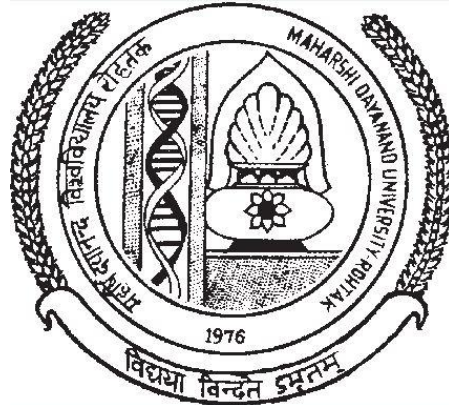


**Maharshi Dayanand University, Rohtak**



**Syllabus and Courses of Reading for  
M. Tech.  
(INFORMATION TECHNOLOGY)  
Examination**

**Session 2014-15**

**M.D. UNIVERSITY, ROHTAK (HARYANA)**  
**SCHEME OF STUDIES & EXAMINATION FOR MASTER OF**  
**TECHNOLOGY COURSE IN**  
**INFORMATION TECHNOLOGY- 2014-15**

**SEMESTER I**

**Information Technology**

Sr. No.	Course No.	Course Title	Teaching Schedule			Marks			Duration of Exam
			L	T	P	Sessional	Exam	Total	
1	MTCE-601A	Computer System Software (Common with M. Tech (CSE) - I Semester)	4	-	-	50	100	150	3
2	MTIT-603A	Data Structures and Algorithm Design	4	-	-	50	100	150	3
3	MTCE-703A	Advance Database Management System (Common with M. Tech (CSE) - III Semester)	4	-	-	50	100	150	3
4	MTIT-607A / MTCE-607A	ELECTIVE I	4	-	-	50	100	150	3
5	MTCE-609A	OOPS Lab (Common with M. Tech (CSE) - I Semester)	-	-	4	50	50	100	3
6	MTIT-611A	Data Structures Lab	-	-	4	50	50	100	3
7	MTIT-613A	Seminar	-	-	2	50	-	50	-
		Total	16		10	350	500	850	-

**ELECTIVE –I**

MTIT-607A Software Engineering

MTCE- 607A Internet & Web Technology (Common with M. Tech (CSE) - I Semester)

**Note:**

1. The paper setter shall set each theory paper of 100 marks covering the entire syllabus and the same will be evaluated on marks.
2. The Sessional of Theory /Practical Courses shall also be evaluated on the basis of marks.
3. The choice of students for any elective shall not be binding on the Deptt. to offer it.

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**SEMESTER II**

**Information Technology**

Sr. No.	Course No.	Course Title	Teaching Schedule			Mark			Duration of Exam
			L	T	P	Sessional	Exam	Total	
1	MTIT-602A	Distributed Operating System	4	-	-	50	100	150	3
2	MTCE-602A	Soft Computing (Common with M. Tech (CSE)- II Semester)	4	-	-	50	100	150	3
3	MTCE-606A	Mobile & Wireless Communication (Common with M. Tech (CSE)- II Semester)	4	-	-	50	100	150	3
4	MTIT- 608A / MTCE -608A	Elective – II	4	-	-	50	100	150	3
5	MTCE-610A	Operating System Lab (Common with M. Tech (CSE)- II Semester)	-	-	4	50	50	100	3
6	MTCE-612A	Soft Computing lab (Common with M. Tech (CSE)- II Semester)	-	-	4	50	50	100	3
7	MTIT-614A	Seminar	-	-	2	50	-	50	-
		Total	16	-	10	350	500	850	-

**ELECTIVE-II**

MTCE – 608A Software Verification, Validation and Testing (Common with M. Tech (CSE) - II Semester)

MTIT – 608A Enterprise Resource Planning

**Note:**

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3. The choice of students for any elective shall not be binding on the Deptt. to offer it.

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**INFORMATION TECHNOLOGY 2014-15**

**SEMESTER III**

**Information Technology**

Sr. No.	Course No.	Course Title	Teaching Schedule			Mark			Duration of Exam
			L	T	P	Sessional	Exam	Total	
1	MTCE-701A	Knowledge based system design (Common with M. Tech (CSE)- III Semester)	4	-	-	50	100	150	3
2	MTIT- 703A	Data warehousing & Data Mining	4	-	-	50	100	150	3
3	MTCE-705A	System & Network Administration (Common with M. Tech (CSE)- III Semester)	4	-	-	50	100	150	3
4	MTIT-707A / MTCE-7007A	Elective – III	4	-	-	50	100	150	3
5	MTCE-709A	AI Lab (Common with M. Tech (CSE)- III Semester)	-	-	4	50	50	100	3
6	MTIT-711A	Minor Project	-	-	4	50	50	100	3
7	MTIT-713A	Seminar	-	-	2	50	-	50	-
		Total	16	-	10	350	500	850	-

**ELECTIVE-II**

MTIT- 707A Software Quality Assurance

MTCE- 707A Security in Information System (Common with M. Tech (CSE) - III Semester)

**Note:**

1. The paper setter shall set each theory paper of 100 marks covering the entire syllabus and the same will be evaluated on marks.
2. The Sessional of Theory /Practical Courses shall also be evaluated on the basis of marks.
3. The choice of students for any elective shall not be binding on the Deptt. to offer it.

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**INFORMATION TECHNOLOGY 2014-15**

**SEMESTER IV**

**Information Technology**

<b>Sr. No.</b>	<b>Course No.</b>	<b>Course Title</b>	<b>Marks</b>		
			Sessional	Exam	Total
1	MTIT-702A	Dissertation and Viva	100	400	500

**Note:**

The university shall combine both sessional and external exam marks and compute the overall grade of the subject on the guidelines approved by the university