

(SCHEME OF EXAMINATIONS)

Scheme of Programme Code: 005 Programme Name: MASTER OF TECHNOLOGY (SIGNAL PROCESSING) SchemeID: 310052015001 Sem./Year: 01 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	05601	MESP601	SIGNAL THEORY	4	THEORY	UES	COMPULSORY	MANDATORY	25	75	100	40
02	07601	MEDC601	ADVANCED DIGITAL COMMUNICATION	4	THEORY	UES	COMPULSORY	MANDATORY	25	75	100	40
03	52601	MEVS601	DIGITAL SYSTEM DESIGN USING VERILOG	4	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
04	05603	MESP603	ANALOG SIGNAL PROCESSING	4	THEORY	UES	COMPULSORY	MANDATORY	25	75	100	40
05	52603	MEVS603	VLSI TECHNOLOGY	4	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
06	05605	MESP605	MATHEMATICAL METHODS IN SIGNAL PROCESSING	4	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
07	05607	MESP607	BROADBAND COMMUNICATION AND INFORMATION SYSTEMS	4	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
08	06607	MERF607	RADAR SYSTEMS	4	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
09	07607	MEDC607	COMPUTER COMMUNICATION NETWORKS	4	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
10	05609	MESP609	OPTIMIZATION TECHNIQUES	4	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
11	48611	MECS611	COMPUTATIONAL TECHNIQUES USING MATLAB	4	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
12	05651	MESP651	LAB-1 (ST LAB)	1	PRACTICAL	UES	COMPULSORY	MANDATORY	40	60	100	40
13	05653	MESP653	LAB-2 (ADC LAB)	1	PRACTICAL	UES	COMPULSORY	MANDATORY	40	60	100	40
14	05655	MESP655	LAB-3 (ASP LAB)	1	PRACTICAL	UES	COMPULSORY	MANDATORY	40	60	100	40
15	05657	MESP657	TERM PAPER-I	2	PRACTICAL	NUES	COMPULSORY	MANDATORY	--	100	100	40

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S.No.	Paper ID	Code	Subject	Credit	Type	Exam	Mode	Kind	Minor	Major	Max. Marks	Pass Marks
01	05701	MESP701	ADVANCED DIGITAL SIGNAL PROCESSING	4	THEORY	UES	COMPULSORY	MANDATORY	25	75	100	40
02	05703	MESP703	STATISTICAL SIGNAL PROCESSING	4	THEORY	UES	COMPULSORY	MANDATORY	25	75	100	40
03	05705	MESP705	SONAL SIGNAL PROCESSING	4	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
04	05707	MESP707	SPEECH SIGNAL PROCESSING	4	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
05	42707	MEEC707	ARTIFICIAL NEURAL NETWORKS	4	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
06	05709	MESP709	VLSI DESIGN OF DSP CIRCUITS	4	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
07	05711	MESP711	OPTICAL SIGNAL PROCESSING	4	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
08	05713	MESP713	SELECTED TOPICS IN SIGNAL PROCESSING	4	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
09	05715	MESP715	SELECTED TOPICS IN ANALOG IC DESIGN	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	42717	MEEC717	BIOMEDICAL SIGNAL PROCESSING	4	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
12	05751	MESP751	LAB-7 (ADSP LAB)	1	PRACTICAL	UES	COMPULSORY	MANDATORY	40	60	100	40
13	05753	MESP753	LAB-8 (SSP LAB)	1	PRACTICAL	UES	COMPULSORY	MANDATORY	40	60	100	40
14	05755	MESP755	TERM PAPER-III	2	PRACTICAL	NUES	COMPULSORY	MANDATORY	--	100	100	40
15	05757	MESP757	MINOR PROJECT	4	PRACTICAL	UES	COMPULSORY	MANDATORY	40	60	100	40

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03	52601	MEVS601	DIGITAL SYSTEM DESIGN USING VERILOG	4	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
04	05603	MESP603	ANALOG SIGNAL PROCESSING	4	THEORY	UES	COMPULSORY	MANDATORY	25	75	100	40
05	52603	MEVS603	VLSI TECHNOLOGY	4	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
06	05605	MESP605	MATHEMATICAL METHODS IN SIGNAL PROCESSING	4	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
07	05607	MESP607	BROADBAND COMMUNICATION AND INFORMATION SYSTEMS	4	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
08	06607	MERF607	RADAR SYSTEMS	4	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
09	07607	MEDC607	COMPUTER COMMUNICATION NETWORKS	4	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
10	05609	MESP609	OPTIMIZATION TECHNIQUES	4	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
11	48611	MECS611	COMPUTATIONAL TECHNIQUES USING MATLAB	4	THEORY	UES	ELECTIVE	DROPPABLE	25	75	100	40
12	05651	MESP651	LAB-1 (ST LAB)	1	PRACTICAL	UES	COMPULSORY	MANDATORY	40	60	100	40
13	05653	MESP653	LAB-2 (ADC LAB)	1	PRACTICAL	UES	COMPULSORY	MANDATORY	40	60	100	40
14	05655	MESP655	LAB-3 (ASP LAB)	1	PRACTICAL	UES	COMPULSORY	MANDATORY	40	60	100	40
15	05657	MESP657	TERM PAPER-I	2	PRACTICAL	NUES	COMPULSORY	MANDATORY	--	100	100	40

