



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

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

NAAC Accredited with A++ Grade

Centre for Artificial Intelligence

Scheme of Evaluation

B. Tech. VIII Semester (Information Technology (Artificial Intelligence and Robotics))

(for batch admitted in academic session 2020 – 21)

MIO
03/11/2021
DEAN (ACADEMICS)
M.I.T.S
Gwalior

S. No.	Subject Code	Category Code	Subject Name	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 Term Evaluation		Continuous Evaluation		End Sem. Exam.	Continuous Evaluation		Assignment	Exam								
				End Sem. Exam.	Proficiency in subject /course	Mid Sem. Exam.	Quiz/ Assignment		Lab work & Sessional	Skill Based Mini Project										
1.	DE	DE	Departmental Elective* (DE-5)	-	-	-	-	-	-	-	25	75	100	3	-	-	3	Online	MCQ	
2.	OC	OC	Open Category* (OC-3)	-	-	-	-	-	-	-	25	75	100	3	-	-	3	Online	MCQ	
3.	240801	DLC	Internship/ Research Project/ Innovation & Start-up***	-	-	-	-	250	150	-	-	-	400	-	-	18	9	Offline	SO	
4.	240802	-	Professional Development#	-	-	-	-	50	-	-	-	-	50	-	-	4	2	Interactive	SO	
Total				-	-	-	-	300	150	-	50	150	650	6	-	22	17	-	-	
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/ competency /knowledge level /expertise attained etc. in that particular course/subject

MCQ: Multiple Choice Question

AO: Assignment + Oral

PP: Pen Paper

SO: Submission + Oral

Mode of Teaching					Mode of Examination				Total Credits
Theory		Blended	Lab	PDC	Theory		Lab		
Offline	Online		Offline	Interactive	PP	AO	MCQ	SO	
-	6	-	9	2	-	-	6	11	17
-	35.29	-	52.94	11.76	-	-	35.29	64.71	Credits %

Sumit *A* *M* *MC* *B* *D* *GA*



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Handwritten: MB
23/01/2024
DEAN (ACADEMICS)
M.I.T.S.
GWALIOR

DE -5*		
S. No.	Subject Code	Subject Name
2	240861	Reinforcement Learning
3	240862	Blockchain and its Applications
4	240863	Natural Language Processing
5	240864	Embedded System Design with ARM

OC-3*		
S. No.	Subject Code	Subject Name
1		Data Analytics with Python
2		Deep Learning - IIT Ropar
3		Natural Language Processing

List of courses to be opted for Honours in VIII Semester

Honours*	
<i>(to be opted by students of Parent Department)</i>	
Course Code	Course Name
HAI08241	Foundations of Cyber Physical Systems
HAI08242	Computer Vision and Image Processing-Fundamentals and Applications
HAI08243	Edge Computing
HAI06234	The Joy of Computing using Python
HAI06231	Artificial Intelligence: Knowledge Representation And Reasoning
HAI06232	GPU Architectures And Programming
HAI06233	Advanced Computer Architecture

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

Note: In each semester (starting from V to VIII semester), it is required to opt for new subjects towards Honours Degree/ Minor Specialization.

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