

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

Annexure-1

Scheme of Examination
B.Tech. VII Semester (Computer Science and Engineering) for batch admitted in Academic Session 2020-2021

S. No.	Subject Code	Category	Subject Name & Title	Maximum Marks Allotted									Total Marks	Contact Hours per week			Total Credits	Mode of Teaching	Mode of Exam.
				Theory Slot				Practical Slot			MOOCs			L	T	P			
				End Sem.	Proficiency in subject /course	Mid Sem.Exam	Quiz/ Assignment	EndSem.	LabWork & Sessional	Skill Based mini Project	Assignment	Exam							
1.	DE	DE	Departmental Elective (DE-2)	50	10	20	20	-	-	-	-	-	100	3	-	-	3	Blended	PP
2.	DE	DE	Departmental Elective*(DE-3)	-	-	-	-	-	-	-	25	75	100	3	-	-	3	online	MCQ
3.	DE	DE	Departmental Elective*(DE-4)	-	-	-	-	-	-	-	25	75	100	3	-	-	3	online	MCQ
4.	OC	OC	Open Category(OC-2)	50	10	20	20	-	-	-	-	-	100	3	-	-	3	Blended	PP
6.	150701	DLC	Departmental Lab (DLC-5)	-	-	-	-	60	20	20	-	-	100	-	-	4	2	offline	SO
7.	150702	DLC	Summer Internship Project-III (04weeks) (Evaluation)(DLC-6)	-	-	-	-	60	-	-	-	-	60	-	-	4	2	offline	SO
8.	150703	DLC	Creative Problem Solving(Evaluation)(DLC-8)	-	-	-	-	25	25	-	-	-	50	-	-	2	1	offline	SO
Total				100	20	40	40	145	45	20	50	150	610	12	-	10	17		
9.	1000008	MAC	Universal Human Values & Professional Ethics(UHVPE)	50	10	20	20	-	-	-	-	-	100	2	-	-	GRADE	Online	MCQ
Additional Courses for obtaining Honours or minor Specialization by desirous students				Permitted to opt for maximum two additional courses for the award of Honours or Minor specialization															

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Mode of Teaching						Mode of Examination					Total Credits
Theory			Lab	NEC	Theory			Lab	SIP/SLP/NEC		
Offline	Online	Blended	Offline	Interactive	PP	AO	MCQ	SO	SO		
		Offline	Online								
	6	4	2	5	-	6	-	6	3	2	
	35	24	12	29	-	35	-	35	18	12	
											Credits %

DE-2(Through Traditional Mode)		
S. No.	Subject Code	Subject Name
1.	150714	Ad hoc Wireless Networks
2.	150715	Data Mining & Warehousing
3.	150716	Distributed Systems

DE-3*		
S. No.		Subject Name
1.	150765	Reinforcement Learning
2.	150766	Big Data Computing
3.	150767	Design & Implementation of Human-Computer Interfaces

DE-4*		
S. No.		Subject Name
1.	150768	Deep Learning - IIT Ropar
2.	150769	Software Testing (IITB)
3.	150770	Introduction To Game Theory And Mechanism Design

OC-2		
S. No.	Subject Code	Subject Name
1.	910201	Network Security
2.	910202	Computer Networks

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

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

Honours* <i>(to be opted by students of Parent Department)</i>	Minor Specialization* <i>(to be opted by students of Other Department)</i>
<i>Computer Vision</i>	<i>Computer Graphics</i>
<i>Natural Language Processing</i>	<i>Cloud Computing</i>
<i>Google Cloud Computing Foundations</i>	<i>Distributed Systems</i>
<i>The joy of computing using Python</i>	<i>Introduction to Operating System</i>
<i>Programming in Java</i>	<i>Design and Analysis of Algorithms</i>
<i>Programming in Modern C++</i>	
<i>Social Networks</i>	
<i>Privacy and security in Online Social Media</i>	

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