ESTD: 2009

CMR TECHNICAL CAMPUS
UGC AUTONOMOUS
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Approved by AICTE, New Delhi and JNTU Hyderabad

Department of CSE [Artificial Intelligence & Machine Learning]

PO and PSO Attainment for 2020-2024 Batch

Sl. No.	Course Code	Course Title	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
1	C101	Algebra and Calculus	1.71	1.75	1.38	1.38	1.82	-	-	-	-	-	-	1.26	1.62	-	1.53
2	C102	Engineering Chemistry	2.12	2.12	2.06	2.02	1.9	1.25	1.25	-	-	-	-	2.7	2.12	-	2.11
3	C103	Programming for problem solving	1.87	1.71	1.84	1.76	1.84	-	-	-	-	-	-	1.76	1.76	2.1	1.81
4	C104	English	2.94	-	2.94	2.94	-	-	-	-	2.94	2.94	2.94	2.94	2.94	-	2.94
5	C105	Engineering Workshop	1.95	-	1.98	-	1.95	-		-	2.03	2.4		1.84	1.95	1.75	2.12
6	C106	Engineering Chemistry Lab	1.8	1.76	1.79	1.83	1.8	-			-	2.4		2.03	1.8	-	2.03
7	C107	English Language and Communication Skills Lab	1.87	-	-	-	-	-			1.88	1.88	-	1.83	1.97	-	1.88
8	C108	Programming for Problem Solving Lab	2.96	2.96	2.96	2.96	2.96				2.96	2.96	2.96	2.17	2.96	2.96	2.96
9	C109	Ordinary Differential Equations and Vector Calculus	1.77	1.72	1.68	1.64	1.26	-	-	-	-	-	-	1.26	1.72	-	1.82
10	C110	Applied Physics	1.35	1.24	1.28	1.3	-	-	-	-	-	-	-	-	1.3	-	-
11	C111	Basic Electronics & Electrical Engineering	0.94	0.97	0.9	0.97	-	-	-	-	-	-	-	-	1.02	-	-
12	C112	Engineering Graphics	1.26	1.26	1.26	1.26	1.26	-	-	-	-	-	-	-	1.26	1.26	-
13	C113	Applied Physics Lab	2.82	2.82	2.82	2.82	2.82	-	-	-	2.81	2.81	-	-	2.82	-	-
14	C114	Basic Electrical &Electronics Engineering Lab	1.68	1.65	1.66	1.65	-	-	-	-	1.53	1.53	-	1.63	1.67	-	1.54
15	C115	Basic Elements of Engineering Technology	2.63	2.64	2.63	2.63	2.62	-	-	-	2.7	2.63	2.62	2.7	2.7	2.56	2.7
16	C201	Design &Analysis Algorithms	2.5	2.56	2.48	2.13	2.13	-	-	-	-	-	-	-	2.68	2.41	2.4
17	C202	Data Structures using C	2.4	2.5	2.54	2.54	2.84	-	-	-	-	-	-	2.68	2.42	2.84	2.96
18	C203	OOPS Through Java	2.73	2.74	2.74	2.72	2.74	-	-	-	-	-	-	2.77	2.68	2.77	2.65
19	C204	Theory of Computation	2.87	2.4	2.87	2.86	2.85	-	-	-	-	-	-	2.96	2.86	2.96	-
20	C205	Programming with Python	1.84	1.84	1.84	1.84	1.84	-	-	-	-	-	-	1.84	1.79	1.97	1.84
21	C206	Data Structure using C Lab	2.97	2.97	2.97	2.97	2.97	2.97	-	-	2.97	2.98	2.97	2.97	2.97	2.97	2.97
22	C207	Python Lab	2.98	2.96	2.68	2.59	2.41			2.4	2.75	2.6	-	2.6	2.69	2.68	2.69
23	C208	OOPS Through Java Lab	2.97	2.97	2.97	2.97	2.97	2.96	2.96	2.96	2.97	2.97	2.97	2.98	2.96	2.97	2.98
24	C209	Data Base Management Systems	2.96	2.96	2.97	2.96	2.96	-	-	-	-	-	-	2.96	2.96	2.96	2.97
25	C210	Analog and Digital Electronics	1.68	1.23	1.31	1.56	-	-	-	-	-	-	-	-	1.62	1.44	1.84
26	C211	Computer Oriented Statistical Methods	1.85	1.85	1.85	1.48	-	-	-	-	-	-	-	-	1.99	-	-
27	C212	Operating Systems	1.21	1.16	1.02	1.03	1.02	-	-	-	-	-	-	-	1.2	0.55	0.55
28	C213	Computer Organization	1.43	1.4	1.29	1.29	1.29	-	-	-	-	-	-	-	1.47	1.29	1.29
29	C214	OS Lab	2.97	2.97	2.97	2.97	2.97			2.97	2.97		2.97	2.97	2.97	2.97	2.97
30	C215	DBMS Lab	2.97	2.98	2.97	2.98	2.98	-	-	2.97	2.97	2.98	-	2.97	2.98	2.97	2.97
31	C216	Analog and Digital Electronics Lab	1.31	1.28	1.66	1.66	1.66				1.66		1.66	1.66	1.29	1.66	1.85
32	C301	Data Mining	2.45	2.36	2.36	2.36	2.36	-	-	-	-	-	-	2.29	2.45	2.12	2.4
33	C302	Computer Networks	2.41	2.36	2.45	2.37	2.41	-	-	-	-	-	-	-	2.22	2.48	2.97

S.No	Code	Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3	PSO4
34	C303	Web Technologies	2.96	2.96	2.96	2.96	2.96	-	-	-	-	-	-	2.96	2.96	2.96	2.96
35	C304	Data Analytics (PE-I)	2.97	2.97	2.97	2.97	2.97	-	-	-	-	-	-	2.97	2.97	2.97	2.97
36	C305	Distributed Databases (PE-II)	2.4	2.66	2.59	2.52	2.52	-	-	-	-	-	-	-	2.26	2.97	2.13
37	C306	Data Mining Lab	2.97	2.97	2.97	2.97	2.97	-	-	2.97	2.98	2.97	-	2.97	2.97	2.97	2.96
38	C307	Computer Networks & Web Technologies Lab	2.97	2.97	2.97	2.97	2.97	-	-	2.98	2.97	2.98	-	2.98	2.97	2.98	2.97
39	C308	R Programming Lab	2.97	2.97	2.97	2.97	2.97	-	-	-	-	-	-	2.97	2.97	2.97	2.97
40	C309	Artificial Intelligence	2.29	2.36	2.26	2.27	2.21	-	-	-	-	-	-	2.29	2.32	2.27	2.31
41	C310	Compiler Design	2.4	2.4	2.4	2.4	2.4	-	-	-	-	-	-	-	2.4	2.4	-
42	C311	Software Engineering	2.25	2.26	2.18	2.1	2.1	-	-	-	-	-	-	1.84	2.26	2.18	1.84
43	C312	Software Testing Methodologies (PE-III)	2.8	2.86	2.52	2.56	2.48	-	-	-	-	-	-	1.59	2.82	2.43	2.96
44	C313	Fundamental of Internet of Things (OE-I)	2.2	2.09	2.06	1.92	1.88	-	-	-	-	-	-	2	2.51	1.57	1.57
45	C314	Artificial Intelligence Lab	2.97	2.97	2.97	2.97	2.97	-	-	-	-	-	-	2.97	2.97	2.97	2.97
46	C315	Advanced Communication Skills Lab	1.57	-	-	-	-	-	-	1.38	1.54	1.57	-	1.48	1.46	-	1.39
47	C316	Software testing methodologies Lab	2.97	2.97	2.97	2.97	2.97	-	-	2.96	2.96	2.96	2.97	2.97	2.97	2.96	2.96
48	C401	Business Economics & Financial Analysis	2.13	-	-	-	-	2.4	2.13	1.84	1.92	2.56	2.13	1.84	2.09	-	1.84
49	C402	Machine Learning	2.97	2.97	2.97	2.97	2.97	-	-	-	-	-	-	2.97	2.97	2.97	2.97
50	C403	Cloud Computing (PE-IV)	2.51	2.51	2.54	2.54	2.54	-	-	-	-	-	-	2.96	2.4	2.96	2.96
51	C404	Deep Learning (PE-V)	2.35	2.31	2.31	2.35	2.31	-	-	-	-	-	-	2.26	2.35	2.31	2.36
52	C405	Information Retrieval System (OE-II)	1.93	1.84	1.76	1.47	1.56	-	-	-	-	-	-	-	2.96	1.54	-
53	C406	Machine Learning Lab	2.85	2.86	2.86	2.88	2.88	-	-	2.97	2.86	2.97	-	2.33	2.87	2.89	2.84
54	C407	Industry Oriented Mini Project	2.97	2.97	2.97	2.97	2.97	2.98	2.98	2.96	2.96	2.97	2.97	2.97	2.97	2.97	2.97
55	C408	Seminar	2.94	2.94	2.94	2.94	2.93	2.95	2.95	2.94	2.93	2.93	2.93	2.93	2.94	-	2.94
56	C409	Project Stage – I	2.96	2.96	2.96	2.96	2.96	2.97	2.97	2.96	2.96	2.97	2.97	2.96	2.96	2.96	2.96
57	C410	Organizational Behaviour	2.55	2.45	2.49	2.55	-	2.95	2.2	2.68	2.47	2.4	2.51	2.4	2.96	-	2.4
58	C411	Cyber Forensics (PE-VI)	2.56	2.51	2.45	2.45	2.51	-	-	-	-	-	-	2.52	2.53	2.49	2.55
59	C412	Scripting Languages (OE-III)	2.74	2.7	2.7	2.76	2.74	-	-	-	-	-	-	2.76	2.74	2.85	2.76
60	C413	Project Stage – II	2.94	2.88	2.94	2.94	2.94	2.38	2.38	2.66	2.81	2.8	2.94	2.85	2.86	2.83	2.82
Direct Attinment (DA)			2.39	2.39	2.38	2.37	2.45	2.65	2.48	2.71	2.60	2.66	2.75	2.46	2.40	2.49	2.44
Number of Courses mapped with PO			60	55	57	56	50	9	8	15	24	23	14	47	60	45	52
Indirect Attainment (IA)			2.61	2.65	2.56	2.21	2.69	2.69	2.65	2.69	2.68	2.66	2.64	2.71	2.69	2.65	2.67
Overall Attainment (80%DA + 20%IA)			2.43	2.44	2.42	2.34	2.50	2.66	2.51	2.71	2.62	2.66	2.74	2.51	2.46	2.52	2.49

PAC Convener

HoD CSE(AI &ML)
Head
Department of CSE (AI & ML)
CMR Technical Campus
Kandlakoya (V), Medchal Road,
Hyderabad, Telangana - 501 401.