

# MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR (M.P.)

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

NAAC Accredited with A+ + Grade

## Department of Computer Science & Engineering

Mode of

Credits | Teaching

Total

Contact

Total

Scheme of Evaluation

B. Tech. VI Semester (Computer Science & Design) (for batch admitted in academic session 2021-22

Subject	Category	Subject Name				Maximum				моос	Cs	Marks	150000	urs [ week		Credits	lits Teaching	of Exam.
Code	Cour			Theory Slot				Practical S		Assignment			L	T	P			
			End Term Evaluation			Continuous Evaluation		nd Continuous em. Evaluation		Assignment								
			End Sem. Exam.	<sup>s</sup> Proficiency in subject	Mid Sem.	Quiz/ Assignment	Exam.	Lab work & Sessional	Skill Based Mini									
				/course	Exam.			20	Project 20	-	-	200	3	-	2	4	Offline	PP
290601	DC	IOT System Design	50	10	20	20	60				-	200	3	-	2	4	Offline	PP
290602	DC	Soft Computing	50	10	20	20	60	20	20	25	75	100	3	-	-	3	Online	MCQ
	DE	Departmental	-	-	-	-	-	-			-	100	3	-	-	3	Offline	PP
	OC	Elective* (DE-1) Open Category (OC-	50	10	20	20	-				-	200	3	-	2	4	Offline	PP
	DC	1)** Artificial Intelligence	50	10	20	20	60	20	20	-							responses to the second second	SO
. 290603	I)C	& Machine Learning					100	40	-	-	-	100	-	-	4	2	Offline	SO
2900604	DLC	Minor Project-II	-	-	-	•	50	40	-	-	-	50	-	15	2	1	Blended	30
. 200XXX		Novel Engaging	\ <u>`-</u>	- ,	-	-	30											
		Course (Informal Learning)						100	60	25	75	950	15	-	12	21	-	-
	To		200	40	80	80	290	100		-	-	100	2	-	-	GRADE	Online	MCQ
3. 100000		1	50	10	20	20 Training)		-		on: Evalua	tion in \	VII Seme	ster					

Permitted to opt for maximum two additional courses for the award of Honours or Minor specialization

Additional Course for Honours or minor

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

<sup>\*</sup>Course run through SWAYAM/NPTEL/ MOOC Learning Based Platform with credit transfer,\*\* Course run in traditional mode, \*This course run through SWAYAM/NPTEL/ MOOC Learning Based Platform with credit transfer,\*\* 55MCO: Multiple Choice Question

							-				
		Mode	of Teaching		NEC		Theory		Lab	NEC	Total Credits
	T	heory		Lab	NEC			MCQ	so	so	
Offline	Online		ded	Offline	Interactive	PP	A+0	Mey	2	1	21
		Offline	Online	5	1	15	-	14.28	9.52	4.76	Credit %
57.14	14.28		-	23.8	4.76	71.42	•	14.20	7.0.2		



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Scheme of Evaluation

B. Tech. VI Semester (Computer Science & Design)

(for batch admitted in academic session 2021-22)

	<ul> <li>*DE-1 (SWAYAM/NPTEL/ MOOC platform)</li> </ul>		**Open Category (OC-1)(For students of other branches)
290651	Microprocessor and Interfacing(noc24-EE40)-12 Week	910100	Data Structures
290652	Embedded Sensing, Actuation and Interfacing Systems(noc24-ee68)-12 week	910101	Python Programming
290653	Integrated Circuits and Applications -12 week(noc24-ee73-12 week)		

	*Minor (SWAYAM/NPTEL/ MOOC platform) (For students of other branches)		*Honours (SWAYAM/NPTEL/ MOOC platform)
1	Programming in Modern C++(noc24-cs44)- 12week	1.	<ul> <li>Track1-Information Security</li> <li>1. Information Security - 5 - Secure Systems Engineering(noc24-cs31)- 12 week</li> <li>2. Foundations of Cryptography(noc24-cs01)-12week</li> </ul>
2	Introduction To Internet Of Things(noc24-cs35)-12 week	2.	1. Introduction To Industry 4.0 And Industrial Internet Of Things (noc24-cs34)-12 week 2. Sensors and Actuators(noc24-ee45)-12 week
3	Introduction to Automata, Languages and Computation(noc24-cs32)-12week	3.	Track 3- High Performance Computing  1. Parallel Computer Architecture(noc24-cs63)-12 week  2. Basics of Computational Complexity (noc24-cs05)-12 week

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20/12/20

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Department of Computer Science and Engineering

Scheme of Examination

B. Tech. IV Semester (Computer Science and Design)

	Subject	Category Code	161:				(Compate	1 belefied	and Desig	/	For batch					022-23 Onwar	
No.	Code	Category Code	Subject Name			Ма	ximum Marks A	llotted			Total Mark s	Conta week	ct Hou	rs per	Total Credits		Mode of Exam
					The	eory Slot			Practical Slot						81	Mode of	
					d Term Iluation	Continuou	s Evaluation	End Sem.	Contin Evalua			L	Т	P		Teaching (Offline/ Online)	
				End Term Evaluat ion	Proficienc y in subject /course	Mid Sem. Exam.	Quiz/ Assignment		Lab Work & Sessional	Skill based mini project						oc,	
1.	2290401	DC	Web Technologies	50	10	20	20	60	20	20	200	3	*	2	4	Blended	PP
2.	2290402	DC	Microprocessor Design	50	10	20	20	60	20	20	200	2	1	2	4	Blended	PP
3.	2290403	DC	Optimization Techniques	50	10	20	20	-	1		100	3	-	uş.	3	Blended	PP
4.	2290404	DC	Theory of Computation	50	10	20	20	-	-		100	2	1	•	3	Blended	PP
5.	2290405	DC	Computer Networks	50	10	20	20	-	-		100	3	-	<b>2</b> 7.	3	Blended	PP
6.	2290406	DLC	Programming Lab		*	:=	(F)	60	20	20	100		-	4	2	Offline	so
7.	2000XXX	CLC	Novel engaging courses					50	-		50	-	-	2	1	Interactive	SC
		Total		250	50	100	100	230	60	60	850	13	2	10	20		
8.	1000001	MAC Inc	tian Constitution and aditional Knowledge	50	10	20	20		-	•	100	2	-	-	Grade	Online	MCQ
9.	3000003	Natural	ronmental Engineering	50	. 10 ~	20	20	30	10	10	150	1	-	2	Grade	Online	MCQ

CLC: College level course SO Submission & Oral PP: Pen Paper SProficiency in course/subject - includes the weightage towards ability/ skill/ competence /knowledge level /expertise attained /attendance, one minute paper writing etc. in that particular course/subject, SS Course will run for Group OB: Open Book A/B in III/IV semester respectively.

545-452		Mode	of Teaching	10027F10.6	MACHINE AND A	S		Mode of Exam	ination			
Theory				Lab			Theory		Lab	SIP/SLP/NEC	Total Credits	
Offline	Online		nded	Offline	Interactive	PP	A+O	MCQ	so	so		
Offine	Onine	Offline	Online	Olline			n market weeks	- Marie Colorado	2	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	20	
established	Print in the	10	5.5	4		17	76.00 (CO)		10	5	Credits %	
		50	25	20	一部がいう   一部に関係	85		11 日,他就是是第二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二	1000	- Landerson -		



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#### Department of Computer Science and Engineering Scheme of Evaluation

B. Tech. II Semester (Computer Science and Design)

						Maximun	n Marks Allo	tted				37700	ontac urs p	- 1				
	S. Subject Ca			Theory Slot					Practical Slot			week					School Control	Duratio
S. No.		Categor y Code		End Term Evaluation		Continuous			Continuous Evaluation		Total Marks				Total Credits	Mode of Teaching	Mode of Exam.	n of Exam.
No.			End Sem. Exam	SProficiency in subject /course	Mid Sem. Exam.	Quiz/Assig	End Sem. Exam	Lab Work & Sessional	Skill Based Mini Project		L	Т	P					
1.	3290221	DC	Data Structures	50	10	20	20	40	` 30	30	200	3	-	2	4	Blended	PP	2 Hrs
2.	3290222	DC	Object Oriented Programming & Methodology	50	10	20	20	40	30	30	200	3	-	2	4	Blended	AO	2 Hrs
3.	3290223	DC	Computer System Organization	50	10	20	20	-	-	-	100	2	1	-	3	Blended	PP	2 Hrs
4.	3290224	DC	Computer Graphics and Animation	50	10	20	20	40	30	30	200	2	1	2	4	Blended	PP	2 Hrs
5.	3250106	BSC	Probability and Random Process	50	10	20	20	-	-	-	100	3	-	-	3	Offline	PP	2 Hrs
6.	3290225	DLC	Hardware and	-	-	-	-	40	30	30	100	-	-	2	1	Offline	SO	
		Total	Lab	250	50	100	100	160	120	120	900	13	02	08	19	-	-	-
7.	1	Natura Science & Skill	es Physics	50	10		20	30	10	10	150	1	-	2	GRADE	Blended	MCQ	1.5 Hrs

Induction programme of three weeks (MC): Physical activity, Creative Arts, Universal Human Values, Literary, Proficiency Modules, Lectures by Eminent People, Visits to local Areas, Familiarization to Dept./Branch & Innovations.

SProficiency in course/subject – includes the weightage towards ability/skill/ competency /knowledge level /expertise attained etc. in that particular course/subject

Natural Sciences & Skills: Engineering Physics / Engineering Chemistry / Environmental Science / Language MCQ: Multiple Choice question AO: Assignment + Oral PP: Pen Paper SO

Submission + Oral

The state of the s	(本) (中央 地名美国	Mode of Teaching	Ser Lor Guerra			Mode of E	xamination		
** *** ** ** *** *** *** *** *** *** *	SALE DE BYSNETAS DA	Theory	COLUMN TO ASSESSMENT	Lab	Lab Theory			Lab	<b>Total Credits</b>
	Online	Blend	led	Offline	PP	AO	MCQ	SO	9
Offline	Onnue	Offline	Online	Office	**************************************	1000		1	19
3	-	8	4	4	14	4	-	-	Credit%
14		42	21	21	74	21		5	Credit /6

