

**M.D. UNIVERSITY**  
**SCHEME OF STUDIES AND EXAMINATION**  
**M.TECH 1st YEAR (COMPUTER SCIENCE & ENGINEERING)**  
**SEMESTER 1st**  
**CBCS Scheme effective from 2016-17**

Sr. No	Course No.	Subject	Teaching Schedule				Examination Schedule (Marks)				Duration of Exam (Hours)	No of hours/ week	
			L	T	P	Total Credits	Marks of Class works	Theory	Practical	Total			
1	MTCSE21C1	Data Communication and Computer Networks	4	0	-	4	50	100	-	150	3	4	
2	MTCSE21C2	Advanced Operating Systems	4	0	-	4	50	100	-	150	3	4	
3	MTCSE21C3	Advanced Database Management System	4	0	-	4	50	100	-	150	3	4	
4	MTCSE21C4	Data Warehouse and Mining	4	0	-	4	50	100	-	150	3	4	
5	MTCSE21C5	Mathematical Foundation of Computer Science	4	0	-	4	50	100	-	150	3	4	
6	MTCSE21C6	Seminar	-	-	-	2	50	-	-	50		2	
7	MTCSE21C7	Advanced Operating Systems Lab	-	-	2	2	50	-	50	100	3	2	
8	MTCSE21C8	Advanced Database Management System Lab	-	-	2	2	50	-	50	100	3	2	
		<b>TOTAL</b>					<b>26</b>						

**NOTE:**

Examiner will set nine question in total. Question one will be compulsory and will comprises of all section and remaining eight questions to be set by taking two questions from each unit. The students have to attempt five questions in total, first being compulsory and selecting one from each Unit.

**M.D. UNIVERSITY**  
**SCHEME OF STUDIES AND EXAMINATION**  
**M.TECH 1st YEAR (COMPUTER SCIENCE & ENGINEERING)**  
**SEMESTER 2nd**  
**CBCS Scheme effective from 2016-17**

Sr. No	Course No.	Subject	Teaching Schedule				Examination Schedule (Marks)				Duration of Exam (Hours)	No of hours /week
			L	T	P	Total Credits	Marks of Class works	Theory	Practical	Total		
1	MTCSE22C1	Soft Computing	4	0	-	4	50	100	-	150	3	4
2	MTCSE22C2	Algorithm Design	4	0	-	4	50	100	-	150	3	4
3	MTCSE22C3	Seminar	-		2	2	50	-	-	50	-	2
4	MTCSE22C4	Soft Computing Lab	-	-	2	2	50	-	50	100	3	2
5	MTCSE22C5	Algorithm Design Lab	-	-	2	2	50	-	50	100	3	2
6	MTCSE22D1 or MTCSE22D2 or MTCSE22D3 or MTCSE22D4	Elective-1	4	0	-	4	50	100	-	150	3	4
7		Open Elective				3						3
8		Foundation Elective				2						2
						<b>23</b>						

**NOTE:**Examiner will set nine question in total. Question One will be compulsory and will comprises of all section and remaining eight questions to be set by taking two questions from each unit. The students have to attempt five questions in total, first being compulsory and selecting one from each Unit.

**Elective 1 :** Choose any one from the following papers

MTCSE22D1 Mobile and Wireless Communication

MTCSE22D2 Optimization Techniques

MTCSE22D3 Discrete Mathematics

MTCSE22D4 Internet and Web Development

**Elective 2**

A candidate has to select this paper from the pool of Open Electives provided by the University

**Elective 3**

A candidate has to select this paper from the pool of Foundation Electives provided by the University.