95	2.62	2.62	2.46	1.97		1.97	2.3	2.62	1.97	2.3	2.3	2.95	2.46
C208	2.95	2.95	2.62	2.62	2.46	1.97		1.97	2.3	2.62	1.97	2.3	2.3	2.95	2.46

COURSE CODE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO1 2	PSO1	PSO2	PSO 3
C209	1.33	0.8	0.8	0.8	0.8	0.8	2.12	1.33	1.33	1.86	0.8	1.86	0.8	0.8	0.8
C210	2.01	2.16	1.85	1.85				2.22	2.22	2.16	2.01	1.85	2.01	2.16	1.85
C211	2.02	1.73											0.87	0.87	
C212	2.71	2.41										2.56	2.71		
C213	1.98	1.65	1.65	1.65								1.65	2.06	1.65	
C214	1.36	1.13	1.36					2.04				1.36	1.13	1.36	
C215	2.9	2.9	2.58	2.58	2.42	1.93		1.93	2.25	2.58	1.93	2.25	2.25	2.9	2.42
C216	2.88	2.88	2.56	2.56	2.4	1.92		1.92	2.24	2.56	1.92	2.24	2.24	2.88	2.4

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

COURSE CODE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
C301	2.24	1.92	1.68	1.44	1.6	2.08							1.92	2.24	
C302	1.81	1.51	1.96	1.81								1.81	1.81	1.81	1.81
C303	2.12	1.82	1.59	1.36	1.51	1.97							1.82	2.12	
C304	2.16	2.7	1.47	1.47	1.96	1.96			1.96	2.61	1.96	2.55	2.45	2.29	2.45
C305	2.23	1.91	1.15	1.15		1.2	2.87	0.96		2.39		2.87	1.34	1.28	2.87
C306	2.93	2.93	2.6	2.6	2.44	1.95		1.95	2.28	2.6	1.95	2.28	2.28	2.93	2.44
C307	2.89	2.89	2.57	2.57	2.41	1.93		1.93	2.25	2.57	1.93	2.25	2.25	2.89	2.41
C308	2.93	2.93	2.6	2.6	2.44	1.95		1.95	2.28	2.6	1.95	2.28	2.28	2.93	2.44

COURSE CODE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
C309	2.26	1.78	0.97	1.13		1.13						2.75	1.46	1.29	
C310	2.21	1.94	1.24	1.24					2.65				1.94	1.94	1.47
C311	1.88	1.41	1.41	1.18				2.35				2.51	1.25	1.41	
C312	1.95	1.95	1.46	1.95	1.22	1.36			1.95	2.44	1.62	2.44	1.95	2.92	2.92
C313	2.26	1.89	2.28	1.31	1.31								1.89	1.89	1.89
C314	2.91	2.91	2.59	2.59	2.43	1.94		1.94	2.26	2.59	1.94	2.26	2.26	2.91	2.43
C315	2.92	2.92	2.6	2.6	2.44	1.95		1.95	2.27	2.6	1.95	2.27	2.27	2.92	2.44
C316	2.92	2.92	2.6	2.6	2.44	1.95		1.95	2.27	2.6	1.95	2.27	2.27	2.92	2.44

COURSE CODE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
C401	2.56	1.92		1.92	0.96	1.92							2.56	1.92	
C402	1.13	1.26	1.62	1.35	2.7	2.7					1.5	1.26	2.7	2.25	1.8
C403	1.87	2.4	1.6	1.6	1.6	1.6			2.4	2.4	2.13	2.13	2.4	1.87	1.87
C404						0.94	2.82	2.51	1.88	1.88	0.94	1.57			
C405	2.92	2.92	2.6	2.6	2.44	1.95		1.95	2.27	2.6	1.95	2.27	2.27	2.92	2.44

Coordinator
nternal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikarjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

C406	2.86	2.86	2.54	2.54	2.39	1.91		1.91	2.23	2.54	1.91	2.23	2.23	2.86	2.39
C407	1.64	2.69	1.79	0.9	2.69								0.9	1.64	1.94
C408	3	2.17	2.17			1					3	2.83	3	2	3
COURSE CODE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO1 2	PSO1	PSO2	PSO 3
C409	1.77	1.93	1.93	0.96	1.93					0.96		1.93	0.96	1.77	1.61
C410	2.75	1.83	1.83	1.83								2.75	2.38	1.83	
C411		0.94			0.94	0.94		0.94	0.94	0.94	0.94	0.94			
C412	2.86	1.43	1.27	0.95								0.95	0.95	0.95	1.91
C413	2.46	1.53	1.68	1.25		0.94				0.95		1.64	1.43	1.52	1.76
C414	2.39	1.91	1.91	1.91								1.91	2.39	1.91	
Direct attainment	2.39	2.2	1.94	1.84	2.02	1.67	2.33	1.9	2.12	2.39	1.84	2.17	1.95	2.23	2.2
Indirect attainment	2.85	2.65	2.6917	2.641667	2.725	2.641667	2.758333	2.73333	2.758333	2.658333	2.725	2.75	2.8083	2.6917	2.8
Overall attainment	2.48	2.29	2.09	2.00	2.16	1.86	2.41	2.06	2.24	2.44	2.01	2.28	2.12	2.32	2.32

Coordinator

Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

POTTI SRIRAMULU CHALAVADI MALLIKHARJUNA RAO
COLLEGE OF ENGINEERING & TECHNOLOGY
Approved by AICTE, NEW DELHI and Affiliated to JNTU, Kakinada
Sponsored by : SKPVV Hindu High Schools Committee, Estd : 1906
D.No. 7-3-6/1, Raghava Reddy Street, Kothapet, Vijayawada - 520 001.
Voice : 0866-2423442, 91777 77855, Fax : 0866-2423443, E-mail: principal@pscmr.ac.in, www.pscmr.ac.in

Deapartment of Computer Science and Engineering

CO Attainment

2017 Batch

OVERALL CO ATTAINMENT OF 2017 BATCH						
Semester-I						
Course Code	CO1	CO2	CO3	CO4	CO5	CO6
C101	3	2.99	3	2.978	2.956	3
C102	2.56	3	2.536	2.968	2.578	3
C103	3	2.96	2.97	3	2.99	2.96
C104	2.6	2.95	2.94	2.96	2.97	2.99
C105	2.99	3	2.99	2.94	2.96	2.96
C106	2.56	2.99	2.6	2.94	2.94	2.56
C107	3	2.99	2.99			
C108	3	2.99	3			
C109	3	2.99	3			
Semester-II						
C110	2.99	2.978	2.6	2.99	2.978	2.958
C111	3	3	2.536	2.958	2.578	2.59
C112	2.2	2.558	2.536	2.978	2.978	2.958
C113	3	2.556	2.6	3	2.956	2.944
C114	2.59	2.558	2.536	2.59	2.578	2.558
C115	2.19	2.936	2.99	2.948	2.526	2.99
C116	2.978	2.948	2.978			
C117	3	2.99	3			
C118	3	3	3			

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

Semester-III						
C201	1.656	2.854	2.86	2.868	2.428	2.83
C202	1.672	2.86	2.844	2.842	2.442	2.462
C203	2.49	2.89	2.868	2.866	2.85	2.87
C204	2.518	2.512	2.498	2.47	2.468	2.452
C205	2.474	2.868	2.466	2.864	2.878	2.88
C206	2.866	2.842	2.822	2.824	2.832	2.836
C207	2.948	2.948	2.948			
C208	2.948	2.948	2.948			
Semester-IV						
C209	2.48	2.466	2.456	2.452	2.05	2.456
C210	2.864	2.836	2.436	2.836	2.844	2.836
C211	2.876	2.458	2.876	2.466	2.462	2.444
C212	2.864	2.436	2.436	2.836	2.844	2.836
C213	2.49	2.49	2.468	2.466	2.45	2.47
C214	2.056	2.038	2.044	2.03	2.026	2.032
C215	2.9	2.9	2.9			
C216	2.876	2.876	2.876			
Semester-V						
C301	2.9	2.88	2.88	2.88	2.86	2.86
C302	2.92	2.92	2.92	2.5	2.5	2.5
C303	2.92	2.52	2.52	2.5	2.92	2.94
C304	2.96	2.94	2.94	2.94	2.94	2.94
C305	2.9	2.88	2.88	2.84	2.84	2.86
C306	2.94	2.92	2.92			
C307	2.9	2.9	2.88			
C308	2.94	2.94	2.92			
Semester-VI						
C309	2.92	2.92	2.92	2.92	2.9	2.88
C310	2.56	2.52	2.12	2.9	2.92	2.9
C311	2.9	2.9	2.5	2.88	2.88	2.86
C312	2.94	2.92	2.92	2.9	2.92	2.9
C313	2.92	2.92	2.5	2.88	2.88	2.88
C314	2.92	2.9	2.92			

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikarjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

C315	2.92	2.92	2.92			
C316	2.92	2.92	2.92			
Semester-VII						
C401	2.9	2.9	2.86	2.86	2.9	2.88
C402	2.9	2.88	2.92	2.5	2.52	2.5
C403	2.46	2.4	2.36	2.4	2.38	2.42
C404	2.9	2.88	2.88	2.88	2.88	2.48
C405	2.92	2.92	2.92			
C406	2.86	2.86	2.86			
C407	2.5	2.48	2.5	2.9	2.88	2.86
C408	2.9	2.9	2.48	2.48	2.48	2.48
Semester- VIII						
C409	2.92	2.9	2.88	2.9	2.88	2.88
C410	2.9	2.88	2.88	2.48	2.86	2.88
C411	2.92	2.9	2.88	2.88	2.46	2.46
C412	2.9	2.86	2.88	2.84	2.86	2.82
C413	2.94	2.94	2.92	2.94		
C414	2.88	2.87	2.87	2.86	2.85	2.87

Coordinator

Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

POTTI SRIRAMULU CHALAVADI MALLIKHARJUNA RAO
COLLEGE OF ENGINEERING & TECHNOLOGY
Approved by AICTE, NEW DELHI and Affiliated to JNTU, Kakinada
Sponsored by : SKPVV Hindu High Schools Committee, Estd : 1906
D.No. 7-3-6/1, Raghava Reddy Street, Kothapet, Vijayawada - 520 001.
Voice : 0866-2423442, 91777 77855, Fax : 0866-2423443, E-mail: principal@pscmr.ac.in, www.pscmr.ac.in

Department of Computer Science and Engineering

Direct and Indirect PO/PSO Attainment

2019-20 Academic Year **2016 BATCH**

COURSE CODE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO 2	PSO 3
C101									2.31	2.98	1.66	2.98			
C102	1.91	1.03		0.88								2.64	0.88		
C103	2.98					0.99	0.99					1.99			
C104	2.56	2.56	2.42	2.39					0.85			1.71	2.56	1.71	
C105	1.81	0.9		0.9								2.71	0.9		
C106	2.57					1.85		1.85		2.43					
C107	2.99	2.99	2.66	2.66	2.49	1.99		1.99	2.32	2.66	1.99	2.32	2.32	2.99	2.49
C108	3	3	2.67	2.67	2.5	2		2	2.33	2.67	2	2.33	2.33	3	2.5
C109	2.97	2.97	2.64	2.64	2.48	1.98		1.98	2.31	2.64	1.98	2.31	2.31	2.97	2.48

COURSE CODE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO 2	PSO 3
C110									2.1	2.75	1.62	2.75			
C111	2.57	2.57		1.85								1.71			
C112	1.66		0.9		0.9	0.9						2.26			
C113	1.62					0.97	2.92	1.62				2.27			
C114	1.05	2.7	0.9	0.9					1.8			2.1	1.05	2.7	0.9

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

C115	2.64	1.76				1.76						1.76	2.64		
C116	2.99	2.99	2.66	2.66	2.49	1.99		1.99	2.32	2.66	1.99	2.32	2.32	2.99	2.49
C117	3	3	2.67	2.67	2.5	2		2	2.33	2.67	2	2.33	2.33	3	2.5
C118	2.98	2.98	2.65	2.65	2.48	1.99		1.99	2.31	2.65	1.99	2.31	2.31	2.98	2.48

COURSE CODE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO 2	PSO 3
C201	2.53	2.6	2.44	2.6	2.92							1.95	2.44		
C202	1.85	1.16	0.66	0.66	1.32							0.88			
C203	1.53	1.42	0.98	0.85	0.76							1.73	1.32	1.32	
C204	2.46	2.29	1.57	1.38	1.48	1.23						2.79	2.13	2.13	
C205	1.41											2.25	0.84		
C206	2.32	1.45	0.83	0.83	1.66								1.11		
C207	2.95	2.95	2.62	2.62	2.46	1.97		1.97	2.3	2.62	1.97	2.3	2.3	2.95	2.46
C208	2.96	2.96	2.63	2.63	2.47	1.97		1.97	2.3	2.63	1.97	2.3	2.3	2.96	2.47

COURSE CODE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO 2	PSO 3
C209	1.7									1.7	2.55	1.7		1.7	2.55
C210	1.86	1.55	1.24	1.24				1.86	1.86	2.17	1.55	1.86	1.55	1.55	
C211	2.59	2.02	1.15	1.15					2.59		1.55	2.59	1.44	1.44	1.55
C212	2.83	2.52										2.05	2.83		
C213	2.49	2.49										1.87	1.87	0.93	
C214	1.47	1.17	0.88					2.64				1.76	0.88	0.88	
C215	2.73	2.73	2.43	2.43	2.28	1.82		1.82	2.12	2.43	1.82	2.12	2.12	2.73	2.28
C216	2.83	2.83	2.52	2.52	2.36	1.89		1.89	2.2	2.52	1.89	2.2	2.2	2.83	2.36

Coordinator

COURSE CODE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO 2	PSO 3
C301	2.21	1.9	1.66	1.42	1.58	2.05							1.9	2.21	

Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

C302	2.26	1.94	1.7	1.46	1.62	2.1							1.94	2.26	
C303	2.22	1.9	1.66	1.43	1.58	2.06							1.9	2.22	
C304	1.96	2.45	1.34	1.34	1.78	1.78			1.78	2.37	1.78	2.31	2.23	2.08	2.23
C305	2.19	1.88	1.13	1.13		1.18	2.82	0.94		2.35		2.82	1.32	1.25	2.82
C306	2.89	2.89	2.57	2.57	2.41	1.93		1.93	2.25	2.57	1.93	2.25	2.25	2.89	2.41
C307	2.8	2.8	2.49	2.49	2.34	1.87		1.87	2.18	2.49	1.87	2.18	2.18	2.8	2.34
C308	2.95	2.95	2.62	2.62	2.46	1.97		1.97	2.3	2.62	1.97	2.3	2.3	2.95	2.46

COURSE CODE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO 2	PSO 3
C309	2.03	1.6	0.87	1.02		1.02						2.47	1.31	1.16	
C310	2.38	2.1	1.33	1.33					2.86				2.1	2.1	1.59
C311	1.83	1.37	1.37	1.14				2.29				2.44	1.22	1.37	
C312	1.76	1.72	1.28	1.44	1.34	1.28			1.91	2.39	1.6	2.39	1.72	1.72	1.72
C313	2.23	1.91	1.91	1.91								1.91	2.39	1.91	
C314	2.81	2.81	2.5	2.5	2.34	1.87		1.87	2.18	2.5	1.87	2.18	2.18	2.81	2.34
C315	2.88	2.88	2.56	2.56	2.4	1.92		1.92	2.24	2.56	1.92	2.24	2.24	2.88	2.4
C316	2.89	2.89	2.57	2.57	2.41	1.93		1.93	2.25	2.57	1.93	2.25	2.25	2.89	2.95

COURSE CODE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO 2	PSO 3
C401	2.17	1.63		1.63	0.81	1.63							2.17	1.63	
C402	2.4	1.8		1.8	0.9	1.8							2.4	1.8	
C403	2.21	2.84	1.89	1.89	1.89	1.89			2.84	2.84	2.53	2.52	2.84	2.21	2.21
C404						0.97	2.9	2.58	1.93	1.93	0.97	1.61			
C405	2.91	2.91	2.59	2.59	2.43	1.94	1.97	1.94	2.26	2.59	1.94	2.26	2.26	2.91	2.95
C406	2.95	2.95	2.62	2.62	2.46	1.97		1.97	2.3	2.62	1.97	2.3	2.3	2.95	2.46
C407	1.49	2.43	1.62	0.81	2.43								0.81	1.49	1.76
C408	2.58	1.86	1.86			0.86					2.58	2.44	2.58	1.72	2.58

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

COURSE CODE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO 2	PSO 3
C409	1.94	1.94	1.16	1.16								2.91	1.36	1.29	2.91
C410	2.54	1.69	1.69	1.69								2.54	2.2	1.69	
C411	1.93	1.36	1.16	1.16	1.16	1.13		2.12						1.45	
C412	2.51	1.26	1.12	0.84								0.84	0.84	0.84	1.67
C413	2.39	1.67	1.68	1.6		0.96				2.87		2.39	0.96	2.87	1.91
C414	2.39	1.91	1.91	1.91								1.91	2.39	1.91	
Direct attainment	2.37	2.22	1.85	1.81	2	1.67	2.32	1.96	2.19	2.53	1.91	2.2	1.92	2.17	2.3
Indirect attainment	2.70	2.68	2.70	2.58	2.61	2.71	2.70	2.81	2.76	2.71	2.69	2.68	2.61	2.73	2.64
Overall attainment	2.44	2.31	2.02	1.96	2.12	1.88	2.4	2.13	2.3	2.57	2.07	2.3	2.06	2.28	2.37

Coordinator

Internal Quality Assessment Committee

PRINCIPAL

Potti Sriramulu Chalavadi Mallikharjuna Rao

College of Engineering & Technology

Kothapet, VIJAYAWADA-520 001.

POTTI SRIRAMULU CHALAVADI MALLIKHARJUNA RAO
COLLEGE OF ENGINEERING & TECHNOLOGY
Approved by AICTE, NEW DELHI and Affiliated to JNTU, Kakinada
Sponsored by : SKPVV Hindu High Schools Committee, Estd : 1906
D.No. 7-3-6/1, Raghava Reddy Street, Kothapet, Vijayawada - 520 001.
Voice : 0866-2423442, 91777 77855, Fax : 0866-2423443, E-mail: principal@pscmr.ac.in, www.pscmr.ac.in

Department of Computer Science and Engineering

CO Attainment – 2016 Batch

OVERALL CO ATTAINMENT OF 2016 BATCH						
Semester-I						
Course Code	**CO1**	**CO2**	**CO3**	**CO4**	**CO5**	**CO6**
C101	2.99	2.98	2.96	2.99	3	2.97
C102	2.2	3	2.536	2.558	2.548	3
C103	3	2.958	3	2.99	2.978	2.958
C104	2.19	2.56	2.94	2.58	2.57	2.54
C105	2.59	2.96	2.94	2.59	2.6	2.56
C106	2.2	2.56	2.54	3	2.58	2.54
C107	2.99	2.99	3			
C108	2.99	3	3			
C109	2.968	2.968	2.968			
Semester-II						
C110	2.99	2.99	2.548	3	2.99	2.968
C111	1.8	3	2.578	2.536	2.558	2.958
C112	1.788	2.988	2.546	3	2.988	2.968
C113	3	3	2.544	3	3	2.966
C114	2.19	2.568	2.536	3	2.99	2.936
C115	2.6	2.568	2.936	2.6	2.578	2.558
C116	3	2.99	2.99			
C117	3	3	3			
C118	2.99	2.978	2.958			
Semester-III						
C201	2.932	2.912	2.914	2.92	2.912	2.914
C202	1.72	2.112	2.118	2.116	2.118	1.716
C203	2.12	1.706	1.704	1.696	2.088	1.692
C204	2.96	2.95	2.95	2.938	2.94	2.946

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

C205	2.546	2.532	2.526	2.528	2.53	2.53
C206	2.51	2.488	2.482	2.49	2.488	2.49
C207	2.948	2.948	2.948			
C208	2.964	2.964	2.964			
Semester-IV						
C209	2.108	2.9	2.884	2.468	2.478	2.48
C210	2.876	2.854	2.86	2.856	2.848	2.452
C211	2.868	2.842	2.86	2.454	2.444	2.052
C212	2.864	2.83	2.806	2.816	2.82	2.83
C213	2.894	2.476	2.866	2.852	2.85	2.876
C214	2.496	2.902	2.904	2.49	2.504	2.522
C215	2.87	2.47	2.87			
C216	2.83	2.83	2.83			
Semester-V						
C301	2.854	2.862	2.852	2.834	2.832	2.828
C302	2.924	2.904	2.9	2.91	2.906	2.898
C303	2.856	2.852	2.842	2.856	2.85	2.848
C304	2.88	2.882	2.876	2.462	2.468	2.464
C305	2.838	2.824	2.814	2.816	2.816	2.834
C306	2.886	2.886	2.886			
C307	2.798	2.808	2.802			
C308	2.948	2.948	2.948			
Semester-VI						
C309	2.83	2.82	2.79	2.39	2.4	2.4
C310	2.88	2.88	2.87	2.85	2.85	2.85
C311	2.89	2.88	2.884	2.86	2.474	2.434
C312	2.88	2.87	2.87	2.87	2.85	2.86
C313	2.883516	2.87033	2.872527	2.861538	2.846154	2.868132
C314	2.822	2.804	2.814			
C315	2.876	2.876	2.876			
C316	2.89	2.89	2.89			
Semester-VII						
C401	2.52	2.5	2.52	2.5	2.12	2.5
C402	2.86	2.82	2.44	2.82	2.44	2.82

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

C403	2.52	2.9	2.92	2.9	2.92	2.9
C404	2.92	2.86	2.92	2.9	2.92	2.9
C405	2.91	2.91	2.91			
C406	2.948	2.948	2.948			
C407	2.48	2.5	2.48	2.5	2.12	2.5
C408	2.92	2.5	2.52	2.5	2.52	2.5
Semester- VIII						
C409	2.92	2.9	2.92	2.9	2.92	2.9
C410	2.906	2.898	2.906	2.902	2.912	2.902
C411	2.546	2.54	2.532	2.544	2.54	2.536
C412	2.526	2.518	2.506	2.5	2.512	2.516
C413	2.88	2.87	2.87	2.86		
C414	2.88	2.87	2.87	2.86	2.85	2.87

Coordinator

Internal Quality Assessment Committee

PRINCIPAL

Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

POTTI SRIRAMULU CHALAVADI MALLIKHARJUNA RAO
COLLEGE OF ENGINEERING & TECHNOLOGY
Approved by AICTE, NEW DELHI and Affiliated to JNTU, Kakinada
Sponsored by : SKPVV Hindu High Schools Committee, Estd : 1906
D.No. 7-3-6/1, Raghava Reddy Street, Kothapet, Vijayawada - 520 001.
Voice : 0866-2423442, 91777 77855, Fax : 0866-2423443, E-mail: principal@pscmr.ac.in, www.pscmr.ac.in

Department of Computer Science and Engineering

Direct and Indirect PO/PSO Attainment

2018-19 Academic Year **2015 BATCH**

COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
C101									2	2	2	2			
C102	2	2		2								2	2		
C103	2	2	2	2	2	2	2				2	2			
C104	2	2	2	2					2			2	2	2	2
C105	3					3	3	3				3			
C106	2	2				2						2			
C107									3	3	3	3			
C108		3	3	3	3	3					3	3			
C109	3	3	3	3				3	3			3	3	3	3
C110									3	3	3	3			
C111	3	3		3								3	3		
C112	2	2										2			
C113	3	3		3								3	3		
C114	2					2		2	2						
C115					2					2		2			2
C116									2	3	1	3			
C117	3	3							3			3			
C118	3	3	3	3	3	3	3	3	3	3	3				

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

C201	2	2	2	2		2			2	2	2		2	2	
C202	2	2	2	2				2				2	2	2	2
C203	3	3	3	3								3	3	3	3
C204	2	2	2	2		2						2	2	2	
C205	3	3	3	3		3			3	3	3		3	3	
C206	3	3	3			3					3	3	3	3	3
C207	3	3	3		3	3		3				3	3	3	3
C208	3	3	3	3	3					3					
C209	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
C210	2.01	1.41		1.77		1.68					0.97	2.43	1.66		
C211	1.47	1.62	1.34	2.18	2.18	2.18		1.31	0.71	1.91	0.74	1.34	1.67	1.6	1.47
C212	2.15	1.86	1.3	1.3					2.39		1.89	2.31	1.73	1.73	1.89
C213	1.51	1.28										2.03	0.96	0.79	
C214	1.39	1.39	1.52						1.39			1.71	1.39		
C215	2.85	2.85	1.9	1.9				2.85	2.85		2.85	2.85	2.85	2.85	2.85
C216	2.85	2.85	2.85	2.85	2.85		1.9	1.9	1.9	1.9	2.85	1.9	1.9	2.85	1.9
C217	2.85	2.85	2.85		1.9	1.9		2.85				2.85	2.85	2.85	2.85
C301	1.99	1.07	1.61	1.39	1.57								1.86	2.2	
C302	0.74	0.77	0.76										0.99		
C303	1.2	0.97	0.7					2.09				1.4	0.7	0.74	
C304	1.55	1.16	0.96		1.54	1.16					0.77		0.77	1.16	1.28
C305	1.68	1.65	1.07									1.59	1.4	1.4	
C306	2.85	2.85	1.9	1.9	1.9							2.85	2.85	2.85	2.85
C307	0.94	0.94	0.94	0.94	0.94	0.94	2.82	0.94			0.94	1.88	0.94	0.94	0.94
C308	0.96	0.96	0.96		0.96	0.96					0.96		0.96	0.96	0.96
C309	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
C310	2.18	1.8	1.16								1.54	2.31	1.54	1.54	1.54
C311	1.11	0.93	0.64	0.64					1.4			1.38	0.62	0.62	0.57

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikarjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

C312	0.9	0.9	0.9	0.89		0.88		0.96				1.85	0.9	0.9	0.9
C313	1.77	1.21	0.85	1.46	1.54	1.12		2.19	2.07	2.07	1.64	1.9	1.21	1.46	0.98
C314	0.62	0.48	0.34	0.4	0.91	0.91		0.91		0.91		0.91	0.91	0.91	
C315	0.97	0.97	0.97			0.97	2.9	0.97				1.93	0.97	0.97	
C316	2.89				1.93	1.93	2.89						2.89	2.89	2.89
C317	2.87	2.87	1.91	1.91				2.87				2.87	2.87	2.87	2.87
C318	2.89	2.89	1.93		1.93	1.93			2.89	2.89	2.89	2.89	2.89	2.89	2.89
C401	1.03	0.86		0.83		0.83						0.82	0.86	0.7	
C402	0.94	0.94	0.6	0.6	0.69							1.27	1.06	0.86	1.06
C403	0.81	0.84		0.89			2.65	0.89				1.52		0.84	
C404	1.9	2.06	1.43	1.52	1.66	1.43	2.14	1.58	2.28	2.47	2.38	2.61	1.66	2.85	2.85
C405A	1.1	1.13	0.68	0.68								1.69	0.81	0.76	1.69
C406	2.82	2.82	1.88		1.88							2.82		2.82	2.82
C407	2.89	2.89	1.93		1.93							2.89		2.89	2.89
C408	1.9	0.95	0.95	0.95								2.85	0.95	0.95	0.95
C409	2.83	0.94	1.89		1.89	1.89		0.94				2.83	2.83	2.83	
C410	1.77	1.88	1.06	1.06								2.82	1.29	1.2	2.82
C411	1.85	1.3	1.11	1.11	1.11	1.09		2.03						1.39	
C412	2.04	2.82	0.94	1.25	1.13	1.17	2.82	1.88			1.25	2.35	1.41	1.41	1.41
C413	0.78	0.78	0.83	0.78	0.89				1.46			2.15		0.85	0.86
C414	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83
Direct attainment	2.06	1.94	1.7	1.8	1.87	1.86	2.53	2	2.26	2.39	2.06	2.3	1.85	1.88	2.05
Indirect attainment	2.75	2.75	2.71	2.67	2.68	2.72	2.7	2.75	2.74	2.72	2.72	2.73	2.69	2.66	2.79
Overall attainment	2.2	2.1	1.9	1.97	2.03	2.03	2.56	2.15	2.36	2.46	2.19	2.39	2.02	2.04	2.2

Coordinator

Internal Quality Assessment Committee

PRINCIPAL

Potti Sriramulu Chalavadi Mallikharjuna Rao

College of Engineering & Technology

Kothapet, VIJAYAWADA-520 001.

POTTI SRIRAMULU CHALAVADI MALLIKHARJUNA RAO
COLLEGE OF ENGINEERING & TECHNOLOGY
Approved by AICTE, NEW DELHI and Affiliated to JNTU, Kakinada
Sponsored by : SKPVV Hindu High Schools Committee, Estd : 1906
D.No. 7-3-6/1, Raghava Reddy Street, Kothapet, Vijayawada - 520 001.
Voice : 0866-2423442, 91777 77855, Fax : 0866-2423443, E-mail: principal@pscmr.ac.in, www.pscmr.ac.in

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

2018 -2022 BATCH PO/PSO ATTAINMENTS

Direct PO & PSO Attainments for 2018 - 2022 Batch

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
1st Semester																
C111	1.21	0.93	1.21							2.80		1.87				
C112	1.14	2.57	1.14	1.71						0.86		1.71				
C113	0.80	0.91	0.91	0.85						0.68		1.36				
C114	0.87	1.46	0.97	0.91						1.09		1.46				
C115	1.08	1.80	1.65	1.12						1.62		1.80				
C116	1.08	0.90	0.90	0.90			1.80			1.62		1.80				
C117	0.95	0.95	2.84	1.89			2.84			0.95		0.95				
C118	0.95	0.95	0.95	1.89			1.89			2.84		0.95				
C119	0.95	0.95	1.89	0.95			2.84			2.84		0.95				

Coordinator

Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
2nd Semester																
C121	1.16	2.12	1.93				1.93			1.44		1.93				
C122	1.17	2.62	1.17	1.75						0.87		1.75				
C123	1.21	2.72	1.21	1.81						1.13		1.81				
C124	1.01	1.16	1.16	1.09						0.87		1.74				1.01
C125	0.82	0.94	1.18	0.88						2.12		1.41				0.82
C126	0.95	0.95	0.95	0.95						2.84		0.95				0.95
C127	0.95	0.95	0.95	0.95						1.89		0.95				0.95
C128	0.95	0.95	1.42	0.95						0.95		1.42				0.95

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
3rd Semester																
C211	1.82	2.24	2.11										1.68	2.53	1.68	1.68
C212	1.18	2.22					2.67	1.24	1.24	1.78	0.89	1.60	1.78	1.47	1.33	1.03
C213	1.28	0.86	1.14										0.86			
C214	2.72	1.81	1.81										2.35	1.81		0.91

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001

C215	1.67	1.67	1.67	1.67		2.51	2.51					1.67	2.18	1.67		1.67
C216	2.49	2.22	1.78									1.78	2.36	2.07		
C217	1.91	1.91					2.87					1.91	0.96	1.91		
C218	1.91	1.91	1.91	2.87					1.91				2.39	1.91	1.91	1.44

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
4th Semester																
C221	2.03	2.18	1.74	1.74									2.32	1.74	2.03	1.74
C222	2.72	1.96	1.27	1.13	2.72	1.36	1.21			1.81	1.59	1.50	2.27	1.66	0.91	1.81
C223	2.65	2.21	1.61	1.62	2.65										2.36	
C224	1.54	1.68	1.40	1.26	1.54							2.38			1.40	1.68
C225	1.33	2.35	1.17									0.88	0.88		2.50	1.03
C226	2.00	1.78	0.89					1.78	1.78	1.78	2.66					**0.89**
C227	2.87	2.87	1.91						2.87	1.91		1.91	2.87			1.91
C228	0.96		0.96		1.91										0.96	

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
5th Semester																

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001

C311	1.73	1.90	1.21	1.13	1.04	1.73						1.13	1.13			
C312	2.69	1.79	1.79										2.33	1.79		0.90
C313	2.33	1.67		1.67			1.00				1.00	0.97			2.50	
C314	2.56	1.71	0.85			2.56	2.56	2.56				2.56				1.71
C315	1.52	2.12	1.35	1.10	1.02	1.69	0.85						1.02		0.85	
C316	2.00	2.00	2.00	3.00					3.00				3.00	2.60	2.00	1.00
C317	2.00	2.00	2.00	3.00					3.00				3.00	2.60	2.00	1.00
C318	2.00	2.00	2.00	3.00					3.00				3.00	2.60	2.00	1.00
C319	2.92	2.92	1.94						2.92	1.94		1.94	2.92			1.94

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
6th Semester																
C321	1.21	2.52	0.93									0.93	0.93		2.80	0.93
C322	1.42	1.64	1.78	1.64			1.07							1.07	0.93	
C323	1.88	0.94	0.94	0.94	1.41						0.94			1.22		2.16
C324	2.08	1.44	0.96							2.89	0.96	1.44				2.08
C325	1.21	1.04	0.00		0.87	0.87	1.08				1.13	1.02	0.87		1.74	0.87
C326	2.00	2.00	2.00	3.00					3.00				3.00	2.60	2.00	1.00
C327	2.00	2.00	2.00	3.00					3.00				3.00	2.60	2.00	1.00

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikarjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
7th Semester																
C411	2.00	2.00	2.00	3.00					3.00				3.00	2.60	2.00	1.00
C412	2.22	2.27	2.33	2.29			2.20					2.33			2.27	
C413	2.67	2.67	2.67			2.68	2.66					2.67		2.67		2.64
C414	2.68					2.63							2.65	2.64	2.72	2.64
C415	2.22	2.27	2.33	2.29			2.34					2.33			2.27	
C416	2.81	2.81	2.82			2.83	2.83					2.81		2.81		2.81
C417	2.00	2.00	2.00	3.00	2.00				2.00				2.00	2.75	2.40	
C418	2.00	1.00	1.00	1.00				2.00	1.00	3.00		3.00			3.00	

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
8th Semester																
C421	2.62	2.61	2.68										2.64	2.64		2.64
C422	2.64	2.67	2.60		2.72	2.62						2.64		2.64	2.59	2.64
C423	2.59	2.61	2.71	2.69	2.71	2.64	2.64					2.66		2.64		2.64
C424	2.64	2.63	2.60	2.71	2.56	2.64	2.64					2.64			2.64	

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

C425	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
Direct PO-Attainment	1.81	1.87	1.63	1.80	2.01	2.29	2.16	2.12	2.48	1.82	1.52	1.77	2.16	2.24	2.03	1.56

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
Indirect PO-Attainment	2.9	3	3	2.96	3	2.75	2.98	2.7	3	2.8	3	2.65	2.89	2.6	2.8	3

Indirect PO Attainment

Overall Levels of attainment

Overall PO & PSO attainment for 2018-2022 Batch

PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
Direct PO& PSO Attainment	1.81	1.87	1.63	1.80	2.01	2.29	2.16	2.12	2.48	1.82	1.52	1.77	2.16	2.24	2.03	1.56
Indirect PO& PSO attainment	2.9	3	3	2.96	3	2.75	2.98	2.7	3	2.8	3	2.65	2.89	2.6	2.8	3
80% of Direct PO/PSO Attainment	1.44	1.49	1.30	1.44	1.61	1.83	1.73	1.69	1.98	1.46	1.22	1.41	1.72	1.79	1.62	1.25
20% of Indirect PO/PSO Attainment	0.58	0.6	0.6	0.592	0.6	0.55	0.596	0.54	0.6	0.56	0.6	0.53	0.578	0.52	0.56	0.6
Overall PO & PSO Attainments	2.02	2.09	1.90	2.04	2.21	2.38	2.33	2.23	2.58	2.02	1.82	1.94	2.30	2.31	2.18	1.85

Coordinator

Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

POTTI SRIRAMULU CHALAVADI MALLIKHARJUNA RAO
COLLEGE OF ENGINEERING & TECHNOLOGY
Approved by AICTE, NEW DELHI and Affiliated to JNTU, Kakinada
Sponsored by : SKPVV Hindu High Schools Committee, Estd : 1906
D.No. 7-3-6/1, Raghava Reddy Street, Kothapet, Vijayawada - 520 001.
Voice : 0866-2423442, 91777 77855, Fax : 0866-2423443, E-mail: principal@pscmr.ac.in, www.pscmr.ac.in

2018-2022 Batch CO ATTAINMENTS

Record of attainment of course outcomes of all courses with respect to set attainment levels for 2018-2022 Batch.

COURSE CODE	COURSE NAME	ATTAINMENTS	CO Attainments					
			CO1	CO2	CO3	CO4	CO5	CO6
C111	English - I	Direct	2.9	2.9	2.7	3	3	2.7
		Indirect	2.45	2.6	2.45	2.55	2.55	2.6
		Overall	2.81	2.84	2.65	2.91	2.91	2.68
C112	Mathematics – I	Direct	2.6	2.4	2.4	2.6	2.6	2.4
		Indirect	2.95	2.75	2.85	2.85	2.95	2.7
		Overall	2.67	2.47	2.49	2.65	2.67	2.46
C113	Applied Chemistry	Direct	1.8	1.8	1.8	2.1	2	1.9
		Indirect	2.65	2.65	2.55	2.6	2.6	2.7
		Overall	1.97	1.97	1.95	2.2	2.12	2.06
C114	Engineering Mechanics	Direct	1.9	1.8	1.8	2.3	2.3	2.3
		Indirect	2.75	2.65	2.7	2.55	2.65	2.7
		Overall	2.07	1.97	1.98	2.35	2.37	2.38
C115	Computer	Direct	2.5	2.6	2.5	2.9	2.9	2.8

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

	Programming	Indirect	2.8	2.6	2.6	2.6	2.8	2.7
		Overall	2.56	2.6	2.52	2.84	2.88	2.78
C116	Environmental Studies	Direct	2.7	2.7	2.4	2.9	3	2.7
		Indirect	2.65	2.5	2.55	2.5	2.55	2.5
		Overall	2.69	2.66	2.43	2.82	2.91	2.66
C117	Applied / Engineering Chemistry Laboratory	Direct	3	3	3	3	3	3
		Indirect	2.5	2.4	2.3	2.25	2.4	2.45
		Overall	2.75	2.70	2.65	2.63	2.70	2.73
C118	English-Communication Skills Laboratory -I	Direct	3	3	3	3	3	3
		Indirect	2.5	2.4	2.3	2.25	2.4	2.45
		Overall	2.75	2.70	2.65	2.63	2.70	2.73
C119	Computer Programming Laboratory	Direct	3	3	3	3	3	3
		Indirect	2.25	2.25	2.1	2.1	2.3	2.25
		Overall	2.63	2.63	2.55	2.55	2.65	2.63
C121	English - II	Direct	3	3	2.7	3	3	2.7
		Indirect	2.95	2.75	2.85	2.85	2.95	2.7
		Overall	2.99	2.95	2.73	2.97	2.99	2.7
C122	Mathematics – II (Mathematical Methods)	Direct	2.5	2.4	2.4	2.9	2.6	2.6
		Indirect	2.95	2.75	2.85	2.85	2.95	2.7
		Overall	2.59	2.47	2.49	2.89	2.67	2.62
C123	Mathematics – III	Direct	2.8	2.6	2.5	2.9	2.7	2.6
		Indirect	2.95	2.75	2.85	2.85	2.95	2.7

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

		Overall	2.83	2.63	2.57	2.89	2.75	2.62
C124	Applied Physics	Direct	2.7	2.4	2.4	2.7	2.7	2.4
		Indirect	2.95	2.75	2.85	2.85	2.95	2.7
		Overall	2.75	2.47	2.49	2.73	2.75	2.46
C125	Electrical Circuit Analysis - I	Direct	2	2	1.7	2	2	1.9
		Indirect	2.95	2.75	2.85	2.85	2.95	2.7
		Overall	2.19	2.15	1.93	2.17	2.19	2.06
C127	English - Communication Skills Laboratory - II	Direct	3	3	3	3	3	3
		Indirect	2.5	2.4	2.3	2.25	2.4	2.45
		Overall	2.75	2.70	2.65	2.63	2.70	2.73
C128	Applied / Engineering Physics Laboratory	Direct	3	3	3	3	3	3
		Indirect	2.5	2.4	2.4	2.25	2.4	2.45
		Overall	2.75	2.70	2.70	2.63	2.70	2.73
C1210	Eng. Workshop & IT Workshop	Direct	3	3	3	3	3	3
		Indirect	2.3	2.4	2.3	2.25	2.4	2.4
		Overall	2.65	2.70	2.65	2.63	2.70	2.70
C211	Electrical Circuit Analysis - II	Direct	2.4	2.4	2.4	2.7	2.7	2.6
		Indirect	2.6	2.4	2.5	2.6	2.45	2.45
		Overall	2.44	2.4	2.42	2.68	2.65	2.57
C212	Electrical Machines-I	Direct	2.4	2.7	2.7	2.5	2.7	2.7
		Indirect	2.8	2.8	2.85	2.9	2.9	2.9
		Overall	2.48	2.72	2.73	2.58	2.74	2.74

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

C213	Basic Electronics and Devices	Direct	2.7	2.7	2.7	2.4	2.4	2.4
		Indirect	2.65	2.65	2.7	2.45	2.7	2.6
		Overall	2.69	2.69	2.7	2.41	2.46	2.44
C214	Electro Magnetic Fields	Direct	2.7	2.7	2.7	2.7	2.7	2.7
		Indirect	2.7	2.8	2.8	2.7	2.85	2.85
		Overall	2.7	2.72	2.72	2.7	2.73	2.73
C215	Thermal and Hydro Prime Movers	Direct	2.7	2.4	2.7	2.4	2.5	2.7
		Indirect	2.38	2.27	2.34	2.25	2.25	2.21
		Overall	2.636	2.374	2.628	2.37	2.45	2.602
C216	Managerial Economics & Financial Analysis	Direct	2.7	2.7	2.7	2.7	2.6	2.7
		Indirect	2.55	2.75	2.7	2.7	2.4	2.4
		Overall	2.67	2.71	2.7	2.7	2.56	2.64
C217	Thermal and Hydro Laboratory	Direct	3	3	3	3	3	3
		Indirect	2.4	3	2.5	3	2.2	3
		Overall	2.70	3.00	2.75	3.00	2.60	3.00
C218	Electrical Circuits Laboratory	Direct	3	3	3	3	3	3
		Indirect	2.75	2.6	2.4	2.65	2.55	2.55
		Overall	2.88	2.80	2.70	2.83	2.78	2.78
C221	Electrical Measurements	Direct	2.7	2.7	2.7	2.7	2.7	2.7
		Indirect	2.38	2.27	2.34	2.25	2.25	2.21
		Overall	2.64	2.61	2.63	2.61	2.61	2.60
C222	Electrical	Direct	2.7	2.7	2.7	2.7	2.7	2.6

Coordinator
Internal Quality Assessment Committee

PRINCIPAL.
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

	Machines-II	Indirect	2.8	2.8	2.85	2.9	2.9	2.9
		Overall	2.72	2.72	2.73	2.74	2.74	2.66
C223	Switching Theory and Logic Design	Direct	2.6	2.7	2.7	2.7	2.7	2.7
		Indirect	2.6	2.4	2.5	2.6	2.45	2.45
		Overall	2.6	2.64	2.66	2.68	2.65	2.65
C224	Control Systems	Direct	2.4	2.7	2.7	2.4	2.4	2.4
		Indirect	2.65	2.65	2.7	2.45	2.7	2.6
		Overall	2.45	2.69	2.7	2.41	2.46	2.44
C225	Power Systems-I	Direct	2.7	2.7	2.7	2.6	2.4	2.6
		Indirect	2.7	2.8	2.8	2.7	2.85	2.85
		Overall	2.7	2.72	2.72	2.62	2.49	2.65
C226	Management Science	Direct	2.7	2.7	2.7	2.7	2.7	2.6
		Indirect	2.55	2.75	2.7	2.7	2.4	2.4
		Overall	2.67	2.71	2.7	2.7	2.64	2.56
C227	Electrical Machines -I Laboratory	Direct	3	3	3	3	3	3
		Indirect	2.75	2.6	2.4	2.65	2.55	2.55
		Overall	2.88	2.80	2.70	2.83	2.78	2.78
C228	Electronic Devices & Circuits Laboratory	Direct	3	3	3	3	3	3
		Indirect	2.4	3	2	3	2.45	3
		Overall	2.70	3.00	2.50	3.00	2.73	3.00
C311	Power Systems-II	Direct	2.7	2.7	2.6	2.7	2.7	2.7
		Indirect	2.46	2.21	2.20	2.23	2.14	2.25

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

		Overall	2.65	2.60	2.52	2.61	2.59	2.61
C312	Renewable Energy Sources	Direct	2.7	2.6	2.6	2.7	2.7	2.7
		Indirect	2.7	2.8	2.8	2.7	2.85	2.85
		Overall	2.7	2.64	2.64	2.7	2.73	2.73
C313	Signals and Systems	Direct	2.7	2.7	2.7	2.7	2.7	2.7
		Indirect	1.6	1.33	1.8	2	1.6	1.8
		Overall	2.48	2.426	2.52	2.56	2.48	2.52
C314	Pulse & Digital Circuits	Direct	2.7	2.7	2.5	2.7	2.7	2.7
		Indirect	2.38	2.16	2.09	2.14	2.05	2.13
		Overall	2.64	2.59	2.42	2.59	2.57	2.59
C315	Power Electronics	Direct	2.6	2.7	2.7	2.6	2.5	2.7
		Indirect	2.36	2.14	2.09	2.16	2.05	2.14
		Overall	2.55	2.59	2.58	2.51	2.41	2.59
C316	Electrical Machines-II Laboratory	Direct	3	3	3	3	3	3
		Indirect	2.55	2.65	2.5	2.8	2.4	2.7
		Overall	2.78	2.83	2.75	2.90	2.70	2.85
C317	Control Systems Laboratory	Direct	3	3	3	3	3	3
		Indirect	3	3	3	3	3	3
		Overall	3	3	3	3	3	3
C318	Electrical Measurements Laboratory	Direct	3	3	3	3	3	3
		Indirect	2.75	2.6	2.4	2.65	2.55	2.55
		Overall	2.88	2.80	2.70	2.83	2.78	2.78

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

C321	Power Electronic Controllers & Drives	Direct	3	3	2.9	2.9	3	2.9
		Indirect	2.45	2.21	2.11	2.21	2.11	2.21
		Overall	2.89	2.84	2.74	2.76	2.82	2.76
C322	Power System Analysis	Direct	2.2	2	2	2.3	2	2.3
		Indirect	2.34	2.13	2.09	2.13	2.07	2.11
		Overall	2.23	2.03	2.02	2.27	2.01	2.26
C323	Micro Processors and Micro controllers	Direct	3	2.9	3	3	3	3
		Indirect	2.39	2.13	2.07	2.11	2.11	2.11
		Overall	2.88	2.75	2.81	2.82	2.82	2.82
C324	Data Structures	Direct	3	3	2.9	3	3	2.8
		Indirect	2.65	2.65	2.7	2.45	2.7	2.6
		Overall	2.93	2.93	2.86	2.89	2.94	2.76
C325	Energy Audit and Conservation& Management	Direct	3	3	3	3	2.9	2.8
		Indirect	1.17	1.33	1.25	1.29	1	1.25
		Overall	2.63	2.67	2.65	2.66	2.52	2.49
C326	Power Electronics Laboratory	Direct	3	3	3	3	3	3
		Indirect	2.75	2.6	2.4	2.65	2.55	2.55
		Overall	2.88	2.80	2.70	2.83	2.78	2.78
C327	Microprocessors & Microcontrollers Laboratory	Direct	3	3	3	3	3	3
		Indirect	2.6	3	2.5	2.4	3	2.6
		Overall	2.80	3.00	2.75	2.70	3.00	2.80
C328	Data Structures	Direct	3	3	3	3	3	3

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001

	Laboratory	Indirect	2.55	2.65	2.5	2.8	2.4	2.7
		Overall	2.78	2.83	2.75	2.90	2.70	2.85
C411	Utilization of Electrical Energy	Direct	2.67	2.67	2.50	2.84	2.84	2.67
		Indirect	2.43	2.22	2.19	2.22	2.06	2.24
		Overall	2.65	2.60	2.60	2.60	2.57	2.61
C412	Linear IC Applications	Direct	2.7	2.7	2.7	2.7	2.6	2.7
		Indirect	2.50	2.29	2.24	2.24	2.26	2.32
		Overall	2.66	2.62	2.61	2.61	2.53	2.62
C413	Power System Operation & Control	Direct	2.7	2.7	2.7	2.7	2.7	2.7
		Indirect	2.35	2.10	2.13	2.18	2.08	2.18
		Overall	2.63	2.58	2.59	2.60	2.58	2.60
C414	Switchgear and Protection	Direct	2.7	2.7	2.7	2.7	2.7	2.7
		Indirect	2.48	2.26	2.18	2.23	2.23	2.29
		Overall	2.66	2.61	2.60	2.61	2.61	2.62
C415	Instrumentation	Direct	2.7	2.7	2.7	2.7	2.7	2.7
		Indirect	2.29	2.06	2.03	2.08	2.02	2.11
		Overall	2.62	2.57	2.57	2.58	2.56	2.58
C416	Special Electrical Machines	Direct	2.7	2.7	2.7	2.7	2.6	2.7
		Indirect	2.34	2.16	2.27	2.21	2.08	2.11
		Overall	2.63	2.59	2.61	2.60	2.50	2.58
C417	Electrical Simulation	Direct	3	3	3	3	3	3
		Indirect	3	2.5	2.7	3	2.5	3

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

	Laboratory	Overall	3.00	2.75	2.85	3.00	2.75	3.00
C418	Power Systems & Simulation Laboratory	Direct	3	3	3	3	3	3
		Indirect	3	2.7	3	2.7	3	2.2
		Overall	3.00	2.85	3.00	2.85	3.00	2.60
C421	Digital Control Systems	Direct	2.3	2.3	2.3	2.3	2.3	2.3
		Indirect	2.31	2.06	2.06	2.10	2.03	2.13
		Overall	2.30	2.25	2.25	2.26	2.25	2.27
C422	HVDC Transmission	Direct	3	3	3	3	3	3
		Indirect	2.33	2.14	2.11	2.16	2.08	2.14
		Overall	2.87	2.83	2.82	2.83	2.82	2.83
C423	Electrical Distribution Systems	Direct	2.9	2.9	2.9	3	3	3
		Indirect	2.28	2.08	2.05	2.08	2.05	2.13
		Overall	2.78	2.74	2.73	2.82	2.81	2.83
C424	Flexible Alternating Current Transmission Systems	Direct	3	3	3	2.7	2.9	2.8
		Indirect	2.39	2.17	2.08	2.19	2.11	2.22
		Overall	2.88	2.83	2.82	2.60	2.74	2.68
C426	Project	Direct	3	3	3	3	3	3
		Indirect	3	3	3	3	3	3
		Overall	3	3	3	3	3	3

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

POTTI SRIRAMULU CHALAVADI MALLIKHARJUNA RAO
COLLEGE OF ENGINEERING & TECHNOLOGY
Approved by AICTE, NEW DELHI and Affiliated to JNTU, Kakinada
Sponsored by : SKPVV Hindu High Schools Committee, Estd : 1906
D.No. 7-3-6/1, Raghava Reddy Street, Kothapet, Vijayawada - 520 001.
Voice : 0866-2423442, 91777 77855, Fax : 0866-2423443, E-mail: principal@pscmr.ac.in, www.pscmr.ac.in

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

2018-2022 Batch CO ATTAINMENTS

Record of Direct & Indirect attainments of course outcomes of all courses with respect to set attainment levels for 2018-2022 Batch.

Sl.No	Course Code	Course Name	Direct Attainment	Indirect Attainment	Overall Attainment
1	C111	ENGLISH - I	2.87	2.53	2.80
2	C112	MATHEMATICS-I	2.50	2.84	2.57
3	C113	APPLIED CHEMISTRY	1.90	2.63	2.05
4	C114	ENIGINEERING MECHANICS	2.07	2.67	2.19
5	C115	COMPUTER PROGRAMMING	2.70	2.68	2.70
6	C116	ENVIRONMENTAL STUDIES	2.73	2.54	2.70
7	C117	APPLIED/ENGINEERING CHEMISTRY LABORATORY	3	2.21	2.842
8	C118	ENGLISH - COMMUNICATION	3	2.21	2.842

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna R.
College of Engineering & Technology,
Kothapet, VIJAYAWADA-520 001.

		SKILLS LAB- I			
9	C119	COMPUTER PROGRAMMING LAB	3	2.21	2.842
10	C121	ENGLISH -II	2.90	2.84	2.89
11	C122	MATHEMATICS-II	2.57	2.84	2.62
12	C123	MATHEMATICS-III	2.68	2.84	2.72
13	C124	APPLIED PHYSICS	2.55	2.84	2.61
14	C125	ELECTRICAL CIRCUIT ANALYSIS – I	1.93	2.84	2.12
15	C127	ENGLISH LANGUAGE COMMUNICATION SKILLS LAB- II	3	2.21	2.842
16	C128	APPLIED/ENGINEERING PHYSICS LAB	3	2.21	2.842
17	C1210	ENGINEERING WORKSHOP & IT WORKSHOP	3	2.21	2.842
20	C211	ELECTRICAL CIRCUIT ANALYSIS-II	2.53	2.5	2.53
21	C212	ELECTRICAL MACHINES – I	2.62	2.86	2.67
22	C213	BASIC ELECTRONICS AND DEVICES	2.55	2.625	2.57
23	C214	ELECTROMAGNETIC FIELDS	2.70	2.78	2.72
24	C215	THERMAL AND HYDRO PRIME MOVERS	2.57	2.28	2.51

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

25	C216	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS	2.68	2.58	2.66
26	C217	THERMAL AND HYDRO LAB	3	2.35	2.87
27	C218	ELECTRICAL CIRCUITS LAB	3	2.35	2.87
28	C221	ELECTRICAL MEASUREMENTS	2.70	2.28333	2.62
29	C222	ELECTRICAL MACHINES – II	2.68	2.86	2.72
30	C223	SWITCHING THEORY AND LOGIC DESIGN	2.68	2.5	2.65
31	C224	CONTROL SYSTEMS	2.50	2.63	2.53
32	C225	POWER SYSTEMS-I	2.62	2.78	2.65
33	C226	MANAGEMENT SCIENCE	2.68	2.58	2.66
34	C227	ELECTRICAL MACHINES – I LAB	3	2.35	2.87
35	C228	ELECTRONIC DEVICES AND CIRCUITS LAB	3	2.35	2.87
36	C311	POWER SYSTEMS–II	2.68	2.25	2.60
37	C312	RENEWABLE ENERGY SOURCES	2.67	2.78	2.69
38	C313	SIGNALS & SYSTEMS	2.70	1.69	2.50
39	C314	PULSE AND DIGITAL CIRCUITS	2.67	2.16	2.56

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

40	C315	POWER ELECTRONICS	2.63	2.16	2.54
41	C316	ELECTRICAL MACHINES – II LAB	3	3	3.00
42	C317	CONTROL SYSTEMS LAB	3	3	3.00
43	C318	ELECTRICAL MEASUREMENTS LAB	3	3	3.00
45	C321	POWER ELECTRONIC CONTROLLERS & DRIVES	2.95	2.22	2.80
46	C322	POWER SYSTEM ANALYSIS	2.13	2.14	2.14
47	C323	MICROPROCESSORS AND MICROCONTROLLERS	2.98	2.15	2.82
48	C324	DATA STRUCTURES THROUGH C++	2.95	2.63	2.89
49	C325	ENERGY AUDIT, CONSERVATION & MANAGEMENT	2.95	1.22	2.60
50	C326	POWER ELECTRONICS LAB	3	3	3
51	C327	MICRO MPROCESSORS AND MICRO CONTROLLERS LAB	3	3	3
52	C328	DATASTRUCTURES THROUGH C LAB	3	3	3
54	C411	UTILIZATION OF ELECTRICAL ENERGY	2.69	2.28	2.61
55	C412	LINEAR IC APPLICATIONS	**2.25**	**2.37**	**2.27**

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

56	C413	POWER SYSTEM OPERATION AND CONTROL	**2.72**	**2.28**	**2.63**
57	C414	SWITCHGEAR AND PROTECTION	**2.84**	**2.28**	**2.72**
58	C415	INSTRUMENTATION	**2.25**	**2.37**	**2.27**
59	C416	SPECIAL ELECTRICAL MACHINES	**1.28**	**2.51**	**1.53**
60	C417	ELECTRICAL SIMULATION LAB	3	3	3
61	C418	POWER SYSTEMS LAB	**1.63**	**2.08**	**1.72**
62	C421	DIGITAL CONTROL SYSTEMS	**2.81**	**2.28**	**2.70**
63	C422	H.V.D.C. TRANSMISSION	**2.84**	**2.28**	**2.72**
64	C423	ELECTRICAL DISTRIBUTION SYSTEMS	**2.86**	**2.28**	**2.75**
65	C424	FLEXIBLE ALTERNATING CURRENT TRANSMISSION SYSTEMS	**2.83**	**2.28**	**2.72**
66	C425	PROJECT	3	3	3

Coordinator

Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

2017-2021 Batch CO ATTAINMENTS

Record of attainment of course outcomes of all courses with respect to set attainment levels for 2017-2021 Batch.

COURSE CODE	COURSE NAME	ATTAINMENTS	CO Attainments					
			CO1	CO2	CO3	CO4	CO5	CO6
C111	English - I	Direct	2.9	2.8	2.7	2.9	2.9	2.7
		Indirect	2.45	2.6	2.45	2.55	2.55	2.6
		Overall	2.81	2.76	2.65	2.83	2.83	2.68
C112	Mathematics – I	Direct	2.8	2.8	2.7	2.8	2.7	2.7
		Indirect	2.95	2.75	2.85	2.85	2.95	2.7
		Overall	2.83	2.79	2.73	2.81	2.75	2.7
C113	Applied Chemistry	Direct	2.8	2.7	2.7	3	3	2.9
		Indirect	2.65	2.65	2.55	2.6	2.6	2.7
		Overall	2.77	2.69	2.67	2.92	2.92	2.86
C114	Engineering Mechanics	Direct	2.9	2.8	2.7	2.9	2.9	2.7
		Indirect	2.75	2.65	2.7	2.55	2.65	2.7
		Overall	2.87	2.77	2.7	2.83	2.85	2.7

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

C115	Computer Programming	Direct	3	2.9	2.7	2.9	2.9	2.7
		Indirect	2.8	2.6	2.6	2.6	2.8	2.7
		Overall	2.96	2.84	2.68	2.84	2.88	2.7
C116	Environmental Studies	Direct	2.6	2.6	2.4	2.8	3	2.7
		Indirect	2.65	2.5	2.55	2.5	2.55	2.5
		Overall	2.61	2.58	2.43	2.74	2.91	2.66
C117	Applied / Engineering Chemistry Laboratory	Direct	3	3	3	3	3	3
		Indirect	2.5	2.4	2.3	2.25	2.4	2.45
		Overall	2.75	2.70	2.65	2.63	2.70	2.73
C118	English-Communication Skills Laboratory -I	Direct	3	3	3	3	3	3
		Indirect	2.5	2.4	2.3	2.25	2.4	2.45
		Overall	2.75	2.70	2.65	2.63	2.70	2.73
C119	Computer Programming Laboratory	Direct	3	3	3	3	3	3
		Indirect	2.25	2.25	2.1	2.1	2.3	2.25
		Overall	2.63	2.63	2.55	2.55	2.65	2.63
C121	English - II	Direct	3	2.8	2.7	3	2.9	2.7
		Indirect	2.95	2.75	2.85	2.85	2.95	2.7
		Overall	2.99	2.79	2.73	2.97	2.91	2.7
C122	Mathematics – II (Mathematical Methods)	Direct	2.9	2.8	2.6	2.7	2.5	2.4
		Indirect	2.5	2.6	2.85	2.85	2.95	2.7
		Overall	2.82	2.76	2.65	2.73	2.59	2.46
C123	Mathematics –	Direct	3	2.7	2.7	3	2.7	2.7

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001

	III	Indirect	2.95	2.75	2.85	2.85	2.95	2.7
		Overall	2.99	2.71	2.73	2.97	2.75	2.7
C124	Applied Physics	Direct	3	2.8	2.7	3	3	2.9
		Indirect	2.8	2.6	2.85	2.85	2.7	2.7
		Overall	2.96	2.76	2.73	2.97	2.94	2.86
C125	Electrical Circuit Analysis - I	Direct	2.7	2.5	2.4	2.7	2.6	2.4
		Indirect	2.6	2.75	2.6	2.7	2.95	2.7
		Overall	2.68	2.55	2.44	2.7	2.67	2.46
C127	English - Communication Skills Laboratory - II	Direct	3	3	3	3	3	3
		Indirect	2.5	2.4	2.3	2.25	2.4	2.45
		Overall	2.75	2.70	2.65	2.63	2.70	2.73
C128	Applied / Engineering Physics Laboratory	Direct	3	3	3	3	3	3
		Indirect	2.5	2.4	2.4	2.25	2.4	2.45
		Overall	2.75	2.70	2.70	2.63	2.70	2.73
C1210	Eng. Workshop & IT Workshop	Direct	3	3	3	3	3	3
		Indirect	2.3	2.4	2.3	2.25	2.4	2.4
		Overall	2.65	2.70	2.65	2.63	2.70	2.70
C211	Electrical Circuit Analysis - II	Direct	2.8	2.8	2.7	2.8	2.8	2.8
		Indirect	2.8	2.6	2.45	2.4	2.7	2.8
		Overall	2.8	2.76	2.65	2.72	2.78	2.8
C212	Electrical Machines-I	Direct	1.9	1.9	1.9	2.1	2.1	2.1
		Indirect	2.5	2.4	2.45	2.4	2.3	2.4

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

		Overall	2.02	2	2.01	2.16	2.14	2.16
C213	Basic Electronics and Devices	Direct	3	3	3	2.7	2.7	2.7
		Indirect	2.9	2.6	2.7	2.4	2.7	2.8
		Overall	2.98	2.92	2.94	2.64	2.7	2.72
C214	Electro Magnetic Fields	Direct	3	3	3	2.9	2.9	2.9
		Indirect	2.8	2.6	2.45	2.4	2.7	2.8
		Overall	2.96	2.92	2.89	2.8	2.86	2.88
C215	Thermal and Hydro Prime Movers	Direct	2.4	2.4	2.4	2.7	2.7	2.7
		Indirect	2.4	2.5	2.45	2.4	2.7	2.6
		Overall	2.4	2.42	2.41	2.64	2.7	2.68
C216	Managerial Economics & Financial Analysis	Direct	3	3	3	2.7	2.7	2.7
		Indirect	2.9	2.6	2.45	2.4	2.7	2.6
		Overall	2.98	2.92	2.89	2.64	2.7	2.68
C217	Thermal and Hydro Laboratory	Direct	3	3	3	3	3	3
		Indirect	2.4	3	2.5	3	2.2	3
		Overall	2.70	3.00	2.75	3.00	2.60	3.00
C218	Electrical Circuits Laboratory	Direct	3	3	3	3	3	3
		Indirect	2.75	2.6	2.4	2.65	2.55	2.55
		Overall	2.88	2.80	2.70	2.83	2.78	2.78
C221	Electrical Measurements	Direct	2.4	2.7	2.7	2.7	2.7	2.7
		Indirect	2.4	2.6	2.45	2.4	2.7	2.8
		Overall	2.4	2.68	2.65	2.64	2.7	2.72

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

C222	Electrical Machines-II	Direct	3	2.9	2.9	3	3	3
		Indirect	2.7	2.65	2.7	2.7	2.9	2.6
		Overall	2.94	2.85	2.86	2.94	2.98	2.92
C223	Switching Theory and Logic Design	Direct	2.4	2.4	2.4	2.7	2.5	2.7
		Indirect	2.3	2.4	2.7	2.6	2.7	2.7
		Overall	2.38	2.4	2.46	2.68	2.54	2.7
C224	Control Systems	Direct	2.9	2.9	2.9	2.8	2.8	2.8
		Indirect	2.44	2.47	2.40	2.53	2.57	2.61
		Overall	2.81	2.81	2.80	2.75	2.75	2.76
C225	Power Systems-I	Direct	2.7	2.7	2.7	2.7	2.7	2.7
		Indirect	2.8	2.6	2.45	2.4	2.7	2.8
		Overall	2.72	2.68	2.65	2.64	2.7	2.72
C226	Management Science	Direct	2.7	2.7	2.7	2.7	2.7	2.7
		Indirect	2.6	2.6	2.45	2.4	2.7	2.4
		Overall	2.68	2.68	2.65	2.64	2.7	2.64
C227	Electrical Machines -I Laboratory	Direct	3	3	3	3	3	3
		Indirect	2.75	2.6	2.4	2.65	2.55	2.55
		Overall	2.88	2.80	2.70	2.83	2.78	2.78
C228	Electronic Devices & Circuits Laboratory	Direct	3	3	3	3	3	3
		Indirect	2.4	3	2	3	2.45	3
		Overall	2.70	3.00	2.50	3.00	2.73	3.00
C311	Power	Direct	2.7	2.7	2.7	2.6	2.6	2.7

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

	Systems-II	Indirect	2.6	2.6	2.45	2.4	2.7	2.5
		Overall	2.68	2.68	2.65	2.56	2.62	2.66
C312	Renewable Energy Sources	Direct	2.7	2.5	2.6	2.7	2.7	2.7
		Indirect	2.65	2.4	2.7	2.6	2.7	2.7
		Overall	2.69	2.48	2.62	2.68	2.7	2.7
C313	Signals and Systems	Direct	2.7	2.7	2.7	2.7	2.7	2.7
		Indirect	2.44	2.47	2.40	2.53	2.57	2.61
		Overall	2.65	2.65	2.64	2.67	2.67	2.68
C314	Pulse & Digital Circuits	Direct	2.6	2.5	2.4	2.7	2.7	2.7
		Indirect	2.8	2.6	2.45	2.4	2.7	2.8
		Overall	2.64	2.52	2.41	2.64	2.7	2.72
C315	Power Electronics	Direct	2	1.7	2	2	2	2
		Indirect	2.7	2.65	2.7	2.7	2.9	2.6
		Overall	2.14	1.89	2.14	2.14	2.18	2.12
C316	Electrical Machines-II Laboratory	Direct	3	3	3	3	3	3
		Indirect	2.55	2.65	2.5	2.8	2.4	2.7
		Overall	2.78	2.83	2.75	2.90	2.70	2.85
C317	Control Systems Laboratory	Direct	3	3	3	3	3	3
		Indirect	3	3	3	3	3	3
		Overall	3	3	3	3	3	3
C318	Electrical Measurements	Direct	3	3	3	3	3	3
		Indirect	2.75	2.6	2.4	2.65	2.55	2.55

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

	Laboratory	Overall	2.88	2.80	2.70	2.83	2.78	2.78
C321	Power Electronic Controllers & Drives	Direct	2.7	2.7	2.7	3	3	3
		Indirect	2.6	2.6	2.45	2.4	2.7	2.8
		Overall	2.68	2.68	2.65	2.88	2.94	2.96
C322	Power System Analysis	Direct	1.3	1.3	1.3	1.6	1.6	1.6
		Indirect	2.7	2.65	2.7	2.7	2.9	2.6
		Overall	1.58	1.57	1.58	1.82	1.86	1.8
C323	Micro Processors and Micro controllers	Direct	2.7	2.7	2.7	2.7	2.7	2.7
		Indirect	2.65	2.4	2.7	2.6	2.7	2.7
		Overall	2.69	2.64	2.7	2.68	2.7	2.7
C324	Data Structures	Direct	2.7	2.7	2.7	3	3	3
		Indirect	2.44	2.47	2.40	2.53	2.57	2.61
		Overall	2.65	2.65	2.64	2.91	2.91	2.92
C325	Energy Audit and Conservation& Management	Direct	2.8	2.8	2.8	2.6	2.6	2.7
		Indirect	2.8	2.6	2.45	2.4	2.7	2.8
		Overall	2.8	2.76	2.73	2.56	2.62	2.72
C326	Power Electronics Laboratory	Direct	3	3	3	3	3	3
		Indirect	2.75	2.6	2.4	2.65	2.55	2.55
		Overall	2.88	2.80	2.70	2.83	2.78	2.78
C327	Microprocessors & Microcontrollers Laboratory	Direct	3	3	3	3	3	3
		Indirect	2.6	3	2.5	2.4	3	2.6
		Overall	2.80	3.00	2.75	2.70	3.00	2.80

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

C328	Data Structures Laboratory	Direct	3	3	3	3	3	3
		Indirect	2.55	2.65	2.5	2.8	2.4	2.7
		Overall	2.78	2.83	2.75	2.90	2.70	2.85
C411	Utilization of Electrical Energy	Direct	2.7	2.7	2.7	2.7	2.7	2.7
		Indirect	2.43	2.22	2.19	2.22	2.06	2.24
		Overall	2.65	2.60	2.60	2.60	2.57	2.61
C412	Linear IC Applications	Direct	2.7	2.7	2.7	2.7	2.6	2.7
		Indirect	2.50	2.29	2.24	2.24	2.26	2.32
		Overall	2.66	2.62	2.61	2.61	2.53	2.62
C413	Power System Operation & Control	Direct	2.7	2.7	2.7	2.7	2.7	2.7
		Indirect	2.35	2.10	2.13	2.18	2.08	2.18
		Overall	2.63	2.58	2.59	2.60	2.58	2.60
C414	Switchgear and Protection	Direct	2.7	2.7	2.7	2.7	2.7	2.7
		Indirect	2.48	2.26	2.18	2.23	2.23	2.29
		Overall	2.66	2.61	2.60	2.61	2.61	2.62
C415	Instrumentation	Direct	2.7	2.7	2.7	2.7	2.7	2.7
		Indirect	2.29	2.06	2.03	2.08	2.02	2.11
		Overall	2.62	2.57	2.57	2.58	2.56	2.58
C416	Special Electrical Machines	Direct	2.7	2.7	2.7	2.7	2.6	2.7
		Indirect	2.34	2.16	2.27	2.21	2.08	2.11
		Overall	2.63	2.59	2.61	2.60	2.50	2.58
C417	Electrical	Direct	3	3	3	3	3	3

Coordinator

Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

	Simulation Laboratory	Indirect	3	2.5	2.7	3	2.5	3
		Overall	3.00	2.75	2.85	3.00	2.75	3.00
C418	Power Systems & Simulation Laboratory	Direct	3	3	3	3	3	3
		Indirect	3	2.7	3	2.7	3	2.2
		Overall	3.00	2.85	3.00	2.85	3.00	2.60
C421	Digital Control Systems	Direct	2.3	2.3	2.3	2.3	2.3	2.3
		Indirect	2.31	2.06	2.06	2.10	2.03	2.13
		Overall	2.30	2.25	2.25	2.26	2.25	2.27
C422	HVDC Transmission	Direct	3	3	3	3	3	3
		Indirect	2.33	2.14	2.11	2.16	2.08	2.14
		Overall	2.87	2.83	2.82	2.83	2.82	2.83
C423	Electrical Distribution Systems	Direct	2.9	2.9	2.9	3	3	3
		Indirect	2.28	2.08	2.05	2.08	2.05	2.13
		Overall	2.78	2.74	2.73	2.82	2.81	2.83
C424	Flexible Alternating Current Transmission Systems	Direct	3	3	3	2.7	2.9	2.8
		Indirect	2.39	2.17	2.08	2.19	2.11	2.22
		Overall	2.88	2.83	2.82	2.60	2.74	2.68
C426	Project	Direct	3	3	3	3	3	3
		Indirect	3	3	3	3	3	3
		Overall	3	3	3	3	3	3

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

2017-2021 Batch CO ATTAINMENTS

Record of Direct & Indirect attainments of course outcomes of all courses with respect to set attainment levels for 2017-2021 Batch.

Sl.No	Course Code	Course Name	Direct Attainment	Indirect Attainment	Overall Attainment
1	C111	ENGLISH - I	2.82	2.53	2.76
2	C112	MATHEMATICS-I	2.75	2.84	2.77
3	C113	APPLIED CHEMISTRY	2.85	2.63	2.81
4	C114	ENIGINEERING MECHANICS	2.82	2.67	2.79
5	C115	COMPUTER PROGRAMMING	2.85	2.68	2.82
6	C116	ENVIRONMENTAL STUDIES	2.68	2.54	2.66
7	C117	APPLIED/ENGINEERING CHEMISTRY LABORATORY	3	2.38	2.87

Coordinator

Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

8	C118	ENGLISH - COMMUNICATION SKILLS LAB- I	3	2.38	2.87
9	C119	COMPUTER PROGRAMMING LAB	3	2.21	2.84
10	C121	ENGLISH -II	2.85	2.84	2.85
11	C122	MATHEMATICS-II	2.65	2.74	2.67
12	C123	MATHEMATICS-III	2.80	2.84	2.81
13	C124	APPLIED PHYSICS	2.90	2.75	2.87
14	C125	ELECTRICAL CIRCUIT ANALYSIS – I	2.55	2.72	2.58
15	C127	ENGLISH LANGUAGE COMMUNICATION SKILLS LAB- II	3	2.38	2.87
16	C128	APPLIED/ENGINEERING PHYSICS LAB	3	2.40	2.88
17	C1210	ENGINEERING WORKSHOP & IT WORKSHOP	3	2.34	2.86
20	C211	ELECTRICAL CIRCUIT ANALYSIS-II	2.78	2.63	2.75
21	C212	ELECTRICAL MACHINES – I	2.00	2.41	2.08
22	C213	BASIC ELECTRONICS AND DEVICES	2.85	2.68	2.82
23	C214	ELECTROMAGNETIC FIELDS	2.95	2.63	2.89

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

24	C215	THERMAL AND HYDRO PRIME MOVERS	2.55	2.51	2.54
25	C216	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS	2.85	2.61	2.80
26	C217	THERMAL AND HYDRO LAB	3	2.68	2.94
27	C218	ELECTRICAL CIRCUITS LAB	3	2.58	2.92
28	C221	ELECTRICAL MEASUREMENTS	2.65	2.56	2.63
29	C222	ELECTRICAL MACHINES – II	2.97	2.71	2.92
30	C223	SWITCHING THEORY AND LOGIC DESIGN	2.52	2.57	2.53
31	C224	CONTROL SYSTEMS	2.85	2.50	2.78
32	C225	POWER SYSTEMS-I	2.70	2.63	2.69
33	C226	MANAGEMENT SCIENCE	2.70	2.53	2.67
34	C227	ELECTRICAL MACHINES – I LAB	3	2.58	2.92
35	C228	ELECTRONIC DEVICES AND CIRCUITS LAB	3	2.64	2.93
36	C311	POWER SYSTEMS–II	2.67	2.54	2.64
37	C312	RENEWABLE ENERGY SOURCES	2.65	2.63	2.65
38	C313	SIGNALS & SYSTEMS	2.70	2.50	2.66

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

39	C314	PULSE AND DIGITAL CIRCUITS	2.60	2.63	2.61
40	C315	POWER ELECTRONICS	1.95	2.71	2.10
41	C316	ELECTRICAL MACHINES – II LAB	3	2.6	2.92
42	C317	CONTROL SYSTEMS LAB	3	3	3.00
43	C318	ELECTRICAL MEASUREMENTS LAB	3	2.58	2.92
45	C321	POWER ELECTRONIC CONTROLLERS & DRIVES	2.85	2.59	2.80
46	C322	POWER SYSTEM ANALYSIS	1.45	2.71	1.70
47	C323	MICROPROCESSORS AND MICROCONTROLLERS	2.70	2.63	2.69
48	C324	DATA STRUCTURES THROUGH C++	2.85	2.50	2.78
49	C325	ENERGY AUDIT, CONSERVATION & MANAGEMENT	2.72	2.63	2.70
50	C326	POWER ELECTRONICS LAB	3	2.58	2.92
51	C327	MICRO MPROCESSORS AND MICRO CONTROLLERS LAB	3	2.68	2.94
52	C328	DATASTRUCTURES THROUGH C LAB	3	2.6	2.92
54	C411	UTILIZATION OF ELECTRICAL ENERGY	2.70	2.23	2.61

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

55	C412	LINEAR IC APPLICATIONS	2.68	2.31	2.61
56	C413	POWER SYSTEM OPERATION AND CONTROL	2.70	2.17	2.59
57	C414	SWITCHGEAR AND PROTECTION	2.70	2.28	2.62
58	C415	INSTRUMENTATION	2.70	2.10	2.58
59	C416	SPECIAL ELECTRICAL MACHINES	2.68	2.19	2.59
60	C417	ELECTRICAL SIMULATION LAB	3	2.78	2.96
61	C418	POWER SYSTEMS LAB	3	3	3
62	C421	DIGITAL CONTROL SYSTEMS	2.30	2.12	2.26
63	C422	H.V.D.C. TRANSMISSION	3.00	2.16	2.83
64	C423	ELECTRICAL DISTRIBUTION SYSTEMS	2.95	2.11	2.78
65	C424	FLEXIBLE ALTERNATING CURRENT TRANSMISSION SYSTEMS	2.90	2.19	2.76
66	C425	PROJECT	3	3	3

Coordinator

Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

POTTI SRIRAMULU CHALAVADI MALLIKHARJUNA RAO
COLLEGE OF ENGINEERING & TECHNOLOGY
Approved by AICTE, NEW DELHI and Affiliated to JNTU, Kakinada
Sponsored by : SKPVV Hindu High Schools Committee, Estd : 1906
D.No. 7-3-6/1, Raghava Reddy Street, Kothapet, Vijayawada - 520 001.
Voice : 0866-2423442, 91777 77855, Fax : 0866-2423443, E-mail: principal@pscmr.ac.in, www.pscmr.ac.in

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

2016-2020 Batch CO ATTAINMENTS

Record of attainment of course outcomes of all courses with respect to set attainment levels for 2016-2020 Batch.

COURSE CODE	COURSE NAME	ATTAINMENTS	CO Attainments					
			CO1	CO2	CO3	CO4	CO5	CO6
C111	English - I	Direct	2.6	2.6	2.6	2.1	2.1	2.1
		Indirect	2.45	2.6	2.45	2.55	2.55	2.6
		Overall	2.57	2.6	2.57	2.19	2.19	2.2
C112	Mathematics – I	Direct	1.7	1.7	1.7	1.4	1.4	1.4
		Indirect	2.95	2.75	2.85	2.85	2.95	2.7
		Overall	1.95	1.91	1.93	1.69	1.71	1.66
C113	Applied Chemistry	Direct	2.4	2.4	2.4	2.1	2.1	2.1
		Indirect	2.65	2.65	2.55	2.6	2.6	2.7
		Overall	2.45	2.45	2.43	2.2	2.2	2.22
C114	Engineering Mechanics	Direct	2.4	2.4	2.4	2.1	2.1	2.1
		Indirect	2.75	2.65	2.7	2.55	2.65	2.7
		Overall	2.47	2.45	2.46	2.19	2.21	2.22

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

C115	Computer Programming	Direct	1.2	1.1	1.1	0.7	0.7	0.7
		Indirect	2.8	2.6	2.6	2.6	2.8	2.7
		Overall	1.52	1.4	1.4	1.08	1.12	1.1
C116	Environmental Studies	Direct	2.4	2.4	2.4	2.1	2.1	2.1
		Indirect	2.65	2.5	2.55	2.5	2.55	2.5
		Overall	2.45	2.42	2.43	2.18	2.19	2.18
C117	Applied / Engineering Chemistry Laboratory	Direct	2.4	2.3	2.3	2.3	2.4	2.4
		Indirect	2.5	2.4	2.3	2.25	2.4	2.45
		Overall	2.45	2.35	2.3	2.275	2.4	2.425
C118	English-Communication Skills Laboratory -I	Direct	2.4	2.3	2.4	2.3	2.4	2.4
		Indirect	2.3	2.3	2.3	2.25	2.4	2.45
		Overall	2.35	2.3	2.35	2.27	2.4	2.42
C119	Computer Programming Laboratory	Direct	3	2.5	2.5	2.3	2.4	2.4
		Indirect	2.25	2.25	2.1	2.1	2.3	2.25
		Overall	2.62	2.37	2.3	2.2	2.35	2.32
C121	English - II	Direct	2.4	2.4	2.4	2.7	2.4	2.4
		Indirect	2.95	2.75	2.85	2.85	2.95	2.7
		Overall	2.51	2.47	2.49	2.73	2.51	2.46
C122	Mathematics – II (Mathematical Methods)	Direct	1.3	1	1	1.3	1.2	1
		Indirect	2.6	2.7	2.85	2.85	2.95	2.7
		Overall	1.56	1.34	1.37	1.61	1.55	1.34
C123	Mathematics –	Direct	1.8	1.7	1.7	1.9	1.7	1.7

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

	III	Indirect	2	2.3	2.6	2.85	2.95	2.7
		Overall	1.84	1.82	1.88	2.09	1.95	1.9
C124	Applied Physics	Direct	2.4	2.4	2.4	2.7	2.6	2.4
		Indirect	2.5	2.6	2.85	2.85	2.6	2.7
		Overall	2.42	2.44	2.49	2.73	2.6	2.46
C125	Electrical Circuit Analysis - I	Direct	0.5	0.4	0.3	0.6	0.6	0.3
		Indirect	2	1.7	2.2	2.4	2.5	2.2
		Overall	0.8	0.66	0.68	0.96	0.98	0.68
C127	English - Communication Skills Laboratory - II	Direct	3	3	3	3	3	3
		Indirect	2.5	2.4	2.3	2.25	2.4	2.45
		Overall	2.75	2.70	2.65	2.63	2.70	2.73
C128	Applied / Engineering Physics Laboratory	Direct	3	3	3	3	3	3
		Indirect	2.5	2.4	2.3	2.25	2.4	2.2
		Overall	2.75	2.70	2.65	2.63	2.70	2.60
C1210	Eng. Workshop & IT Workshop	Direct	3	3	3	3	3	3
		Indirect	2.3	2.4	2.3	2.25	2.4	2.45
		Overall	2.65	2.70	2.65	2.63	2.70	2.73
C211	Electrical Circuit Analysis - II	Direct	1.9	2	1.9	2	2	2
		Indirect	2.4	2.3	2.2	2.3	2.1	2.1
		Overall	2	2.06	1.96	2.06	2.02	2.02
C212	Electrical Machines-I	Direct	0.6	0.5	0.4	0.6	0.6	0.6
		Indirect	2	1.7	2.2	2.4	2.5	2.2

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

		Overall	0.88	0.74	0.76	0.96	0.98	0.92
C213	Basic Electronics and Devices	Direct	1.7	1.7	1.7	2	2	1.9
		Indirect	2.25	2.5	2.4	2.5	2.5	2.4
		Overall	1.81	1.86	1.84	2.1	2.1	2
C214	Electro Magnetic Fields	Direct	1.9	1.9	1.7	2	2	1.8
		Indirect	2.3	2.6	2.45	2.55	2.55	2.4
		Overall	1.98	2.04	1.85	2.11	2.11	1.92
C215	Thermal and Hydro Prime Movers	Direct	2.4	2.4	2.4	2.7	2.7	2.7
		Indirect	2.1	2.5	2.44	2.33	2.25	2.4
		Overall	2.34	2.42	2.408	2.626	2.61	2.64
C216	Managerial Economics & Financial Analysis	Direct	2.4	2.6	2.4	2.7	2.7	2.7
		Indirect	2.3	2.2	2.2	2.2	2.3	2.2
		Overall	2.38	2.52	2.36	2.6	2.62	2.6
C217	Thermal and Hydro Laboratory	Direct	3	3	3	3	3	3
		Indirect	2.5	2.4	2.3	2.25	2.4	2.1
		Overall	2.75	2.7	2.65	2.62	2.7	2.55
C218	Electrical Circuits Laboratory	Direct	3	3	3	3	3	3
		Indirect	2.5	2.4	2.3	2.25	2.4	2.45
		Overall	2.75	2.7	2.65	2.62	2.7	2.72
C221	Electrical Measurements	Direct	1.9	2	2	2	2	2
		Indirect	2.45	2.6	2.45	2.55	2.55	2.6
		Overall	2.01	2.12	2.09	2.11	2.11	2.12

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001

C222	Electrical Machines-II	Direct	2	2	1.9	1.9	2	1.9
		Indirect	2.3	2.6	2.45	2.55	2.1	2.2
		Overall	2.06	2.12	2.01	2.03	2.02	1.96
C223	Switching Theory and Logic Design	Direct	2.4	2.4	2.4	2.7	2.4	2.5
		Indirect	2.45	2.6	2.45	2.55	2.55	2.6
		Overall	2.41	2.44	2.41	2.67	2.43	2.52
C224	Control Systems	Direct	1.8	1.7	1.8	2	2	2
		Indirect	2.1	2.5	2.45	2.55	2.55	2.4
		Overall	1.86	1.86	1.93	2.11	2.11	2.08
C225	Power Systems-I	Direct	2.5	2.4	2.4	2.7	2.6	2.4
		Indirect	2.45	2.6	2.45	2.55	2.55	2.6
		Overall	2.49	2.44	2.41	2.67	2.59	2.44
C226	Management Science	Direct	2.6	2.7	2.7	2.7	2.7	2.4
		Indirect	2.4	2.6	2.45	2.55	2.6	2.3
		Overall	2.56	2.68	2.65	2.67	2.68	2.38
C227	Electrical Machines -I Laboratory	Direct	3	3	3	3	3	3
		Indirect	2.5	2.4	2.3	2.25	2.4	2.1
		Overall	2.75	2.7	2.65	2.62	2.7	2.55
C228	Electronic Devices & Circuits Laboratory	Direct	3	3	3	3	3	3
		Indirect	2.4	2.4	2.3	2.25	2.4	2.3
		Overall	2.7	2.7	2.65	2.62	2.7	2.65
C311	Power	Direct	2.7	2.7	2.7	2.6	2.6	2.7

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

	Systems-II	Indirect	2.8	2.6	2.45	2.4	2.7	2.8
		Overall	2.75	2.68	2.65	2.56	2.62	2.72
C312	Renewable Energy Sources	Direct	2.7	2.5	2.6	2.7	2.7	2.7
		Indirect	2.65	2.4	2.7	2.6	2.7	2.7
		Overall	2.69	2.48	2.62	2.68	2.7	2.7
C313	Signals and Systems	Direct	2.7	2.7	2.7	2.7	2.7	2.7
		Indirect	2.44	2.47	2.40	2.53	2.57	2.61
		Overall	2.65	2.65	2.64	2.67	2.67	2.68
C314	Pulse & Digital Circuits	Direct	2.6	2.5	2.4	2.7	2.7	2.7
		Indirect	2.8	2.6	2.45	2.4	2.7	2.8
		Overall	2.64	2.52	2.41	2.64	2.7	2.72
C315	Power Electronics	Direct	2	1.7	2	2	2	2
		Indirect	2.7	2.65	2.7	2.7	2.9	2.6
		Overall	2.14	1.89	2.14	2.14	2.18	2.12
C316	Electrical Machines-II Laboratory	Direct	3	3	3	3	3	3
		Indirect	2.25	2.25	2.1	2.1	2.3	2.25
		Overall	2.63	2.63	2.55	2.55	2.65	2.63
C317	Control Systems Laboratory	Direct	3	3	3	3	3	3
		Indirect	2.5	2.1	2.3	2.25	2.4	2.2
		Overall	2.75	2.55	2.65	2.63	2.70	2.60
C318	Electrical Measurements Laboratory	Direct	3	3	3	3	3	3
		Indirect	2.25	2.3	2.1	2.1	2.3	2.25
		Overall	2.63	2.65	2.55	2.55	2.65	2.63

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

C321	Power Electronic Controllers & Drives	Direct	2.7	2.7	2.7	3	3	3
		Indirect	2.8	2.6	2.45	2.4	2.7	2.8
		Overall	2.72	2.68	2.65	2.88	2.94	2.96
C322	Power System Analysis	Direct	1.3	1.3	1.3	1.6	1.6	1.6
		Indirect	2.7	2.65	2.7	2.7	2.9	2.6
		Overall	1.58	1.57	1.58	1.82	1.86	1.8
C323	Micro Processors and Micro controllers	Direct	2.7	2.7	2.7	2.7	2.7	2.7
		Indirect	2.65	2.4	2.7	2.6	2.7	2.7
		Overall	2.69	2.64	2.7	2.68	2.7	2.7
C324	Data Structures	Direct	2.7	2.7	2.7	3	3	3
		Indirect	2.44	2.47	2.40	2.53	2.57	2.61
		Overall	2.65	2.65	2.64	2.91	2.91	2.92
C325	Energy Audit and Conservation& Management	Direct	2.7	2.7	2.7	2.7	2.7	2.7
		Indirect	2.8	2.6	2.45	2.4	2.7	2.8
		Overall	2.75	2.65	2.58	2.55	2.70	2.75
C326	Power Electronics Laboratory	Direct	3	3	3	3	3	3
		Indirect	2.5	2.4	2.3	2.25	2.4	2.45
		Overall	2.75	2.70	2.65	2.63	2.70	2.73
C327	Microprocessors & Microcontrollers Laboratory	Direct	3	3	3	3	3	3
		Indirect	2.3	2.4	2.3	2.25	2.4	2.3
		Overall	2.65	2.70	2.65	2.63	2.70	2.65
C328	Data Structures Laboratory	Direct	3	3	3	3	3	3
		Indirect	2.5	2.5	2.4	2.25	2.4	2.45

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

		Overall	2.75	2.75	2.70	2.63	2.70	2.73
C411	Utilization of Electrical Energy	Direct	2.7	2.7	2.7	2.7	2.7	2.7
		Indirect	2.95	2.75	2.85	2.85	2.95	2.7
		Overall	2.75	2.71	2.73	2.73	2.75	2.7
C412	Linear IC Applications	Direct	2.4	2.4	2.5	2.7	2.7	2.7
		Indirect	2.75	2.65	2.7	2.55	2.65	2.7
		Overall	2.47	2.45	2.54	2.67	2.69	2.7
C413	Power System Operation & Control	Direct	2.7	2.7	2.7	2.7	2.6	2.7
		Indirect	2.65	2.65	2.55	2.6	2.6	2.7
		Overall	2.69	2.69	2.67	2.68	2.6	2.7
C414	Switchgear and Protection	Direct	2.7	2.7	2.7	2.7	2.7	2.7
		Indirect	2.8	2.6	2.6	2.6	2.8	2.7
		Overall	2.72	2.68	2.68	2.68	2.72	2.7
C415	Instrumentation	Direct	2.7	2.7	2.7	2.7	2.7	2.7
		Indirect	2.45	2.6	2.45	2.55	2.55	2.6
		Overall	2.65	2.68	2.65	2.67	2.67	2.68
C416	Special Electrical Machines	Direct	2.7	2.7	2.7	2.7	2.7	2.6
		Indirect	2.65	2.5	2.55	2.5	2.55	2.5
		Overall	2.69	2.66	2.67	2.66	2.67	2.58
C417	Electrical Simulation Laboratory	Direct	3	3	3	3	3	3
		Indirect	2.4	2.4	2.3	2.25	2.4	2.45
		Overall	2.70	2.70	2.65	2.63	2.70	2.73
C418	Power Systems	Direct	3	3	3	3	3	3

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

	& Simulation Laboratory	Indirect	2.25	2.25	2.1	2.1	2.3	2.25
		Overall	2.63	2.63	2.55	2.55	2.65	2.63
C421	Digital Control Systems	Direct	2	2	2	2	1.9	2
		Indirect	2.75	2.65	2.7	2.55	2.65	2.7
		Overall	2.15	2.13	2.14	2.11	2.05	2.14
C422	HVDC Transmission	Direct	2	1.9	1.9	2	2	2
		Indirect	2.45	2.6	2.45	2.55	2.55	2.6
		Overall	2.09	2.04	2.01	2.11	2.11	2.12
C423	Electrical Distribution Systems	Direct	2.7	2.7	2.7	2.7	2.6	2.7
		Indirect	2.95	2.75	2.85	2.85	2.95	2.7
		Overall	2.75	2.71	2.73	2.73	2.67	2.7
C424	Flexible Alternating Current Transmission Systems	Direct	2.7	2.7	2.7	2.7	2.7	2.7
		Indirect	2.65	2.65	2.55	2.6	2.6	2.7
		Overall	2.69	2.69	2.67	2.68	2.68	2.7
C425	Project	Direct	3	3	3	3	3	3
		Indirect	3	3	3	3	3	3
		Overall	3	3	3	3	3	3

Coordinator

Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

POTTI SRIRAMULU CHALAVADI MALLIKHARJUNA RAO
COLLEGE OF ENGINEERING & TECHNOLOGY
Approved by AICTE, NEW DELHI and Affiliated to JNTU, Kakinada
Sponsored by : SKPVV Hindu High Schools Committee, Estd : 1906
D.No. 7-3-6/1, Raghava Reddy Street, Kothapet, Vijayawada - 520 001.
Voice : 0866-2423442, 91777 77855, Fax : 0866-2423443, E-mail: principal@pscmr.ac.in, www.pscmr.ac.in

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

2016 -2020 BATCH PO/PSO ATTAINMENTS

Direct PO & PSO Attainments for 2016 - 2020 Batch

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
1st Semester																
C111	1.03	0.80	1.03							2.39		1.59				
C112	0.80	1.81	0.80	1.21						0.60		1.21				
C113	0.90	1.03	1.03	0.97						0.78		1.55				
C114	0.93	1.56	1.04	0.97						1.17		1.56				
C115	0.51	0.85	0.78	0.53						0.76		0.85				
C116	0.92	0.77	0.77	0.77			1.54			1.39		1.54				
C117	0.95	0.95	2.84	1.89			2.84			0.95		0.95				
C118	0.96	0.96	0.96	1.91			1.91			2.87		0.96				
C119	0.95	0.95	1.89	0.95			2.84			2.84		2.84				

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
2nd Semester																
C121	1.01	1.85	1.69				1.69			1.26		1.69				
C122	0.65	1.46	0.65	0.97						0.49		0.97				
C123	0.85	1.91	0.85	1.28						0.80		1.28				
C124	0.98	1.12	1.12	1.05						0.84		1.68				0.98
C125	0.31	0.35	0.44	0.33						0.79		0.53				0.31
C126	0.96	0.96	0.96	0.96						1.91		0.96				0.96
C127	0.96	0.96	0.96	0.96						1.91		0.96				0.96
C128	0.96	0.96	1.44	0.96						0.96		1.44				0.96
Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
3rd Semester																
C211	1.46	1.79	1.68										1.35	2.02	1.35	1.35
C212	0.39	0.73					0.87	0.41	0.41	0.58	0.29	0.52	0.58	0.48	0.44	0.34
C213	0.98	0.65	0.87										0.65			
C214	2.00	1.33	1.33										1.73	1.33		0.67
C215	1.67	1.67	1.67	1.67		2.51	2.51					1.67	2.17	1.67		1.67
C216	2.35	2.09	1.68									1.68	2.23	1.95		

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.

C217	1.91	1.91					2.87				1.91		0.96	1.91		
C218	1.92	1.92	1.92	2.88			0.00		1.92				2.40	1.92	1.92	1.44

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
							4th Semester									
C221	1.63	1.74	1.40	1.40									1.86	1.40	1.63	1.40
C222	2.03	1.46	0.95	0.85	2.03	1.02	0.90			1.36	1.19	1.13	1.69	1.24	0.68	1.36
C223	2.48	2.07	1.51	1.52	2.48										2.21	
C224	1.21	1.33	1.10	1.00	1.21							1.88			1.10	1.33
C225	1.25	2.22	1.11									0.84	0.84		2.36	0.97
C226	1.95	1.74	0.87					1.74	1.74	1.74	2.60		0.00			0.87
C227	2.87	2.87	1.91						2.87	1.91		1.91	2.87			1.91
C228	0.96		0.96		1.91										0.96	

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
							5th Semester									
C311	1.32	1.46	0.93	0.88	0.79	1.32						0.88	0.88			
C312	2.07	2.86	1.48	1.18	1.18	1.18	2.67	0.89	0.89	1.78	1.78	1.78	1.48	1.48	1.48	1.48
C313	1.46	1.03		0.52			0.62				0.62	0.60			1.55	
C314	2.18	2.03	2.03												2.18	

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Peddi Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA 520 001

C315	1.63	2.22	1.42	1.18	1.07	1.78	0.89								2.67	0.89
C316	1.89	1.89		2.84	1.89				1.89				1.89	2.84		0.95
C317	1.91	1.91	1.91	2.86					1.91				2.86	2.48	1.91	0.95
C318	0.95	0.95	0.95	2.84					0.95				0.95			0.95
C319	1.18	2.36	0.89									0.89	0.89		2.67	0.89

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
6th Semester																
C321	0.96	1.91	1.91	2.23	2.87	1.91	1.91		1.27	1.91	1.91	1.27			0.96	2.87
C322	1.79	0.90	0.90	0.90	1.34						0.90			1.19		2.09
C323	1.80	2.09	2.24	2.09			1.35							1.35	1.19	
C324	1.26	1.08			0.90		1.12				1.19	1.04	0.90		1.80	0.90
C325	0.96	0.96	0.96	2.88					0.96		0.00			0.96	2.88	0.96
C326	0.96	1.91	1.91	2.23	2.87	1.91	1.91		1.27	1.91	1.91	1.27			0.96	2.87
C327	2.56	2.88	0.96		2.88					2.88		2.88				2.88

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
7th Semester																
C411	1.21	1.82	1.64		0.91	0.91						0.91	2.73	1.64	0.91	1.09

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001

C412	1.59	1.12	0.86	0.86	1.58							2.59	1.58	0.86	1.29	
C413	2.23	2.07	1.96			1.78	1.78					1.78		2.67		0.89
C414	2.54	1.98	1.80	0.90								1.80		2.70	1.80	0.90
C415	2.67	1.42				0.89						1.78			2.67	0.89
C416	2.66	0.89										0.89	2.66	0.89		0.89
C417	1.92	1.92	1.92	2.87	1.92				1.92				1.92	2.63	2.30	0.96
C418	1.89	1.89		2.84	1.89				1.89				1.89	2.84		0.95

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
8th Semester																
C421	1.30	0.92	0.71	0.71	1.29							2.12	1.29	0.71	1.06	
C422	2.08	1.11	0.00			0.69						1.39			2.08	0.69
C423	1.20	1.63	1.63		0.91	0.91						0.91	2.72	1.63	0.91	1.09
C424	2.24	2.09	1.97			1.79	1.79					1.79		2.69		0.90
C425	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
Direct PO-Attainment	1.51	1.55	1.33	1.49	1.69	1.51	1.71	1.51	1.66	1.51	1.40	1.44	1.68	1.76	1.68	1.20

Coordinator

Internal Quality Assessment Committee

PRINCIPAL

Potti Sriramulu Chalavadi Mallikharjuna Rao College of Engineering & Technology

Kothapet, Vijayawada-520 001.

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
Indirect PO-Attainment	3	3	3	3	3	2.7	3	2.5	3	2.6	3	2.4	3	3	2.8	3

Indirect PO Attainment

Overall Levels of attainment

Overall PO & PSO attainment for 2016-2020 Batch

PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
Direct PO& PSO Attainment	1.51	1.55	1.33	1.49	1.69	1.51	1.71	1.51	1.66	1.51	1.40	1.44	1.68	1.76	1.68	1.20
Indirect PO& PSO attainment	3	3	3	3	3	2.7	3	2.5	3	2.6	3	2.4	3	3	2.8	3
80% of Direct PO/PSO Attainment	1.21	1.24	1.07	1.19	1.35	1.21	1.37	1.21	1.33	1.21	1.12	1.15	1.34	1.41	1.35	0.96
20% of Indirect PO/PSO Attainment	0.6	0.6	0.6	0.6	0.6	0.54	0.6	0.5	0.6	0.52	0.6	0.48	0.6	0.6	0.56	0.6
Overall PO & PSO Attainments	1.81	1.84	1.67	1.79	1.95	1.75	1.97	1.71	1.93	1.73	1.72	1.63	1.94	2.01	1.91	1.56

Coordinator
Internal Quality Assessment Committee

PRINCIPAL
Potti Sriramulu Chalavadi Mallikharjuna Rao
College of Engineering & Technology
Kothapet, VIJAYAWADA-520 001.