

**Veermata Jijabai Technological Institute**  
**Scheme of Instruction and Evaluation**

**MCA :- Semester III**

SrNo	Course Code	Course Name	Hr/Week			Credits	Scheme of Evaluation		
			L	T	P		TA	MST	ESE
1	R4MC6011T	Database Management Systems	3	0	0	3	20	20	60
2	R4MC6012T	User Experience Design	2	1	0	3	20	20	60
3	R4MC6013T	Wireless Network and Mobile Communication	3	0	0	3	20	20	60
4	R4MC6014T	Information and Network Security	3	0	0	3	20	20	60
5		Elective 1	3	0	0	3	20	20	60
6	R4MC6815D	Professional Ethics	2	0	0	2	40		60
7	R4MC6011L	Database Lab	0	0	2	1	60		40
8	R4MC6013L	Wireless Network and Mobile Communication Lab	0	0	2	1	60		40
9	R4MC6014L	Information and Network Security Lab	0	0	2	1	60		40
10		Elective 1 Lab	0	0	2	1	60		40
11	R4MC6016D	Technical Seminar	0	1	0	1	100% CIE		
			16	2	8	22			

**List of Electives:**

Elective 1:

S. No	Course code	Course Title
1.	R4MC6111T	Artificial Intelligence
2.	R4MC6112T	Internet of Things
3.	R4MC6113T	Algorithm Analysis and design
4.	R4MC6114T	Blockchain
5.	R4MC6115T	Data Warehousing

### Semester –IV

SrNo	Course Code	Course Name	Hr/Week			Credits	Scheme of Evaluation		
			L	T	P		TA	MST	ESE
1	R4MC6021T	Data Mining	3	0	0	3	20	20	60
2	R4MC6022T	Testing and Quality Analysis	3	0	0	3	20	20	60
3	R4MC6023S	Optimization Techniques	3	0	0	3	20	20	60
4	R4MC6024S	Theory of computation	2	1	0	3	20	20	60
5		Elective -2	3	0	0	3	20	20	60
6		Elective -3	3	1	0	4			
7	R4MC6021L	Data Mining Lab	0	0	2	1	60		40
8	R4MC6022L	Testing and Quality Analysis Lab	0	0	2	1	60		40
9		Elective -2 Lab	0	0	2	1	60		40
10	R4MC6827D	Mini Project 2	0	0	2	1	100% CIE		
11	R4MC6826D	Technical Seminar	0	1	0	1	100% CIE		
			<b>17</b>	<b>3</b>	<b>8</b>	<b>24</b>			

#### List of Electives:

Elective 2:

S. No	Course code	Course Title
1.	R4MC6120T	Geographical Information System
2.	R4MC6121T	Image Processing
3.	R4MC6122T	Multimedia Systems
4.	R4MC6123T	Big Data Analytics
5.	R4MC6124T	Machine learning

Elective 3:

S. No	Course code	Course Title
1.	R4MC6125T	E-Commerce
2.	R4MC6126T	Enterprise System
3.	R4MC6127T	IT Infrastructure Management
4.	R4MC6128T	Digital Forensic