

TEACHING AND EXAMINATION SCHEME
M.TECH.(Digital Communication)

SEMESTER I

Course Code	Course Name	Hrs/Week			Credits
		L	T	P	C
MBM 204	Research Methods in Management	3	-	-	3
MDC101	Advance Digital Signal Processing	3	1	-	3.5
MDC102	Advance Digital Communication	3	1	-	3.5
	Elective I	3	-	-	3
	Elective II	3	-	-	3
MDC103	Advanced Digital Signal Processing Lab Using MAT LAB		-	4	2
MDC104	Seminar - I (Review of Literature for Research)	-	-	4	2
	Total	15	2	8	20

L*-Lecture, T*-Tutorial, P*-Practicals, CP*- Credit Points, CW*- Class Work, MTE*-Mid Term Exam, ETE*- End Term Exam

ELECTIVE I

- MVL 111 Digital System Design
- MVL 112 VLSI Signal Processing
- MDC 111 Antenna Theory and techniques
- MDC 112 Mixed Signal Processing

ELECTIVE II

- MVL 113 ASIC Design
- MDC 113 RF Circuit Desig
- MDC 114 Digital Image Processing
- MVL 114 MEMS & Microsystems
- MVL 115 Microwave Integrated Circuits

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SEMESTER II

Course Code	Course Name	Hrs/Week			Credits
		L	T	P	C
MDC 201	Advance Wireless Communication System	3	1	-	3.5
MDC 202	Advance Optical Communication System	3	1	-	3.5
MDC 203	Information Theory & Coding	3	-	-	3
	Elective III	3		-	3
MDC 204	Advanced Communication Lab	-	-	4	2
MDC 205	Seminar-II (Review of Literature for Research)	-	-	4	2
MGT 103	Project Formulation & Appraisal	3	-	-	3
	Total	15	2	8	20

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ELECTIVE III

- MDC 211 Satellite Communication
- MDC 212 Ultra Wideband Communication System
- MDC 213 Probability & Stochastic Processes
- MDC 214 Neural network & Fuzzy Logic

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SEMESTER III

Course Code	Course Name	Hrs/Week			Credits
		L	T	P	C
MDC301	Internship	-	-	-	4
MDC 302	Dissertation part-I	-	-	-	8
MDC 303	Seminar-III (Review of Literature)	-	-	4	2
	Total	-	-	-	21

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SEMESTER VI

Course Code	Course Name	Hrs/Week			Credits
		L	T	P	C
MDC 401	Dissertation part-II	-	-	-	16
	Total	-	-	-	16

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