### Batch admitted 2022-2026 onwards

p				B.Tech.	I Sem	ester (I					mmun	licatio								
				•				im Mark	s Allotted				1. C. C. C. C. C. C.		lours				Duration	
			Catal			Theory	Slot			Practical S	lot ·	1	р	er we	ek	A SHE	Mode	and the second	Mode	of Exam
1	S.	Subject	Catego ry	Subject Name	End	Sem. SProfici	Mid	Quiz/		Lab	Skill	Total				Total	Treat		of	5 ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) (
	No.	Code	Code	oubject traine	End Term	ency in	Sem.	Assignm	End	Work &	Based	Marks	L	Т	P	Credit	S		Exam.	
					Evalua	subject	Exam.	ent	Sem.	Sessional	Mini					ale Steak	高速"。 "	a state		1
					tion	/course					Project	-				an Gall	in a state	12		
		2100022	BSC	Basic Electrical &											2	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	Blend	led	MCQ	1.5 Hrs
	1.			Electronics	50	10	20	20	60	20	20	200	2	1	2	27.405 27.21		-	MCQ	
-		2200121	DC	Engineering Electronic Engineering	•											E.C. Star	Blend	led	PP	2 Hrs
	2.	2200121	DC	Material	50	10	20	20	-	-		100	3	-	-		Blend	leda	1	2 Hrs
	3.	2200122	DC	Electronic Devices	50	10	20	20	-		-	100	2	1	-	3		1995	PP	
	4.	2200123	DC	Network Theory	50	10	20	20		-	-	100	2	1	-	0	Blenc	21.2	PP	2 Hrs
	5.	216012	2 ESC	Computer Programming	50	10	20	20	60	20	20	200	2	1	2	4. 4.	Blend	ed	AO	2 Hrs
	6.	220012	4 DLC		-	-	-	-	60	20	20	100	-	-	4		Offli	ne	AO	2 Hrs
	-			Total	250	50	100	100	180	60	60	800	11	4	8	19				
	-	300000													A STOLEN	1000		мсо	1.5 Hrs	
	6		Scienc	es and Chemistry	50	10	20	20	-	-	10	-	1	-	2	GRAD	No.			
	-	Induction	! Sk	ills ne of three weeks (MC):Ph	vsical acti	vity, Creati	ve Arts,U	niversal H	uman V	alues,Literar	y,Proficien	cyModules	Lectu	res by	Emin	ent People,	Visits to lo	cal Ai	eas,	
		mauction	programm			F	amiliariza	ation to De	ept./Bran	ich & Innova	ations.	Ladao lay	ol /exi	perti	e att	ained etc	, in that p	artic	ular	I
	L	<sup>\$</sup> Prof	iciency in	n course/subject – inc	udes the	weightag	ge towar	ds abilit	y/ skill	/ competen	icy /know	tedge tev	errex	Jer a.	ic att					
		cours	se/subjec	t									•							
		Natur	al Sciences	al search search with with be	addine in	me ve sem					. Cubrain	tion + Or	al							
10	2	MCQ	Multiple	al state with with with be	Assignmen	t + Oral	OB: Op	n Book	PP: Pen	Paper SC			and the second					- 1		
Uga	2/	9.912	3	THE REAL PROPERTY AND	Mode of T	eaching	CALCE.	2. 680				of Examina	tion		T	ab	Fotal Credit	s .		$\backslash c$
710.	0).0	51			heory	A A CONT	to at a surface	T. Lab			Theory								X	3
DEAN (	ACA	DEMIC	S)	Offlinc Online		Blended		Öffline	*	PP	A+O	P	ACQ		2411 22	0 -			the.	22
	11011		~)	- Later - Andrew - Andrew - Andrew	Offlir	ie Q	nline	1.884		.9	6		4			0 %	10		Par -	
M.I.T.S				0 -0	52.63	% 20	5.31%	42:10%		47.36%	31.57%	2	1.05%				0		1.	5%
GWAL	OR		ML	) / · · · · · · · · · · · · · · · · · ·	Su		<u> </u>			Ani	1 1					Asu	sh.		wei h	No.
		Dur	ourtment	of Electronics Engine		×	(0)	11	To-	-70/	2ª	M	í (e	Juli-	/	Km-				-
		Mľ	TS Gwal	ior	1.	oht	(1)	//	X	0,0	~									]
																20	22/6	/1	6 1	4:59
				The second se												201	2070	7		

### B Tech I Somester (Floetronics and Tolocommunication Engineering)

40

### Batch admitted 2022-2026 onwards

	T					Maxin	num Marks	Allotted	-				act H					
					Theory	Slot		Practical Slot				per wee		k				in the
5. No.	Subject Code	Category Code	Subject Name	End End Term Evalu ation	Sem. SProfici ency in subject /course	Mid Sem. Exam.	Quiz/ Assignme nt	End Sem.	Lab Work & Sessional	Skill Based Mini Project	Total Marks	L	т	Р	Total Credits	Mode of Teaching	Exam	Duration of Exam
1.	2100011	BSC	Engineering Mathematics –I	50	10	20	20		-		100	3	1	-	4	Offline	PP	2 Hrs
2.	2200221	DC	Digital Circuits	50	10	20	20	60	20	20	200	2	1	2	4	Blended	PP	2 Hrs
3.	2200222	DC	Electronics	50	10	20	20	60	20	20	200	2,	1	2	4	Blended	PP	2 Hrs
4.	2200223	DC,	Signals and Systems	50	10	20	20	-	100 - N	-	100	2	1	-	3	Blended	PP	1.5 Hrs
5.	2200224	DC	Python Programming	50	10	20	20	60	20	20	200	2	1	2	4	Dicinaca	AO	N State
1		Total	I B B	250	50	100	100	180	60	60	800	11	5	6	19			1.5 Hrs
6	300000	Science	es Physics	50	10 ′	20	20	390	-	1.124	010	1		2	GRADE		MCQ	

B.Tech. II Semester (Electronics and Telecommunication Engineering)

Summer Internship Project - I (Institute Level) (Qualifier): Minim

\*Proficiency 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 / Enguage

Credits of Natural Sciences & Shalls on the added to the VI Semester

OB: Open Book PP: Pen Paper SO: Submission + Oral 10: Assignment + Oral MCQ: Multiple Choice Question



lotal		amination	Mode of Ex:		an relation and the	Mode of Teaching							
Credits	Lab	And the second second	Theory	Sector of Sector	Lab	Theory							
	SO	мсq	A+0	PP	Offline	ded	Blen	any an inderest					
19	0	0			Onnie	Online	Offline	Online	Offline				
	0%	09%	4	15	6	. 4	8	0	1				
0 1			21.05%	78.94%	31.57%	21.05%	42.10%	0%	21.05%				
2 0	ALLAWN		. 1		1-			070	21.05%				
000	1800	1	h1	/ we	whenier	6.	_	1.~	1/				
UZ3/	v <u>2</u>			10/		00		$\sim$	Va				
The supervised in the local division in the	Brohm 2	0	4 21.05%	15 78.94%	6 31.57%	.4	8 42.10%	0 0%	4 21.05% Va				

Department of Electronics Engineering MITS Gwalior -

3/6/16 14:

# MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

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

### **Department of Electronics Engineering**

# Scheme of Examination (For Batch admitted in Year 2022-23)

## B.Tech. (Electronics & Telecommunication Engineering) III Semester [For batches admitted in Academic Session 2022-23 onwards]

	ubject Code	Category	Subject Name		U		Marks Allottee		_			Contact Hours per week					
No.		Code			Theory Sl	ot			Practical Slo	ot						Mode of	
				End Sem.		Mid Quiz/		End	Lab Work	Skill	Total	L	Т	Р	Total	Teaching	Mode of
				End Term Evaluation	<sup>\$</sup> Proficiency in subject /course	Sem. Exam.	Assignment	Sem	& Sessional	Based Mini Project	Marks				Credits	(Offline/ Online)	Exam.
1.	21000025	BSC	Engg Mathematics-II	50	10	20	20	-	-	-	100	2	1	-	3	Offline	PP
2.	2200320	DC	Analog Communication	50	10	20	20	60	20	20	200	2	1	2	4	Offline	PP
3.	2200322	DC	Analog Integrated Circuits	50	10	20	20	60	20	20	200	2	1	2	4	Offline	PP
4.	2200323	DC	Communication Networks	50	10	20	20	-	-	-	100	2	1	-	3	Offline	PP
5.	2200324	DC	Data Communication	50	10	20	20	-	-	-	100	2	1	-	3	Offline	PP
6.	2200321	DLC	Hardware Lab	-	-	-	-	60	20	20	100	-	-	2	1	Offline	SO
7.	2200316	DLC	Self-learning/ Presentation <sup>#</sup>	-	-	-	-	-	40	-	40	-	-	2	1	Online +Mentoring	SO
8.		CLC	Novel Engaging Course	-	-	-		50	-	-	50	-	-	2	1	Interactive	SO
9.	2200317	DLC	Summer Internship Project–I (Institute LevelEvaluation)	-	-	-	-	60	-	-	60	-	-	4	2	Offline	SO
		Total		250	50	100	100	290	100	60	950	10	5	14	22		
10.	3000003	Natural Science & Skill	Environmental Engineering	50	10	20	20	-	-	-	100	2	-	-	Grade	Online	MCQ
11	1000001	MAC	Indian Constitution and Traditional Knowledge	50	10	20	20	-	-	-	100	2	-	-	Grade	Online	MCQ

<sup>3</sup>Proficiency in course/subject – includes the weightage towards ability/ skill/ competence /knowledge level /expertise attained /attendance etc. in that particular course/subject 'compulsory registration for one online course using SWAYAM/NPTEL/ MOOC, evaluation through attendance, assignments and presentation

		Mode	of Teachin	g							
	Theory				NEC		Theory		Lab SIP/ SLP/ NEC		Total Credits
Offline	Online	Bler	nded	Offline	Intonactivo	РР	4.0	МСО	SO	SO	Total Credits
Onnne	Omme	Offline	Offline Online		Interactive	rr	A+O	MCQ	50	50	
17	0	0	0	4	1	17	0	0	2	3	22
77.27%	0	0	0	18.1%	4.54%	77.27%	0%	0%	9.09%	13.63%	Credits %

Department of Electronics Engineering June 2023

## MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

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

NAAC Accredited with A++ Grade

**Scheme of Evaluation** 

## B. Tech IV Semester (Electronics Engineering) (for batch admitted in academic session 2022-23)

						Maximu	ım Marks All	otted				C	onta	ct				
					Theor	y Slot			<b>Practical Slot</b>			Hours p week		•				
S. No.	Subject	Category	Subject Name	End Term Evaluation			ntinuous		Continuous Evaluation		Total				Total Credits	Mode of Teaching	Mode of	<b>Duration</b>
INO.	Code	Code		End	<sup>\$</sup> Proficiency	Mid	aluation End Sem. Quiz/ Exam		Lab Work	Work Based	Marks	L	Т	Р	Creans		Exam	of Exam
				Sem. Exam	in subject /course	Sem. Exam.	Assignment		& Sessional	Mini Project								
1.	2100003	BSC	Engineering Mathematics- III	50	10	20	20	-	-	-	100	3	1	-	4	Blended	PP	2 Hrs
2.	2140411	DC	<b>Digital Communication</b>	50	10	20	20	60	20	20	200	2	1	2	4	Blended	PP	2 Hrs
3.	2140412	DC	Linear Control Theory	50	10	20	20	-	-	-	100	3	1	-	4	Blended	PP	2 Hrs
4.	2140413	DC	Microprocessor & Interfacing	50	10	20	20	60	20	20	200	2	1	2	4	Blended	PP	2 Hrs
5	2140414	DLC	Software Lab (Introduction to MATLAB)	-	-	-	-	60	20	20	100	-	-	2	1	Offline	SO	-
5.	2140415	DC	Cyber Security	50	10	20	20	-	-	-	100	2	-	-	2	Blended	MCQ	1.5 Hrs
6.	200xxx	CLC	Novel Engaging Course (Informal Learning)	-	-	-		50	-	-	50	-	-	2	1	Interactive	SO	-
		[	Fotal	250	50	100	100	230	60	60	850	12	4	8	20	-	-	-
7.	3000004	Natural Sciences & Skills	Language	50	10	20	20	-	-	-	100	1	-	_	Grade	Blended	MCQ	1.5 Hrs
8.	1000005	MAC	Project Management & Financing	50	10	20	20	-	-	-	100	2	-	-	Grade	Online	MCQ	1.5 Hrs
			Summer Internshin Project	t II (In	stitute Level)	Onalifi	n). Minimum	two v		ion. Froh	otion in	VC	0000	cton				

Summer Internship Project – II (Institute Level) (Qualifier): Minimum two-week duration: Evaluation in V Semester.

**\$Proficiency in course/subject – includes the weightage towards ability/ skill/ competency /knowledge level /expertise attained etc. in that particular course/subject.** Credits of Natural Sciences & Skills will be added in the VI Semester.

		Mode of Teachi	ng										
	Т	heory		Lab		Theory Lab							
Offline	Online	Bler	nded	Offline	РР	AO	мсо	so	Total Credits				
Onnie	Omme	Offline Online		Onme	11	AU	MCQ	30					
-	-	12	6	2	15	-	3	2	20				
-	-	60.00%	30.00%	10.00%	75.00%	-	15.00%	10.00%	100%				