



# MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

Deemed University

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

NAAC Accredited with A++ Grade



## PO Attainment of July-Dec 2023 Batch (B. Tech Internet of Things(IoT))

Course Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO 1	PSO 2
Software Testing 910204	1.67	1.83	2.00	2.00	1.67		1.00			1.00		1.00	2.17	1.83
Embedded Systems & IoT 230504	2.33	2.00	3.00	2.00	2.00	1.67	1.67	1.67	1.67	2.00	2.00	2.00	2.00	
Embedded Systems & IoT Lab 230504	2.33	2.00	3.00	2.00	2.00	1.67	1.67	1.67	1.67	2.00	2.00	2.00	2.00	
Design & Thinking Lab 2230325	2.00	2.00	3.00	2.00	2.00	1.00	1.00	1.00	1.00	2.00	2.00	2.00	2.00	
Basic Electrical and Electronics Engineering Lab 43100022	2.00	2.00	3.00	2.00	2.00	1.00	1.00	1.00	1.00	2.00	2.00	2.00	2.00	2.00
Basic Electrical and Electronics Engineering 43100023	2.33	2.00	3.00	2.00	2.00	1.67	1.67	1.67	1.67	2.00	2.00	2.00	2.00	2.00
Data Science in IOT 230502	2.33	2.00	3.00	2.00	2.00	1.67	1.67	1.67	1.67	2.00	2.00	2.00	2.00	2.00
Data Science in IOT Lab 230502	2.00	2.00	3.00	2.00	2.00	1.00	1.00	1.00	1.00	2.00	2.00	2.00	2.00	2.00
Computer Graphics & Multimedia 2230323	2.33	2.00	3.00	2.00	2.00	1.67	1.67	1.67	1.67	2.00	2.00	2.00	2.00	
Computer Graphics & Multimedia Lab 2230324	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Discrete Structures 2230324	2.33	2.00	3.00	2.00	2.00	1.67	1.67	1.67	1.67	2.00	2.00	2.00	2.00	
Digital Logic Design 3230123	2.00	2.00	3.00	2.00	2.50	2.00	1.50	2.00	1.75	2.00	2.00	2.00	2.00	1.25
Theory of Computation 230503	1.67	2.00	2.00	2.00	1.67	-	1.00	-	-	1.00	-	1.00	2.17	1.83
Computer Programming 230122	2.33	1.50	1.33	2.00	2.00	2.00	2.00	1.00	2.00	2.00	1.50	2.00	1.40	2.00
Computer Network & Protocol 2230321	1.67	1.67	1.50	1.75	1.33	1.67	1.33	1.33	1.33	1.67	2.00	1.50	2.00	2.00
Computer Architecture and Microprocessor 280401	2.33	2.00	3.00	2.00	2.00	1.67	1.67	1.67	1.67	2.00	2.00	2.00	2.00	-
Direct PO Attainment	2.04	1.88	2.55	1.92	1.89	1.52	1.41	1.43	1.48	1.79	1.89	1.78	1.92	1.79



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## PO Attainment of Jan-June 2024 Batch (B. Tech Internet of Things(IoT))

Course Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO 1	PSO 2
Operating System (3230221)	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
Sensor Technology (3230222)	2.97	2.96	2.95	2.95	2.97	2.96	2.97	2.97	2.97	2.97	2.97	2.97	2.98	
Sensor Technology Lab (3230222)	2.86	2.90	2.90	2.91	2.91	2.91	2.95	2.97	2.97	2.97	2.97	2.93	2.86	
Data Structure (3230223)	2.40	2.75	2.50	2.50	2.40	2.50		3.00	2.50	3.00	1.50	3.00	2.54	2.73
Data Structure Lab (3230223)	2.40	2.75	2.50	2.50	2.40	2.50		3.00	2.50	3.00	1.50	3.00	2.54	2.73
Python Programming (3230224)	2.44	2.31	2.33	2.33	2.31	2.00	2.00	2.14	2.40	2.00	2.00	2.50	2.33	2.96
Python Programming Lab (3230224)	2.91	2.91	2.91	2.91	2.91	2.91	2.91	2.91	2.91	2.91	2.91	2.91	2.91	2.91
Computer Architecture and Microprocessor (2230421)	2.74	3.00	2.74	2.90	2.74	2.77	2.77	2.77	2.77	2.74	2.74	2.90	2.87	2.87
IoT Embedded Systems Design (2230422)	2.14	3.00	2.00	2.50	2.00	1.80	1.80	1.80	1.80	2.00	2.00	2.50	2.10	
IoT Embedded Systems Design Lab (2230422)	2.14	3.00	2.00	2.50	2.00	1.80	1.80	1.80	1.80	2.00	2.00	2.50	2.10	
Software Engineering Lab (2230423)	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
Network & Web Security (2230425)	2.14	3.00	2.00	2.50	2.00	1.80	1.80	1.80	1.80	2.00	2.00	2.50	2.10	
Compiler Design (230601)	2.36	2.31	2.57	2.33	2.60	1.50	1.50	2.50	2.36	1.50	1.50	2.50	2.70	2.25
Compiler Design Lab (230601)	2.36	2.31	2.57	2.33	2.60	1.50	1.50	2.50	2.36	1.50	1.50	2.50	2.70	2.25
Minor Project-II (230604)	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

PO Attainment Level (Direct)	2.59	2.81	2.60	2.68	2.59	2.40	2.39	2.58	2.51	2.51	2.31	2.78	2.65	2.77
Target PO Attainment	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20
Attainment Gap	-0.39	-0.61	-0.40	-0.48	-0.39	-0.20	-0.19	-0.38	-0.31	-0.31	-0.11	-0.58	-0.45	-0.57