

## (SCHEME OF EXAMINATIONS)

Scheme of Programme Code: 006      Programme Name: MASTER OF TECHNOLOGY (RF & MICROWAVE ENGINEERING)      SchemeID: 310062015001      Sem./Year: 03 SEMESTER  
Institution Code: 101      Institution: AMBEDKAR INSTITUTE OF ADVANCED COMMUNICATION TECHNOLOGIES & RESEARCH (FORMERLY AIT)

S.No.	Paper ID	Code	Subject	Credit	Type	Exam	Mode	Kind	Minor	Major	Max. Marks	Pass Marks
01	06701	MERF701	ELECTROMAGNETIC INTERFERENCE AND COMPATIBILITY IN SYSTEM DESIGN	4	THEORY	UES	COMPULSORY	MANDATORY	25	75	100	40
02	06703	MERF703	MICROWAVE & MILIMETER INTEGRATED CIRCUITS	4	THEORY	UES	COMPULSORY	MANDATORY	25	75	100	40
03	06705	MERF705	RFIC	4	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
04	07705	MEDC705	HIGH PERFORMANCE COMMUNICATION NETWORKS	4	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
05	06707	MERF707	SMART ANTENNAS FOR MOBILE COMMUNICATION	4	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
06	07707	MEDC707	SPREAD SPECTRUM TECHNIQUE	4	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
07	06709	MERF709	OPTIMIZATION TECHNIQUES IN RF & MICROWAVE	4	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
08	06711	MERF711	RF MEMS	4	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
09	06713	MERF713	SELECTED TOPICS IN LATEST TRENDS IN RF SYSTEMS AND TECHNOLOGIES	4	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
10	06715	MERF715	RADAR SIGNAL PROCESSING	4	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
11	06717	MERF717	WIRELESS ADHOC NETWORKS	4	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
12	06751	MERF751	LAB 7 (EICSD LAB)	1	PRACTICAL	UES	COMPULSORY	MANDATORY	40	60	100	40
13	06753	MERF753	LAB 8 (MMIC LAB)	1	PRACTICAL	UES	COMPULSORY	MANDATORY	40	60	100	40
14	06755	MERF755	TERM PAPER-III	2	PRACTICAL	NUES	COMPULSORY	DROPPABLE	--	100	100	40
15	06757	MERF757	MINOR PROJECT	4	PRACTICAL	UES	COMPULSORY	MANDATORY	40	60	100	40



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S.No.	Paper ID	Code	Subject	Credit	Type	Exam	Mode	Kind	Minor	Major	Max. Marks	Pass Marks
01	06601	MERF601	ADVANCED ELECTROMAGNETIC ENGINEERING	4	THEORY	UES	COMPULSORY	MANDATORY	25	75	100	40
02	07601	MEDC601	ADVANCED DIGITAL COMMUNICATION SYSTEMS	4	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
03	06603	MERF603	MICROWAVE THEORY & CIRCUITS	4	THEORY	UES	COMPULSORY	MANDATORY	25	75	100	40
04	07603	MEDC603	OPTICAL FIBER COMMUNICATION SYSTEMS	4	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
05	05605	MESP605	MATHEMATICAL METHODS IN SIGNAL PROCESSING	4	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
06	06605	MERF605	RF AND MICROWAVE PASSIVE CIRCUITS DESIGN	4	THEORY	UES	COMPULSORY	MANDATORY	25	75	100	40
07	06607	MERF607	RADAR SYSTEMS	4	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
08	07607	MEDC607	COMPUTER COMMUNICATION NETWORKS	4	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
09	48611	MECS611	COMPUTATIONAL TECHNIQUES USING MATLAB	4	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
10	06651	MERF651	LAB 1 (AEME LAB)	1	PRACTICAL	UES	COMPULSORY	MANDATORY	40	60	100	40
11	06653	MERF653	LAB 2 (MTC LAB)	1	PRACTICAL	UES	COMPULSORY	MANDATORY	40	60	100	40
12	06655	MERF655	LAB 3 (RF & MPCD LAB)	1	PRACTICAL	UES	COMPULSORY	MANDATORY	40	60	100	40
13	06657	MERF657	TERM PAPER-I	2	PRACTICAL	NUES	COMPULSORY	DROPPABLE	--	100	100	40

