MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR
(Deemed University)
(Declared Under Distinct Category by Ministry of Education, Government of India)
NAAC Accredited with A++ Grade

Scheme of Examination (For the Batch Admitted in the Year 2023-2024)
B.Tech. (Electronics and Telecommunication Engineering) V Semester *[For batches admitted in Academic Session 2023-24 onwards]*

S. No.	Subject Code	Category Code	Subject Name	Theory Slot — End Sem. — End Term Evaluation	Theory Slot — End Sem. — $Proficiency in subject /course	Theory Slot — Mid Sem. Exam.	Theory Slot — Quiz/ Assignment	Practical Slot — End Sem	Practical Slot — Lab Work & Sessional	Practical Slot — Skill Based Mini Project	Total Marks	L	T	P	Total Credits	Mode of Teaching (Offline/ Online)	Mode of Exam.
1.	3200511	DC	**Data Science**	50	10	20	20	40	30	30	200	3	-	2	4	Blended	MCQ
2.	3200512	DC	**Mobile Communication & 5G Network**	50	10	20	20	-	-	-	100	3	1	-	4	Blended	PP
3.	3200515	DC	**VLSI Design**	50	10	20	20	40	30	30	200	3	-	2	4	Blended	PP
4.	3200519	DC	**Electromagnetic Theory**	50	10	20	20	-	-	-	100	3	1	-	4	Blended	PP
5.	3200520	DC	**Digital Signal Processing**	50	10	20	20	-	-	-	100	3	1	-	4	Blended	PP
6.	3200516	DLC	**Minor Project-I**	-	-	-	-	60	40	-	100	-	-	4	2	Offline	SO
7.	3200517	DLC	**Self-learning/ Presentation#**	-	-	-	-	-	40	-	40	-	-	2	1	Online +Mentoring	SO
8.		CLC	**Novel Engaging Course**	-	-	-	-	50	0	-	50	-	-	2	1	Interactive	SO
9.	3200518	DLC	**Soft Skill Internship** (Institute Level Evaluation)	-	-	-	-	60	-	-	60	-	-	4	2	Offline	SO
			Total	250	50	100	100	250	140	60	950	15	3	16	26		
			Additional Courses for obtaining Honors/Minor Specialization by desirous students					Permitted to opt for <u>maximum two additional courses</u> for the award of Honors or Minor specialization									
			#compulsory registration for one online course using SWAYAM/NPTEL/ MOOC, evaluation through attendance, assignments and presentation														
10.	1000006	MAC	**Disaster Management**	50	10	20	20	-	-	-	100	2	-	-	Grade	Blended	MCQ

Honors	1. Principles and Techniques of Modern Radar Systems 2. Stochastic Control & Communication	1. Digital VLSI Testing 2. Analog VLSI Design	1. Nano-Technology, Science and Application 2. Microelectronics: Devices to Circuits
Minors	Control System	Fundamentals of Wireless Communication	

Recommended in the BOS Meeting of Department of Electronics and Telecommunications Engineering on 3rd June 2025