

Madhav Institute of Technology & Science, Gwalior (M.P.), INDIA

Deemed University

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

NAAC ACCREDITED WITH A++ GRADE

Department of Mathematics & Computing

Course Committees, Program- B Tech. Session 2025-26



S. No.	Course No	Name of Subject	Committee Member
Track 1	Course 1	Advanced Calculus	1. HOD
	Course 2	Differential Equations	2. OBE Coordinators
	Course 3	Fourier Series, Matrices & Differential Equations	3. Faculty: Dr. Nidhi Humnekar
	Course 4	Engineering Mathematics-I	4. Faculty members:Dr. Kuldeep Tiwari
	Course 5	Engineering Mathematics-II	
	Course 6	Matrices & Calculus	
Track 2	Course 7	Numerical Techniques	1. HOD
	Course 8	Optimization Techniques	2. OBE Coordinators
	Course 9	Computational Techniques	3. Faculty: Dr. J K Muthele
	Course 10	Complex and Integral Transforms	4. Faculty members:Dr. Vijay Shankar Sharma
Track 3	Course 11	Probability and Random Process	1. HOD
	Course 12	Stochastic Process & Financing	2. OBE Coordinators
	Course 13	Applied Statistical Methods	3. Faculty: Dr.Divya Chaturvedi
	Course 14	Statistical Techniques	4. Faculty members:Dr. Kuldeep Tiwari
	Course 15	Simulation Modeling and Analysis	
Track4	Course 16	Discrete Structure	1. HOD
	Course 17	Discrete Mathematics	2. OBE Coordinators
	Course 18	Discrete Mathematical Structures	3. Faculty: Dr. Divya Chaturvedi
		Real and Complex Analysis	4. Faculty members:Dr. Barkha Tiwari
Track 5	Course 19	Linear Algebra and Calculus	1. HOD
	Course 20	Linear Algebra	2. OBE Coordinators
	Course 21		3. Faculty: Dr.Atul Kumar Ray
	Course 22	Transforms & Vector Calculus	4. Faculty members:Dr. Barkha Tiwari
Track 6	Course 23	Introduction to Computing	1. HOD
	Course 24	Computer Programming	2. OBE Coordinators
	Course 25	Digital Logic Design	3. Faculty: Dr. V P Shinde
	Course 26	Data Structures and Algorithms	
	Course 27	Software Engineering	4. Faculty members:Dr. Atul K Ray
Track 7	Course 28	Computer Networks	1. HOD
	Course 29	Operating System Concepts	2. OBE Coordinators
	Course 30	Data Structure and Algorithm	3. Faculty: Dr. V P Shinde
	Course 31	Cyber Security	4. Faculty members:Dr. Atul K Ray
	Course 32	Data Science using Python	
Track 8	Course 33	Universal Human Values & Professional Ethics	1. HOD
	Course 34	Disaster Management	2. OBE Coordinators
	Course 35	Indian Constitution and Traditional	3. Faculty: Dr. Barkha Tiwari
			4. Faculty members: Dr. Minakshi
Track 9	Course 35	Research Methodology & Ethics	1. HOD
	Course 36	Soft computing	2. OBE Coordinators
			3. Faculty: Dr. Vikas Shinde

(Dr.D.K. Jain)

Professor and Head