



# SARVEPALLI RADHAKRISHNAN UNIVERSITY, BHOPAL

Scheme of examination as per AICTE model Curriculum w.e.f July 2020

## Grading System

Course Name –Master of Technology (Microwave & Milimeter Engineering)

Semester I / Year : I Scheme for 2020 Admitted Students onwards

S. No.	Subject Code	Category	Subject Name	Maximum Marks Allotted					Hours/ Week			Credit	Total Marks
				Theory			Practical		L	T	P		
				End Sem.	Mid Sem	Quiz, Assignment	End Sem	Term Work					
1	MTMW 11	CORE	ADVANCED DIGITAL SIGNAL PROCESSING	100	30	30	50	50	3	1	4	6	260
2	MTMW 12	CORE	ANTENNA AND RADIATING SYSTEMS	100	30	30	50	50	3	1	4	6	260
3	MTMW 13	CORE	RESEARCH METHODOLOGY AND IPR	100	30	30	-	-	3	1	-	4	160
4	MTMW 14	PE	ELECTIVE-I	100	30	30	-	-	4	1	-	4	160
5	MTMW 15	PE	ELECTIVE-II	100	30	30	-	-	4	1	-	4	160
6	MTMW 16	AUDIT	AUDIT I	-	-	-	-	-	2		-	-	-
<b>TOTAL</b>				<b>500</b>	<b>150</b>	<b>150</b>	<b>100</b>	<b>100</b>	<b>17</b>	<b>5</b>	<b>8</b>	<b>24</b>	<b>1000</b>

**L: Lecture**

**T: Tutorial**

**P: Practical**

ELECTIVE -I	ELECTIVE -II	AUDIT - I
MTMW 14(A).MIMO SYSTEM	MTMW 15(A). MICROCONTROLLER SYSTEM DESIGN	1.ENGLISH FOR RESEARCH PAPER WRITING
MTMW 14(B).REMOTE SENSING	MTMW 15(B).COGNITIVE RADIO	2.DISASTER MANAGEMENT
MTMW 14(C).MICROWAVE SEMICONDUCTOR DEVICES	MTMW 15(C).DSP ARCHITECTURE	3.SANSKRIT FOR TECHNICAL KNOWLEDGE
		4.VALUE EDUCATION



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## Grading System

Course Name –Master of Technology (Microwave & Milimeter Engineering)

Semester II / Year : I

Scheme for 2020 Admitted Students onwards

S. No.	Subject Code	Category	Subject Name	Maximum Marks Allotted					Hours/ Week			Credit	Total Marks
				Theory			Practical		L	T	P		
				End Sem.	Mid Sem	Quiz, Assignment	End Sem	Term Work					
1	MTMW 21	CORE	ADVANCED MICROWAVE DEVICES	100	30	30	50	50	4	1	2	6	260
3	MTMW 22	CORE	EMT THEORY	100	30	30	50	50	4	1	2	6	260
4	MTMW 23	PE	ELECTIVE III	100	30	30	-	-	4	1	-	5	160
5	MTMW 24	PE	ELECTIVE IV	100	30	30	-	-	4	1	-	5	160
6	MTMW 25	CORE	MINI PROJECT WITH SEMINAR	-	-	-	100	60	-	-	4	2	160
7	MTMW 26	AUDIT	AUDIT - II	-	-	-	-	-	2	-	-	-	-
<b>TOTAL</b>				<b>400</b>	<b>120</b>	<b>120</b>	<b>200</b>	<b>160</b>	<b>18</b>	<b>4</b>	<b>8</b>	<b>24</b>	<b>1000</b>

### L: Lecture

### T:Tutorial

### P:Practical

ELECTIVE -III	ELECTIVE -IV	AUDIT COURSE - II
MTMW 23(A).SATELLITE COMMUNICATION	MTMW 24(A). MILLIMETER WAVE INTEGRATED CIRCUITS	1. CONSTITUTION OF INDIA
MTMW 23(B). MICROWAVE MEASUREMENT	MTMW 24(B).ADAPTIVE AND SMART ANTENNAS	2. PEDAGOGY STUDIES
MTMW 23(C).MICROWAVE CIRCUITS AND SYSTEMS	MTMW 24(C).PHASED ARRAY ANTENNAS	3. STRESS MANAGEMENT BY YOGA
		4. PERSONALITY DEVELOPMENT THROUGH LIFE ENLIGHTENMENT SKILLS



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## Grading System

Course Name –Master of Technology (Microwave & Milimeter Engineering)

Semester III / Year : II

Scheme for 2020 Admitted Students onwards

S. No.	Subject Code	Category	Subject Name	Maximum Marks Allotted					Hours/ Week			Credit	Total Marks
				Theory			Practical		L	T	P		
				End Sem.	Mid Sem	Quiz, Assignment	End Sem	Term Work					
1	MTMW31	PE	ELECTIVE V	100	30	30	-	-	4	1	-	5	160
2	MTMW32	OE	OE	100	30	30	-	-	4	1	-	5	160
3	MTMW DP(1)	DESSERTATION	DESSERTATION (PHASE-I)	-	-	-	400	280	-	-	20	10	680
<b>TOTAL</b>				<b>200</b>	<b>60</b>	<b>60</b>	<b>400</b>	<b>280</b>	<b>8</b>	<b>2</b>	<b>20</b>	<b>20</b>	<b>1000</b>

L: Lecture

T:Tutorial

P:Practical

ELECTIVE -V	OPEN ELECTIVE
MTMW31(A)RF IC AND MICROWAVE MEMS	MTMW32(A).BUSINESS ANALYTICS
MTMW31(B)SELECTED TOPICS IN MATHEMATICAL	MTMW32(B).OPERATIONS RESEARCH
MTMW31( C) NANO MATERIAL AND TECHNOLOGY	MTMW2(C)COST MANAGEMENT OF ENGINEERING PROJECTS



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## Scheme of examination as per AICTE model Curriculum w.e.f July 2020 Grading System

**Course Name –Master of Technology (Microwave & Milimeter Engineering)**

**Semester IV / Year : II Scheme for 2020 Admitted Students onwards**

S. No.	Subject Code	Category	Subject Name	Maximum Marks Allotted					Hours/ Week			Credit	Total Marks
				Theory			Practical		L	T	P		
				End Sem.	Mid Sem	Quiz, Assignment	End Sem	Term Work					
1	MTMW DP (II)	DESSERTATION	DESSERTATION (PHASE-II)	-	-	-	500	500	-	-	30	15	1000
<b>TOTAL</b>				-	-	-	<b>500</b>	<b>500</b>	-	-	<b>30</b>	<b>15</b>	<b>1000</b>

**L: Lecture**

**T:Tutorial**

**P:Practical**