

**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	16CSE21C1	Data Communication and Computer Networks	4	0	-	4	50	100	-	150	3	4	
2	16CSE21C2	Advanced Operating Systems	4	0	-	4	50	100	-	150	3	4	
3	16CSE21C3	Advanced Database Management System	4	0	-	4	50	100	-	150	3	4	
4	16CSE21C4	Data Warehouse and Mining	4	0	-	4	50	100	-	150	3	4	
5	16CSE21C5	Mathematical Foundation of Computer Science	4	0	-	4	50	100	-	150	3	4	
6	16CSE21C6	Seminar	-	-	-	2	50	-	-	50		2	
7	16CSE21CL1	Advanced Operating Systems Lab	-	-	2	2	50	-	50	100	3	2	
8	16CSE21CL2	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.

*[Handwritten signatures in blue and green ink]*

*[Handwritten signature]*  
**Director**  
**The Technological Institute of Textile & Sciences**  
**BHIWANI**



**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	16CSE22C1	Soft Computing	4	0	-	4	50	100	-	150	3	4
2	16CSE22C2	Algorithm Design	4	0	-	4	50	100	-	150	3	4
3	16CSE22C3	Seminar	-		2	2	50	-	-	50	-	2
4	16CSE22CL1	Soft Computing Lab	-	-	2	2	50	-	50	100	3	2
5	16CSE22CL2	Algorithm Design Lab	-	-	2	2	50	-	50	100	3	2
6	16CSE22D1 or 16CSE22D2 or 16CSE22D3 or 16CSE22D4	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

- 16CSE22D1     Mobile and Wireless Communication
- 16CSE22D2     Optimization Techniques
- 16CSE22D3     Discrete Mathematics
- 16CSE22D4     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.



*[Signature]*  
**Director**  
The Technological Institute of Textile & Sciences  
BHIWANI



**M.D UNIVERSITY**  
**SCHEME OF STUDIES AND EXAMINATION**  
**M.TECH 2nd YEAR (COMPUTER SCIENCE & ENGINEERING)**  
**SEMESTER 3rd**  
**CBCS Scheme effective from 2017-18**

Sl. 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	16CSE23C1	Knowledge Based System	4	0	-	4	50	100	-	150	3	4
2	16CSE23C2	Network Security	4	0	-	4	50	100	-	150	3	4
3	16CSE23C3	Literature Survey (Dissertation Stage 1)	-	-	2	2	100	-	-	100		4
4	16CSE23C4	Seminar	-		2	2	50	-	-	50		2
5	16CSE23CL1	Knowledge Based System Lab	-	-	2	2	50	-	50	100		2
6	16CSE23CL2	Project	-	-	2	2	50	-	50	100		2
7		Foundation Elective				2						
8		Open Elective				3						
		<b>TOTAL</b>				<b>21</b>						

**NOTE:**

Examiner will set nine questions in total. Question One will be compulsory and will comprises of all sections 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.

**Foundation Elective**

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

**OPEN ELECTIVE**

A candidate has to select this paper from the pool of open electives provided by the University.



*[Signature]*  
**Director**  
**The Technological Institute of Textile & Sciences**  
**BHIWAN**

**M.D UNIVERSITY**  
**SCHEME OF STUDIES AND EXAMINATION**  
**M.TECH 2nd YEAR (COMPUTER SCIENCE & ENGINEERING)**  
**SEMESTER 4th**  
**CBCS Scheme effective from 2017-18**

Sl. No	Course No.	Subject	Teaching Schedule				Examination Schedule (Marks)			No of Credits	
			L	T	P	Total	Marks of Class works	Theory	Practical		Total
1.	16CSE24C1	Dissertation and viva (Dissertation Stage 2)	-	-	-	-	250	-	500	750	20
<b>TOTAL</b>			-	-	-	-					

NOTE:

- Students have to publish a research paper in a journal / conference of the research work done in the semester.

*[Signature]*  
**Director**  
**The Technological Institute of Textile & Sciences**  
**BHIWANI**

*[Signature]* *[Signature]*

