

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

(A Govt. Aided UGC Autonomous & NAAC Accredited Institute Affiliated to RGPV, Bhopal)

Department of CSE

Course Committees, B Tech (July 2024 Onwards)

S. No.		Subject Name	Committee Member
Track 1	Course 1	Computer Programming	1. HOD 2. OBE Coordinators 3. Course Faculty: Dr Ranjeet K Singh 4. Faculty members: Dr Rahul Dubey
	Course 2	Object oriented Programming & Methodology	
	Course 3	Emerging Technologies in Computer Science	
	Course 4	Java Programming	
	Course 5	Python Programming	
Track 2	Course 1	Mathematics-I	1. HOD 2. OBE Coordinators 3. Course Faculty: Dr. Smita Parte 4. Faculty members: Dr Praphula Kumar Jain
	Course 2	Mathematics-II	
	Course 3	Discrete Structures	
Track 3	Course 1	Digital Circuit Design	1. HOD 2. OBE Coordinators 3. Course Faculty: Dr. R. K. Gupta 4. Faculty members: Dr. Devesh K Lal
	Course 2	Computer System and Organization	
	Course 3	Hardware and Troubleshooting Lab	
	Course 4	Parallel Processing	
Track 4	Course 1	Data Structures	1. HOD 2. OBE Coordinators 3. Course Faculty: Dr Ranjeet K Singh 4. Faculty members: Dr. Devesh K Lal
	Course 2	Design & Analysis of Algorithms	
	Course 3	Theory of Computation	
	Course 4	Creative problem-Solving Lab	
	Course 5	Design Patterns	
Track 5	Course 1	Theory of Computation	1. HOD 2. OBE Coordinators 3. Course Faculty: Mahesh Parmar 4. Faculty members: Dr. Smita Parte
	Course 2	Compiler Design	
	Course 3	Distributed Systems	
	Course 4	Cloud Computing and Virtualization	
Track 6	Course 1	Operating Systems	1. HOD 2. OBE Coordinators 3. Course Faculty: Dr. Jaimala Jha
	Course 2	Software Engineering	

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	Course 3	Software Design & Development	4. Faculty members: Dr. Gagandeep Kaur
Track 7	Course 1	Database Management Systems	1. HOD 2. OBE Coordinators 3. Course Faculty: Jaimala Jha 4. Faculty members: Dr. Kuldeep N. Tripathi
	Course 2	Data Mining & Warehousing	
Track 8	Course 1	Cyber World and Security Concern	1. HOD 2. OBE Coordinators 3. Course Faculty: Amit Manjhar 4. Faculty members: Dr. Praphula Kumar Jain
	Course 2	Information Security	
	Course 3	Wireless Network	
	Course 4	Ad hoc Networks	
	Course 5	IoT & Embedded System Lab	
Track 9	Course 1	Computer Networks	1. HOD 2. OBE Coordinators 3. Course Faculty: Khushboo Agarwal 4. Faculty members: Dr. Gagandeep Kaur
	Course 2	Networking with TCP/IP	
	Course 3	Web Technologies	
Track 10	Course 1	Artificial Intelligence & Machine Learning	1. HOD 2. OBE Coordinators 3. Course Faculty: Dr. Rohit Agarwal 4. Faculty members: Dr. Rahul Dubey
	Course 2	Data Science	
	Course 3	R Programming	
	Course 4	Soft Computing	
Track 11	Course 1	Computer Graphics	1. HOD 2. OBE Coordinators 3. Course Faculty: Dr. Kuldeep N. Tripathi 4. Faculty members: Dr. Dheeraj Kumar Dixit
	Course 2	Computer Graphics and Animation	
	Course 4	Augmented & Virtual Reality Lab	
Track 12	Course 1	Information Retrieval and Extraction	1. HOD 2. OBE Coordinators 3. Course Faculty: Dr. Jaimala Jha 4. Faculty members: Dr. Rahul Dubey
	Course 2	Image Processing	
	Course 3	Pattern Recognition	
	Course 4	Human Computer Interaction	
Track 13	Course 1	Cryptography	1. HOD 2. OBE Coordinators 3. Course Faculty: Amit Manjhar 4. Faculty members: Khushboo Agarwal
	Course 2	Network Security	
	Course 3	IoT and its Security	

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	Course 4	Digital Forensics	
Track 14	Course 1	Microprocessor & Interfacing	1. HOD 2. OBE Coordinators 3. Course Faculty: Dr. R. K. Gupta 4. Faculty members: Dr. Devesh K Lal
	Course 2	Advance Computer Architecture	
	Course 3	VLSI Design	
	Course 4	Embedded system	
	Course 5	IOT System Design	
Track 15	Course 1	Natural Language Processing	1. HOD 2. OBE Coordinators 3. Course Faculty: Dr. Rohit Agarwal 4. Faculty members: Dr. Rahul Dubey
	Course 2	Deep Learning	
	Course 3	Machine Vision	
	Course 4	Mobile Robotics	

Along with the mentioned Subject, any other subject not mentioned specifically/added later may be kept according to the nature of subject.



(Dr. Manish Dixit)
Professor and HOD

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Course Committee – Program M Tech (July 2024 Onwards)

S.No.		Subject Name	Committee Member
Track 1	Course 1	High Speed Networks	1. HOD 2. OBE Coordinators 3. Course Faculty: Dr. Gangandeep Kaur 4. Faculty members: Khushboo Agrawal
	Course 2	Network Security	
	Course 3	Ad-hoc & Sensor Based Networks	
	Course 4	Social Networking	
Track 2	Course 5	Block chain Technology	1. HOD 2. OBE Coordinators 3. Course Faculty: Dr. Kuldeep N. Tripathi 4. Faculty members: Dr. Nishant Jain
	Course 6	Internet of Things	
	Course 7	Digital Watermarking & Steganalysis	
Track 3	Course 1	Advanced Topics in Data Mining & Warehousing	1. HOD 2. OBE Coordinators 3. Course Faculty: Dr. R. K. Gupta 4. Faculty members: Dr. Kuldeep N. Tripathi
	Course 2	Database Systems	
	Course 3	Big Data and Cloud Computing	
Track 4	Course 1	Distributed Computing	1. HOD 2. OBE Coordinators 3. Course Faculty: Dr. Smita Parte 4. Faculty members: Dr Rahul Dubey
	Course 2	Mobile Computing & M-Commerce	
	Course 3	Computer Architecture & Parallel Processing	
	Course 4	Image Processing & Computer Vision	
	Course 5	Soft Computing	
Track 5	Course 1	Algorithms Design Techniques & Analysis	1. HOD 2. OBE Coordinators 3. Course Faculty: Dr. Rohit Agarwal
	Course 2	Natural Language Processing	

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	Course 4	Pattern Recognition & Machine learning	4. Faculty members: Dr. Dheeraj K. Dixit
	Course 5	Data Analytics	
	Course 6	Deep Learning	

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