

Mahakaushal University, Jabalpur (M.P.)



Scheme & Syllabus
For
M.Tech
in
Digital Communication Engineering

2021-2022 onwards

Duration of Course: 2 Years
Examination Mode: Semester
Examination System: CBCS

Mahakaushal University
Village-Aithakheda, Mukunwara Road, Post- Tilwara Jabalpur (M.P.) 482003

M.Tech Digital Communication															
1st Sem															
SUBJECT CODE & SUBJECT NAME	L	T	P	C	TH MAX	TH MIN	MS MAX	MS MIN	TQ MAX	TQ MIN	PR MAX	PR MIN	LW MAX	LW MIN	TOTAL
MTDC0101-T-ADVANCED MATHEMATICS	3	1	0	4	70	28	20	8	10	4					100
MTDC0102-T-MICRO CONTROLLER SYSTEM DESIGN	3	1	0	4	70	28	20	8	10	4					100
MTDC0103-T-DSP APPLICATION	3	1	0	4	70	28	20	8	10	4					100
MTDC0104-T-VLSI DESIGN	3	1	0	4	70	28	20	8	10	4					100
MTDC0105-T-DATA COMMUNICATION AND COMPUTER NETWORKS	3	1	0	4	70	28	20	8	10	4					100
MTDC0102-P-MICRO CONTROLLER SYSTEM DESIGN LAB	0	0	2	2							30	12	20	8	50
MTDC0104-P-VLSI DESIGN LAB	0	0	2	2							30	12	20	8	50

M.Tech Digital Communication															
2nd Sem															
SUBJECT CODE & SUBJECT NAME	L	T	P	C	TH MAX	TH MIN	MS MAX	MS MIN	TQ MAX	TQ MIN	PR MAX	PR MIN	LW MAX	LW MIN	TOTAL
MTDC0201-T-NANO TECHNOLOGY	3	1	0	4	70	28	20	8	10	4					100
MTDC0202-T-MODELLING & SIMULATION OF COMPUTER	3	1	0	4	70	28	20	8	10	4					100
MTDC0203-T-NETWORK DESIGN TECHNOLOGY	3	1	0	4	70	28	20	8	10	4					100
MTDC0204-T-OPTICAL NETWORK	3	1	0	4	70	28	20	8	10	4					100
MTDC0205-T-MOBILE & SETELLITE COMMUNICATION	3	1	0	4	70	28	20	8	10	4					100
MTDC0202-P-MODELLING & SIMULATION OF COMPUTER LAB	0	0	2	2							30	12	20	8	50
MTDC0203-P-NETWORK DESIGN TECHNOLOGY LAB	0	0	2	2							30	12	20	8	50

M.Tech Digital Communication															
3rd Sem															
SUBJECT CODE & SUBJECT NAME	L	T	P	C	TH MAX	TH MIN	MS MAX	MS MIN	TQ MAX	TQ MIN	PR MAX	PR MIN	LW MAX	LW MIN	TOTAL
MTDC0301-T-INFORMATION THEORY & CODING	3	1	0	4	70	28	20	8	10	4					100
MTDC0302(B)-T-OPTICAL INSTRUMENTATION & MEASUREMENT	3	1	0	4	70	28	20	8	10	4					100
MTDC0303-P-SEMINAR	0	0	4	4							100	40			100
MTDC0304-P-PRELIMINARIES OF DISSERTATION	0	0	8	8							120	48	80	32	200

M.Tech Digital Communication															
4th Sem															
SUBJECT CODE & SUBJECT NAME	L	T	P	C	TH MAX	TH MIN	MS MAX	MS MIN	TQ MAX	TQ MIN	PR MAX	PR MIN	LW MAX	LW MIN	TOTAL
MTDC0401-P-DISSERTATION	0	0	20	20							300	120	200	80	500