



माधव प्रौद्योगिकी एवं विज्ञान संस्थान, ग्वालियर
MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR
 Deemed to be University
 (Declared under Distinct Category by Ministry of Education, Government of India)
 NAAC ACCREDITED WITH A++ Grade
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Department of Engineering Mathematics and Computing

Year 2023-2024

PO ATTAINMENT

S.No.	Course Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO 1	PSO 2
1	Introduction to Computing (3250121)	2.80	2.75	2.77	2.75	2.80		3.00					3.00	2.78	2.80
2	Introduction to Computer Programming (3250122)	2.40	2.40	2.40						2.38				2.40	
3	Statistical Techniques (3250123)	2.80	2.75	2.50	3.00	3.00	3.00		2.83	2.80	2.80	2.60	3.00	2.00	3.00
4	Element of Calculus (3250124)	2.60	2.60	2.60	2.60			2.60	2.60	2.60	2.60				2.60
5	Digital Logic Design (3250125)	2.84	2.84	2.83	2.84	2.84	2.77	2.87	2.84	2.84	2.84		2.84	2.81	2.81
6	Computer Organization and Logic Design(3250221)	2.84	2.82	2.82	2.80		2.80	2.80	2.80	2.80	2.80				2.80
7	Differential Equations (3250222)	2.25	2.25	2.25	2.25		2.25			2.28				2.25	
8	Object Oriented Methodology and Programming with C++(3250223)							2.81	2.81	2.81	2.81	2.81	2.81		2.81
9	Linear Algebra (3250224)	2.86			2.86	2.86				2.86	2.86	2.86		2.86	2.86
10	Simulation Modeling and Analysis (3250225)	2.83	2.82	2.82	2.90	2.90				2.85	2.84	2.83	2.82	2.83	2.85
11	Stochastics Process & Mathematics fanniac (3250321)	2.79	2.79	2.79						2.79	2.79	2.79		2.79	
12	Discrete Mathematical Structures (3250322)	2.78	2.78	2.78						2.78	2.78	2.78		2.78	
13	Operating System Concepts (3250323)	2.70	2.71	2.71	2.70	2.62	2.76	2.63	2.72	2.75	2.72	2.76	2.61	2.66	2.72
14	Data Structure and Algorithms (3250324)	2.69	2.69		2.65			2.81	2.61	2.61	2.61	2.65		2.60	
15	Numerical Techniques (3250325)	2.48	2.52	2.52										2.48	
16	Engineering Physics (3000001)	2.83			2.83	2.83								2.83	
17	Transform and Vector Calculus (3250401)	1.84	1.83	1.72	1.84	1.62	1.90	1.99	2.20		1.82		1.82	1.62	1.63
18	Database Management Systems and SQL (3250402)	2.46	2.46	2.46	2.46	2.46								2.46	2.46
19	Theory of Computation (3250403)	1.98	1.98	1.98	1.98	1.98	1.96	1.98		1.98	1.98	1.98	1.98	1.98	1.98
20	Design and Analysis of Algorithms (250404)	2.72	2.76	2.72	2.74	2.72	2.72	2.71		2.66	2.68	2.79	2.73		2.72
21	Number Theory and Cryptography (3250405)	2.67	2.73	2.70	2.56			2.68	2.73			2.69		2.72	
22	Project Management and Financing (1000005)				2.14		2.56		2.26	2.39	1.36	2.06		1.77	1.91
23	Engineering Chemistry (3000002)	2.51	2.51	2.51					2.19	2.19	2.19	2.19		2.19	2.19
24	Computer Networks (250501)	2.82	2.82				2.82	2.82	2.82					2.82	
25	Real and Complex Analysis (250502)	2.68	2.68	2.68	2.70	2.71	2.78	2.68	2.68	2.68	2.65		2.68	2.68	2.75
26	Software Engineering (250503)	2.06	2.06	2.06	2.09	2.06	1.94	1.68	2.11	1.74	2.09	1.45	2.11	2.06	1.98
27	Data Science using Python (250504)	2.12	1.98	1.98	2.19	2.12	1.99	2.17		2.17	1.92		2.09	2.50	2.40
28	Optimization Techniques (250505)	2.83			2.83	2.83								2.83	
29	Computer Graphics (250601)	1.87	1.86	1.74	1.88	1.62	2.20	2.18	2.20		1.86		1.86	1.62	1.63
30	Compiler Design (250602)	2.46	2.46	2.46	2.46	2.46								2.46	2.46
31	Artificial Intelligence & Machine Learning (250603)	1.98	1.98	1.98	1.98	1.98	1.96	1.98		1.98	1.98	1.98	1.98	1.98	1.98
32	Intellectual Property Rights (IPR) (1000007)	2.72	2.76	2.72	2.74	2.72	2.72	2.71		2.66	2.68	2.79	2.73		2.72
33	Engineering Reliability (250731)	2.67	2.73	2.70	2.56			2.68	2.73			2.69		2.72	
34	Distributed Computing (250732)				2.14		2.56		2.26	2.39	1.36	2.06		1.77	1.91
35	130801 : Internship/ Project	2.23	2.23	2.23		2.23	2.23				2.23				
36	130802 : Professional Development	2.44	2.45	2.46		2.46	2.46				2.46				

	INDIRECT PO ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO 1	PSO 2
Survey 1 (Exit Survey)		2.17	2.12	1.54	2.20	2.09	2.06	2.05	2.31	2.06	2.01	2.08	2.13	2.14	2.13
Survey 2 (Alumni Survey)		2.11	2.13	2.09	2.09	2.04	2.08	2.08	2.10	2.14	2.16	2.29	2.18	2.16	2.13
Survey 3 (Employer Survey)		1.91	1.87	1.99	1.87	1.74	1.71	1.87	1.89	1.82	1.90	1.68	1.45	1.78	1.87
	Indirect PO Attainment	2.06	2.04	1.87	2.05	1.96	1.95	2.00	2.10	2.01	2.02	2.02	1.92	2.03	2.04

Department : Department of Engineering Mathematics and Computing Year July- 2023- June-2024

PO ATTAINMENT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO 1	PSO 2
Direct PO Attainment	2.59	2.57	2.54	2.57	2.58	2.53	2.59	2.60	2.61	2.53	2.60	2.58	2.46	2.54
Indirect PO Attainment	2.06	2.04	1.87	2.05	1.96	1.95	2.00	2.10	2.01	2.02	2.02	1.92	2.03	2.04
Overall PO Attainment	2.49	2.46	2.40	2.47	2.46	2.42	2.47	2.50	2.49	2.43	2.48	2.44	2.38	2.44

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Graphical Representaion of OP Attainment (2023-2024)

