

Course Title:	Digital Image Processing		
Course Code:	MTDC-201		
Program:	M.Tech. (DC)	Semester: II	
Credits:	T-4	P-Nil	Total-4
Course Outcome			
1	To be able to understand the image representation, sampling and quantization.		
2	To understand the image enhancement techniques.		
3	To get to know about the image restoration.		
4	To understand the image mathematical morphology.		
5	To get to know about the image texture analysis.		

Course Title:	Data Communication & Computer Networks		
Course Code:	MTDC-202		
Program:	M.Tech. (DC)	Semester : II	
Credits:	T-4	P-Nil	Total-4
Course Outcome			
1	To understand the review of synchronous and asynchronous transmission.		
2	To get to know about data link control.		
3	To be able to understand about communication networks.		
4	To understand the local area networks & various topologies.		
5	To understand the WAN packet switching technologies.		

Course Title:	VLSI DESIGN		
Course Code:	MTDC-203		
Program:	M.Tech. (DC)	Semester -II	
Credits:	T-4	P-Nil	Total-4
Course Outcome			
1	Basic concept of IC.		
2	CMOS circuit and Logic Design.		
3	CMOS Chip Design.		
4	Subsystem design.		
5	CAD system algorithm.		

Course Title:	Wireless & Mobile Communication		
Course Code:	MTDC-204		
Program:	M.Tech. (DC)	Semester - II	
Credits:	T - 04	P - Nil	Total - 04
Course Outcome			
1	To get to know about the mobile communication, GSM & CDMA technology.		
2	To be able to understand the cellular radio system design.		
3	To get to know about the radio wave propagation.		
4	To understand the RF design and simulation of wireless channels.		
5	To understand the bandwidth and power spectral density and pulse shaping techniques.		

Course Title:	ANTENNA ENGINEERING & DESIGN		
Course Code:	MTDC-205		
Program:	M.Tech. (DC)	Semester- IV	
Credits:	T-04	P-00	Total-04
Course Outcome			
1	Provide an understanding of the basic principles of Antennas.		
2	Provide an overview of the fundamental characteristics techniques.		
3	Apply the analysis and design of Antenna design.		
4	Provide an overview of Special topics for antenna design and measurement.		
5	Provide an awareness of Measurement of various antenna parameters.		

Course Title:	LAB-III		
Course Code:	MTDC-206		
Program:	M.Tech. (DC)	Semester - II	
Credits:	T - Nil	P - 06	Total - 06
Course Outcome			
1	To understand the basic knowledge of MATLAB.		
2	To be able to understand the use of MATLAB.		
3	To get to know about the use of MATLAB in digital image processing.		
4	To understand how to solve the MATLAB programming problems.		
5	To understand the concept of simulation in MATLAB.		

Course Title:	Industrial Training		
Course Title:	LAB-IV		
Course Code:	MTDC-207		
Program:	M.Tech. (DC)	Semester : II	
Credits:	T-Nil	P-6	Total-6
Course Outcome			
1	To be able to understand the concept of antenna.		
2	To understand the designing of microstrip antennas according to their frequency band.		
3	To get to know about the study of simulators IE3D/HFSS/FEKO.		
4	To be able to understand the designing and simulation procedure for antenna.		
5	To be able to design and simulate the antenna using a simulator.		