

Madhav Institute of Technology & Science Gwalior

Deemed University

(Declared under Distinct Category by Ministry of Education, Government of India)

NAAC ACCREDITED WITH A++ GRADE IN ENGINEERING Deemed University

Department : Computer Science & Engineering **Year** 2023-2024

S.No.	Course Code & Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO 1	PSO 2
1	150311-Computer System Organization	50.30	42.00	36.70	40.10	28.70	48.20	47.40	69.20	47.90	49.70	49.50	59.80	43.90	30.70
2	150313-Computer Graphics	68.84	59.73	44.00	58.26	40.42	32.36		36.95	51.51	40.42	42.87	54.69	52.14	61.44
3	150314-Design and Analysis of Algorithms	52.80	65.55	37.85	68.51	25.66	73.46	36.30	61.56	69.90	51.01	77.31	72.84	60.86	23.47
4	150303: Computer Graphics and Multimedia	57.75	50.17	37.10	48.92		28.75	40.50	19.07	41.49	57.94	36.57	58.05	45.30	62.24
5	150312-Operating System	68.78	65.01	47.78	64.52	49.82	33.99	51.24	37.51	56.12	38.77	46.91	65.29	60.24	73.79
6	150314-Design and Analysis of Algorithms	69.33	64.34	42.49	46.98	50.18	31.05	57.76	40.09	55.53	52.06	45.66	64.86	59.74	64.77
7	150314-Design and Analysis of Algorithm LAB	65.99	53.31	45.44	53.27	37.67	36.52	49.93	38.10	48.60	63.93	43.87	66.06	52.26	62.06
8	150412-Database Management System	66.67	62.20	40.99	43.78	68.05	32.94	54.71	36.96	54.04	68.05	48.16	61.79	58.07	57.87
9	150413-Software Engineering	66.49	59.51	42.31	53.91	36.55	31.05	57.76	40.09	55.26	64.47	45.66	64.68	59.47	64.60
10	150414-Theory of Computation	65.01	59.93	39.82	43.63	46.15	29.68	56.16	36.95	51.66	48.08	42.87	60.46	55.73	60.70
11	150415-Programming LAB Python Programming	69.15	59.51	42.31	53.91	36.55	31.05	57.76	40.09	55.26	64.47	45.66	64.68	59.47	64.60
12	150511 -Data Science	70.67	37.77	46.68	43.06	47.01	23.71	30.69	34.13	45.60	48.00	35.77	37.35	47.02	29.42
13	150512-Networking with TCP/IP	68.42	51.52	43.91	50.20	51.78	24.14	23.30	29.42	37.75	40.54	41.38	60.63	44.24	48.28
14	150513-Information Security	65.14	61.41	41.04	54.72	57.07	29.41	48.98	30.80	44.15	36.47	45.07	61.02	53.07	44.70
15	150514-Compiler Design	75.53	57.87	42.16	53.70	26.37	32.13	60.04	41.90	53.12	85.02	46.62	69.73	58.89	69.86
16	150515-Artificial Intelligence	68.63	60.28	40.05	48.70	70.60	29.06	54.75	29.68	43.97	40.99	42.31	60.64	52.32	64.23
17	150512-Networking with TCP/IP	68.42	55.92	56.36	51.83	35.50	47.47	24.03	24.11	31.79	23.53	46.48	43.91	47.88	48.28
18	150513-Information Security	64.17	64.36	44.59	49.40	48.93	30.93	24.98	29.53	59.31	24.71	49.38	59.23	59.24	34.65
19	150514-Compiler Design	72.28	67.95	57.36	70.36	67.21	41.54	26.55	36.93	46.61	30.89	51.54	73.07	52.51	56.98
20	150515-Artificial Intelligence	71.70	71.70	47.80	55.77	39.78	29.83	23.85	35.83	47.80	39.71	47.80	59.73	65.71	59.73
21	150502: Software Engineering LAB	55.40	48.27	32.24	41.23	27.42	28.33	55.83	31.54	40.17	33.38	39.69	50.32	43.43	51.36
22	150504: Microprocessor and interfacing LAB	51.52	38.62	28.06	46.34	10.91	25.49	48.66	31.50	35.44	41.95	36.79	47.42	39.47	46.86
23	Machine Learning-150613	58.32	38.38	32.52	31.31	36.95	16.57	15.88	11.68		43.80	39.74	27.00	46.03	17.25
24	150716-Distributed Systems	74.11	69.91	56.43	69.82	65.32	43.75	26.36	38.28	48.21	30.78	52.67	69.37	52.50	61.17
25	1000008-Universal Human Values & Professional	75.13	75.13	54.29	56.55	43.90	29.19	24.95	33.51	54.22	37.56	45.14	58.50	70.93	58.44
26	Network Security910201	64.97	50.80	49.35	55.05	45.51	23.03	21.85	27.07	34.46	33.96	33.96	64.97	46.01	57.54
27	Internship/ Project	71.79	80.47	52.71	57.92	76.66	28.74	39.83	72.87	62.10	62.16	57.92	77.01	57.49	66.88

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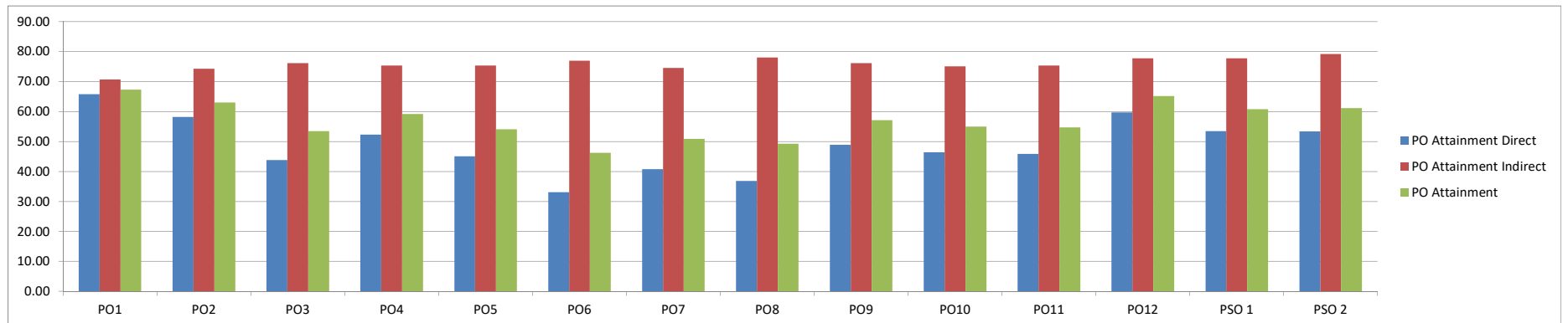
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	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO 1	PSO 2
PO Attainment Direct	65.83	58.21	43.79	52.29	45.03	33.05	40.77	36.86	48.92	46.38	45.83	59.74	53.48	53.40
PO Attainment Indirect	70.68	74.25	76.16	75.34	75.34	76.99	74.52	78.08	76.16	75.07	75.34	77.78	77.81	79.18
PO Attainment	67.28	63.02	53.50	59.20	54.12	46.23	50.90	49.23	57.09	54.99	54.68	65.15	60.78	61.13



Target (%):	60		
POs	PO Attainment (%)	Attained/Not Attained	Action taken for not attained
PO1	67.28	Attained	-
PO2	63.02	Attained	-
PO3	53.5	Not Attained	More interactive sessions are planned with professionals from industry in order to expose the industrial / societal problems. Skill Based Projects are introduced. In-house Summer internship program to enhance the skills of students was arranged
PO4	59.2	Not Attained	Assignments and seminars are given and they are expected to study the real world problems and give presentation about their ideas to solve them. In-house internships in the form of Finishing schools and summer internships were conducted to help students to solve complex computer science and engineering problems.
PO5	54.12	Not Attained	Conduct hands-on workshops and hackathons focused on practical applications of engineering concepts. Organize expert guest lectures on emerging technologies and industry demands.
PO6	46.23	Not Attained	Encouraged to participate in the extra-curricular activities through NSS etc. To identify the problems in the society and the scope for solving through engineering.
PO7	50.9	Not Attained	Additional interactive session were arranged for students in courses like IPR and Disaster management.
PO8	49.23	Not Attained	EEES course was introduced to further strengthen the PO
PO9	57.09	Not Attained	-Develop team-based projects to simulate industry environments for collaborative problem-solving. Conduct peer-learning sessions to improve teamwork and interpersonal skills.
PO10	54.99	Not Attained	Provide students with opportunities to present their projects at conferences or symposiums.

PO11	54.68	Not Attained	Students were allowed/encouraged to take industry internships for completing 8th semester projects
PO12	65.15	Attained	-
PSO1	60.78	Attained	-
PSO2	61.13	Attained	-