

No correction

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR
(A Govt. Aided UGC Autonomous & NAAC Accredited Institute Affiliated to RGPV, Bhopal)

Department of Information Technology
Scheme of Evaluation

B. Tech. in Information Technology (Artificial Intelligence and Robotics)

V Semester

(for batch admitted in academic session 2020-21)

S. No.	Subject Code	Category Code	Subject Name	Maximum Marks Allotted							Total Marks	Contact Hours per week			Total Credits	Mode of Teaching (Offline/ Online)	Mode of Exam.
				Theory Slot				Practical Slot				L	T	P			
				End Term Evaluation		Continuous Evaluation		End Sem. Exam.	Continuous Evaluation								
				End Sem. Exam.	Proficiency in subject /course	Mid Sem. Exam.	Quiz/Assignment		Lab work & Sessional	Skill Based Mini Project							
1.	240501	BSC	Discrete Structures	50	10	20	20	-	-	-	100	2	1	-	3	Offline	PP
2.	240502	DC	Data Science using Python	50	10	20	20	60	20	20	200	3	-	2	4	Blended (2/1)	MCQ
3.	240503	DC	Theory of Computation	50	10	20	20	60	20	20	200	2	1	2	4	Blended (2/1)	PP
4.	240504	DC	Robotics System and Control	50	10	20	20	60	20	20	200	3	-	2	4	Blended (2/1)	PP
5.	240505	DC	Soft Computing Techniques	50	10	20	20	-	-	-	100	3	-	2	3	Blended (2/1)	PP
6.	240506	DLC	Minor Project-I**	-	-	-	-	60	40	-	100	-	-	4	2	Offline	SO
7.	240507	Seminar/ Self-Study	Self-learning Presentation (SWAYAM/NPTEL/ MOOC#)	-	-	-	-	-	40	-	40	-	-	2	1	Online and Mentoring	SO
8.	200508	CLC	Novel Engaging Course (Informal Learning)	-	-	-	-	50	-	-	50	-	-	2	1	Interactive	SO
9.	240508	DLC	Summer Internship Project-II (Evaluation)	-	-	-	-	60	-	-	60	-	-	3	2	Offline	SO
Total				250	50	100	100	350	140	60	1050	13	02	18	24	-	-
10.	1000005	MAC	Project Management & Financing	50	10	20	20	-	-	-	100	-	-	-	GRADE	Online	MCQ
11.	1000006	MAC	Disaster Management	50	10	20	20	-	-	-	100	2	-	-	GRADE	Online	MCQ

Additional Course for Honours or minor Specialization Permitted to opt for maximum two additional courses for the award of Honours or Minor specialization

* proficiency in course/subject-includes the weightage towards ability/skill/competence/knowledge level/ expertise attained etc. in that particular course/subject.

MCQ: Multiple Choice Question AO: Assignment - Oral PP: Pen Paper SO: Submission - Oral

** The minor project-I may be evaluated by an internal committee for awarding sessional marks.

Compulsory registration for one online course using SWAYAM/NPTEL/ MOOC, evaluation through attendance, assignments and presentation

Mode of Teaching						Mode of Examination					Total Credits	
Theory		Lab	NEC			Theory			Lab	NEC		
Offline	Online	Offline	Blended		Interactive	PP	A+O	MCQ	SO	SO		
			Offline	Online								
03	-	08	04	04	08	01	12	-	03	08	01	24
12.50%	-	33.33%	16.67%	33.33%	4.17%	50.00%	-	12.50%	33.33%	04.17%		Credits %

M.D.
04/07/2022
DEAN (ACADEMICS)
M.I.T.S
GWALIOR

M.D.

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List of courses to be opted for Honours or Minor specialization in V Semester

Honours* <i>(to be opted by students of Parent Department)</i>	
Course Code	Course Name
AI0522H1	Machine Learning for Earth System Sciences (8 Weeks)
AI0522H2	Design & Implementation of Human-Computer Interfaces (12 Weeks)
AI0522H3	The Joy of Computing using Python (12 Weeks)

Minor specialization * <i>(to be opted by students of Other Department)</i>	
Course Code	Course Name
AI0522M1	Introduction to Machine Learning (12 Weeks)
AI0522M2	Introduction to Operating Systems (8 Weeks)
AI0522M3	Programming, Data Structures and Algorithms in Python (8 Weeks)

* Course run through SWAYAM/NPTEL/ MOOC Learning Based Platform