

AY 2023-24 PO-PSO Targets & Attainments

II YEAR

Course code	Course Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
22CIC01	Fundamentals of Cyber Security and Tools	1.43	1.3	0.78	1.3	0.98	1.3	-	0.98	0.65	0.98	0.65	1.3	0.65	0.65	0.65
	Target Level	2.2	2	1.2	2	1.5	2	-	1.5	1	1.5	1	2	1	1	1
22CSC32	Discrete Mathematics	1.76	1.78	1.6	1.6	1.6	-	-	-	1	-	1	1.5	1	1	1
	Target Level	2	2	2	2	2	-	-	-	1	-	1	2	1	1	2
22CSC05	Data Structures	1.95	1.69	0.65	-	-	-	-	-	-	-	-	-	0.65	0.65	1
	Target Level	3.000	2.600	1.000	-	-	-	-	-	-	-	-	-	-	-	-
22CSC11	Data Base Management systems	1.52	1.4	1.2	1	1.2	-	-	-	-	-	-	-	1.000	1.000	-
	Target Level	2	1.6	1.4	1.2	1.8	-	-	-	-	-	-	0.65	-	-	-
22CSC20	Computer Networks	1.8	1.85	1.5	1.3	1.85	-	-	-	1	-	1	1.5	1	1	1
	Target Level	2.3	2	1.8	2	2	-	-	-	1	-	1	2	1	1	2
22ITC01	Digital Logic and computer Architecture	2.00	1.50	1.80	1.80	1.80	3.00	-	-	1.00	1.00	1.00	1.70	3.00	3.00	3.00
	Target Level	2	2	2	2	2	3	-	-	1	1	1	2	3	3	3
22CIC02	Fundamentals of Cyber Security and Tools Lab	1.84	2.21	1.84	2.39	2.58	1.29	-	0.92	1.84	1.84	0.92	1.84	1.38	0.92	0.92
	Target Level	2	2.4	2	2.6	2.8	1.4	-	1	2	2	1	2	1.5	1	1
22CSC31	Data Structures Lab	1.722	2.302	0.186	0	0	0	0	0	0	0	0	0	-	0	0.186
	Target Level	2.2	3	1	-	-	-	-	-	-	-	-	-	-	1	1
22CSC33	Data Base Management systems Lab	0.574	0.35	0.272	0.35	0.35	0	0	0	0.348	0	0.194	0.274	0.2	0.2	0.4
	Target Level	3	1.8	1.75	1.8	3	-	-	-	1.8	-	1	2.3333	2.3333	1	1
22CSC37	Networks Lab	2.21	1.47	1.23	1.38	-	-	-	-	-	-	-	0.92	1.65	1.65	1.61
	Target Level	2.4	1.6	1.33	1.5	-	-	-	-	-	-	-	1	1.8	1.8	1.75
22CIC03	AI Tools, Techniques and Applications	1.90	2.00	1.90	1.20	1.15	-	-	-	1.00	1.00	1.00	1.00	1.00	1.80	2.00
	Target Level	2	2	2	2	2	-	-	-	1	1	1	1	1	2	2
22CSC14	Design and Analysis of Algorithms	1.85	1.20	1.88	1.21	1.15	-	-	-	1.00	1.00	1.00	1.00	1.00	1.80	2.00
	Target Level	2	2	2	2	2	-	-	-	1	1	1	1	1	2	2
22ITC17	Web Technologies	1.30	0.78	1.17	0.78	0.78	-	-	-	0.65	0.65	0.65	0.65	0.65	1.17	1.30
	Target Level	2	1.2	1.8	1.2	1.2	-	-	-	1	1	1	1	1	1.8	2
22MTC13	Mathematical Foundation for Data Science & Security	2.38	2.38	1.91	2.38	-	-	-	-	-	-	-	1.59	0.8	0.8	-
	Target Level	2.1	2.1	1.68	2.1	-	-	-	-	-	-	-	1.4	0.7	0.7	-
22ECC36	Basic Electronics and Sensors	1.68	1.21	1.18	1.20	1.20	-	-	-	1.00	1.00	1.00	1.00	1.00	1.80	2.00
	Target Level	2	2	2	2	2	-	-	-	1	1	1	1	1	2	2
22MBC01	Engineering Economics & Accountancy	1.75	1.50	1.68	1.21	1.18	-	-	-	-	1.00	1.00	1.00	-	-	-
	Target Level	2	2	2	2	2	-	-	-	-	1	1	1	-	-	-
22CIC04	AI Tools, Techniques and Applications Lab	1.65	1.20	1.80	1.35	1.40	2.40	-	-	-	1.00	1.00	1.00	1.33	3.00	3.00
	Target Level	2	2	2	2	2	3	-	-	1	1	1	2	3	3	3
22CSC34	Design and Analysis of Algorithms Lab	1.9	1.86	1.8	1.9	-	-	-	-	-	-	-	1.3	2	2	2
	Target Level	2	2	2	-	-	-	-	-	-	-	-	2	3	3	3
22ITC19	Internet Technologies Lab	1.90	1.15	1.72	1.33	1.33	2.81	-	-	0.97	0.97	0.97	1.27	-	2.85	2.85
	Target Level	2	1.2	1.8	1.4	1.4	3	-	-	1	1	1	1.3333	3	3	3
22ECC37	Basic Electronics and Sensors Lab	2.00	1.20	1.80	1.40	1.40	3.00	-	-	1.00	1.00	1.00	1.33	3.00	3.00	3.00
	Target Level	2	2	2	2	2	3	-	-	1	1	1	2	3	3	3

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 CRTT (A), Gandipet, Hyderabad-500 075.

AY 2023-24 PO-PSO Targets & Attainments


III YEAR

Course code	Course Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
20CSC12	Design and Analysis of Algorithms	2.01	2	1.25	-	-	-	-	-	-	-	-	-	0.93	0.93	0.93
	Target Level	2.17	2.17	1.33	-	-	-	-	-	-	-	-	-	1	1	1
20CSC12	Operating Systems	1.78	1.76	2.11	1.45	1.62	1.75	1.16	1.15	1.61	1.125	1.78	1.93	1.93	1.76	1.76
	Target Level	1.83	1.83	2.2	1.5	1.67	1.8	1.2	1.2	1.67	1.17	1.83	2	2	1.83	1.83
20CIC03	IoT Development, Applications and Practice	1.8	1.75	1.6	-	-	-	-	-	-	-	-	-	1.85	-	-
	Target Level	2	2	2	-	-	-	-	-	-	-	-	2	-	-	-
20CIC04	Computer Networks	1.9	1.75	1.6	-	-	-	-	-	-	-	-	-	1.85	-	-
	Target Level	2	2	2	-	-	-	-	-	-	-	-	2	-	-	-
20CIE01	Linux Kernel Internals and Programming	1.95	1.69	0.65	-	-	-	-	-	-	-	-	-	0.65	0.65	-
	Target Level	3	2.6	1	-	-	-	-	-	-	-	-	-	1	1	-
20CIE03	Artificial Intelligence and Machine Learning	1.5	1.7	1.65	2	-	-	-	-	-	1.4	0.97	-	-	-	1.57
	Target Level	2	2	2	2	-	-	-	-	-	2	2	-	-	-	2
20MEO09	Organizational Behaviour	1.63	1.63	0.65	1.3	-	-	-	-	-	1.3	0.97	-	-	-	1.57
	Target Level	2	2	2	2	-	-	-	-	-	2	2	-	-	-	2
20MTO03	Quantum Computing	1.8	1.85	2.65	1.3	-	-	-	-	-	1.3	0.97	-	-	-	1.57
	Target Level	2	2	2	2	-	-	-	-	-	2	2	-	-	-	2
20CSC23	Operating Systems Lab	1.83	1.52	1.52	1.52	2.74	2.75	-	2.74	1.22	2.74	1.53	2.74	-	-	2.13
	Target Level	2.00	1.67	1.67	1.67	3.00	3.00	-	3.00	1.33	3.00	1.67	3.00	-	-	2.33
22CIC05	IoT Development, Applications and Practice Lab	1.86	1.9	1.8	-	-	-	-	-	-	-	-	-	1.8	-	-
	Target Level	2	2	2	-	-	-	-	-	-	-	-	2	-	-	-
20CIC06	Computer Networks Lab	2	2.25	1.8	-	-	-	-	-	-	-	-	-	1.95	-	-
	Target Level	2	2	2	-	-	-	-	-	-	-	-	2	-	-	-
20CIC07	Theory of Computation and Compilers	2.00	2.30	1.70	1.00	1.40	3.00	-	-	1.00	1.00	1.00	1.50	2.50	2.80	3.00
	Target Level	2	2	2	2	2	3	-	-	1	1	1	2	3	3	3
20CSC22	Software Engineering	2.00	1.20	1.80	1.40	1.40	3.00	-	-	1.00	1.00	1.00	1.33	3.00	3.00	3.00
	Target Level	2	2	2	2	2	3	-	-	1	1	1	2	3	3	3
20CIC08	Blockchain Platforms and Applications	1.80	1.30	1.70	1.30	1.40	2.50	-	-	1.00	1.00	1.00	1.33	2.70	3.00	3.00
	Target Level	2	2	2	2	2	3	-	-	1	1	1	2	3	3	3
20EGM03	Universal Human Values-II Understanding Harmony	1.75	1.6	1	1.8	1	-	-	-	-	-	1	1	2	3	2
	Target Level	2	2	2	2	2	-	-	-	-	-	1	1	3	3	3
20CSE06	Soft Computing	1.75	1.6	1	1.8	1	-	-	-	-	-	1	1	2	3	2
	Target Level	2	2	2	2	2	-	-	-	-	-	1	1	3	3	3
20CIE05	Vulnerability Analysis and Penetration Testing	1.86	1.12	1.80	1.20	1.20	-	-	-	1.00	1.00	1.00	1.00	1.00	1.80	2.00
	Target Level	2	2	2	2	2	-	-	-	1	1	1	1	1	2	2
20MTO01	Financial Mathematics	2.8	2.06	2.64	2.31	2.48	-	-	-	1.67	1.48	-	-	1.8	-	-
	Target Level	3	3	3	3	3	-	-	-	2	2	-	-	2	-	-
20EGO01	Technical Writing Skills	2.9	2.16	2.74	2.41	2.8	-	-	-	1.77	1.68	-	-	1.8	-	-
	Target Level	3	3	3	3	3	-	-	-	2	2	-	-	2	-	-
20CSC25	Case Studies using UML Lab	2.8	2.8	2.8	2.34	2.24	-	-	1.87	2.06	1.68	1.5	1.87	0.94	1.31	1.5
	Target Level	3	3	3	2.5	2.4	-	-	2	2.2	1.8	1.6	1.8	1.4	1.4	1.6

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20CIC09	Blockchain Platforms and Applications Lab	2.00	1.40	1.73	1.43	1.42	2.89	-	-	-	-	-	1.33	3.00	3.00	3.00	
	Target Level	2	2	2	2	2	3	-	-	-	-	-	2	3	3	3	
20CIE07	Vulnerability Analysis and Penetration Testing Lab	0.83	0.648	0	0	-	0	0	0	0.646	0	0	0	0	0.47	0.93	
	Target Level	1.8	1.4	-	-	-	-	-	-	1.4	-	-	-	-	1	1	
20CSE15	Soft Computing Lab	1	2	1	2	2	-	-	-	-	-	-	-	1	3	3	2
	Target Level	2	2	2	2	2	-	-	-	-	-	-	-	2	3	3	3
20EGC03	Employability Skills	2.00	1.20	1.80	1.40	1.40	3.00	-	-	-	-	-	1.33	3.00	3.00	3.00	
	Target Level	2	2	2	2	2	3	-	-	-	-	-	2	3	3	3	

**AY 2023-24 PO-PSO Targets & Attainments
IV YEAR**



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Course code	Course Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
20CSC30	Cryptography and Network Security	1.42	1.89	2.36	1.88	1.41	1.26	-	-	-	-	-	1.42	2.35	2.67	2.2
	Target Level	1.5	2	2.5	2	1.5	1.33	-	-	-	-	-	1.5	2.5	2.83	2.33
20EGM01	Indian Constitution and Fundamental Principles	2.00	1.20	1.80	1.40	1.40	3.00	-	-	1.00	1.00	1.00	1.33	3.00	3.00	3.00
	Target Level	2	2	2	2	2	3	-	-	1	1	1	2	3	3	3
20EGM02	Indian Traditional Knowledge	2.80	1.30	1.85	1.55	1.50	2.80	-	-	1.00	1.00	1.00	1.33	3.00	3.00	3.00
	Target Level	2	2	2	2	2	3	-	-	1	1	1	2	3	3	3
20CIE10	Crypto Currencies	2.00	1.20	1.80	1.40	1.40	3.00	-	-	1.00	1.00	1.00	1.33	3.00	3.00	3.00
	Target Level	2	2	2	2	2	3	-	-	1	1	1	2	3	3	3
20CIE09	Social Engineering	1.44	0.96	1.28	0.96	0.64	0	1.95	-	-	-	1.91	0.96	0.8	0.64	0.8
	Target Level	2.25	2	2	1.5	2	-	2	-	-	-	2	2	2.5	2	2.5
20CSE08	Enterprise Application Development	1.8	1.75	1.6	-	-	-	-	-	-	-	-	1.85	-	-	-
	Target Level	2	2	2	-	-	-	-	-	-	-	-	2	-	-	-
20CSE34	Cloud Computing	2	1.8	1.8	-	-	-	-	-	-	-	-	2	-	-	-
	Target Level	2	2	2	-	-	-	-	-	-	-	-	2	-	-	-
20MEO04	Principles of Entrepreneurship	1.71	1.8	1.76	1.68	-	-	-	-	-	-	-	1.78	-	-	-
	Target Level	2	2	2	2	-	-	-	-	-	-	-	2	-	-	-
20CSC31	Cryptography and Network Security Lab	1.57	1.96	2.54	2.15	1.37	1.37	-	-	-	-	-	1.37	2.93	2.93	2.93
	Target Level	1.6	2	2.6	2.2	1.4	1.4	-	-	-	-	-	1.4	3	3	3
20CIC10	Technical Seminar	2.25	1.20	1.90	1.35	1.50	2.80	-	-	-	-	-	1.33	3.00	3.00	3.00
	Target Level	2	2	2	2	2	3	-	-	-	-	-	2	3	3	3
20CIC11	Project Part-1	2.00	1.20	1.80	1.40	1.40	3.00	-	-	-	-	-	1.33	3.00	3.00	3.00
	Target Level	2	2	2	2	2	3	-	-	-	-	-	2	3	3	3
20CSE17	Enterprise Application Development Lab	1.70	1.20	1.80	1.35	1.40	2.40	-	-	1.00	1.00	1.00	1.33	3.00	3.00	3.00
	Target Level	2	2	2	2	2	3	-	-	1	1	1	2	3	3	3
20CSE38	Cloud Computing Lab	1.65	2.50	1.60	1.45	2.00	3.00	-	-	1.00	1.00	1.00	1.33	2.60	3.00	2.90
	Target Level	2	2	2	2	2	3	-	-	1	1	1	2	3	3	3
20CSE04	Free and Open Source Technologies	1.44	1.92	2.4	1.92	1.44	1.28	-	-	-	-	-	1.44	2.4	2.72	2.24
	Target Level	1.5	2	2.5	2	1.5	1.33	-	-	-	-	-	1.5	2.5	2.83	2.33

20EGM04	Gender Sensitization	2.00	1.20	1.80	1.40	1.40	3.00	-	-	-	-	-	1.33	3.00	3.00	3.00
	Target Level	2	2	2	2	2	3	-	-	-	-	-	2	3	3	3
20CEM01	Environmental Science	1.90	1.50	2.50	2.00	2.50	2.80	-	-	-	-	-	1.33	3.00	3.00	3.00
	Target Level	2	2	2	2	2	3	-	-	-	-	-	2	3	3	3
20CIC12	Project Part-II	2.90	1.25	1.90	1.30	1.30	2.90	-	-	-	-	-	1.33	3.00	3.00	3.00
	Target Level	2	2	2	2	2	3	-	-	-	-	-	2	3	3	3

CONSOLIDATED ATTAINMENT

Student Exit survey	2.13	2.25	1.85	1.07	2.25	2.54	2.1	1.23	2.12	2.1	2.14	2.1	1.25	2.3	2
Indirect Attainment	1.84	2.21	1.84	2.39	2.58	1.29	-	0.92	1.84	1.84	0.92	1.84	1.38	0.92	0.92
Direct Attainment	1.86	1.60	1.63	1.47	1.47	2.18	0.62	0.96	1.05	1.07	0.97	1.32	1.96	2.11	2.10
Final Attainment	2.22	2.04	2.00	1.94	1.99	2.43	0.62	1.14	1.42	1.44	1.15	1.69	2.24	2.29	2.29
Target Attainment	2.10	2.04	1.96	1.98	2.03	2.66	1.60	1.74	1.23	1.34	1.19	1.77	2.26	2.29	2.40


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