

M.D.UNIVERSITY, ROHTAK
SCHEME OF STUDIES, SYLLABUS & EXAMINATIONS
B. Tech. Ist Year-2009-10
SEMESTER-I (Common For All Branches)

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Course Notation	Course No.	Course Title	Teaching Schedule				Marks of class	Exam. Schedule		Total Marks	Durati Exam.	
			L	T	P	Total		Theory	Practical			
C	HUM-101F	Essentials of Communication	3	1	0	4	50	100	-	150	3	
C	MATH-101F	Mathematics-I	4	1	0	5	50	100	-	150	3	
C	PHY-101F	Physics-I	3	1	0	4	50	100	-	150	3	
A	ECE-101F	Basics of Electronics	3	0	0	3	50	100	-	150	3	
B	CH-101F	Engineering Chemistry	3	1	0	4	50	100	-	150	3	
A	CSE-101F	Fundamentals of Computer & Programming in C	3	1	0	4	50	100	-	150	3	
B	EE-101F	Electrical Technology	3	1	0	4	50	100	-	150	3	
A	ME-101F	Basics of Mechanical Engineering	3	0	0	3	50	100	-	150	3	
B	ME-103F	Engg. Graphics & Drawing	1	0	3	4	50	-	100	150	4	
C	PHY-103F	Physics Lab-I	0	0	2	2	25	-	25	50	3	
A	CSE-103 F	FCPC Lab	0	0	2	2	25	-	25	50	3	
B	EE-103F	Electrical Technology Lab	0	0	2	2	25	-	25	50	3	
A	ECE-103F	Basics of Electronics Lab	0	0	2	2	25	-	25	50	3	
B	CH-103F	Engineering Chemistry Lab	0	0	2	2	25	-	25	50	3	
A	ME-107F	Basics of Mech. Engg. Lab	0	0	2	2	25	-	25	50	3	
B	ME-105 F	Workshop Technology	2	0	2	4	50	-	25	75	3	
A	GES 106F	Environmental Studies	1	0	2	3	-	-	-	-	-	
Total			19/19	45	8/11	400/425	600/500	100/200	1100/1125			

Course Notation	Course No.	Course Title	Teaching Schedule				Marks of class	Exam. Schedule		Total Marks	Durati Exam.	
			L	T	P	Total		Theory	Practical			
C	HUM-102F	Communication Skills in English	3	1	0	4	50	100	-	150	3	
C	BTT- 102 F	Basics of Biotechnology	3	1	0	4	50	100	-	150	3	
C	MATH-102F	Mathematics-II	4	1	0	5	50	100	-	150	3	
C	PHY-101F	Physics-II	3	1	0	4	50	100	-	150	3	
B	ECE-101F	Basics of Electronics	3	0	0	3	50	100	-	150	3	
A	CH-101F	Engineering Chemistry	3	1	0	4	50	100	-	150	3	
B	CSE-101F	Fundamentals of Computer & Programming in C	3	1	0	4	50	100	-	150	3	
A	EE-101F	Electrical Technology	3	1	0	4	50	100	-	150	3	
B	ME-101F	Basics of Mechanical Engineering	4	0	0	4	50	100	-	150	3	
A	ME-103	Engg. Graphics & Drawing	1	0	3	4	50	-	100	150	4	
C	PHY-104F	Physics Lab-II	0	0	2	2	25	-	25	50	3	
B	ECE-103 F	Basics of Electronics Lab	0	0	2	2	25	-	25	50	3	
A	CH-103F	Engineering Chemistry Lab	0	0	2	2	25	-	25	50	3	
B	CSE-103F	FCPC Lab	0	0	2	2	25	-	25	50	3	
A	EE-103F	Electrical Technology Lab	0	0	2	2	25	-	25	50	3	
C	GP-102F	General Proficiency	-	-	-	-	50	-	-	50		
B	ME-107F	Basics of Mech. Engg. Lab	0	0	2	2	25	-	25	50	3	
A	ME-105 F	Workshop Technology	2	0	2	4	50	-	25	75	3	
A	GES 106F	Environmental Studies	1	0	2	3	-	-	-	-	-	
Total			19/19	45	8/11	400/425	600/500	100/200	1100/1125			



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Director
 The Technological Institute of Textile & Sciences
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M.D UNIVERSITY
SCHEME OF STUDIES AND EXAMINATION
B.TECH. II YEAR (INFORMATION TECHNOLOGY)
SEMESTER -III

'F' Scheme effective from 2010-11

Sl. No	Course No.	Subject	Teaching Schedule				Examination Schedule (Marks)				Duration of Exam (Hours)
			L	T	P	Total	Marks of Class work	Theory	Practical	Total	
1	MATH-201-F OR HUM-201-F	Mathematics III Common to (CSE,IT,ME,ECE,B ME,EE,EEE,E&I,I& C) OR ENGG. ECONOMICS	3	2	-	5	50	100	-	150	3
2	CSE-201 F	Data Structures using 'C' (CSE,ECE,IT,EI)	3	1	-	4	50	100	-	150	3
3	CSE-203 F	Discrete Structures (CSE,IT)	3	1	-	4	50	100	-	150	3
4	EE-217-F	Digital & Analog Communication (IT,CSE)	3	1	-	4	50	100	-	150	3
5	EE-204-F	Digital Electronics (CSE, IT & common with IV Sem. EL,EE,EI, IC)	3	1	-	4	50	100	-	150	3
6	HUM-203 F	Fundamental of Management (Common for all branches)	3	1	-	4	50	100	-	150	3
7	IT-201 F	PC Lab. (CSE, IT)	-	-	3	3	50	-	50	100	3
8	CSE-205 F	Data Structures using 'C' Lab (CSE,ECE,IT,EI)	-	-	2	2	25	-	25	50	3
9	EE-224-F	Digital Electronics Lab (Common with 4th Sem. - EL,EE,EI, IC)	-	-	3	3	50	-	50	100	3
		TOTAL	18	7	9	33	425	600	125	1150	

NOTE: Students will be allowed to use non-programmable scientific calculator. However, sharing Calculator will not be permitted in the examination.



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M.D UNIVERSITY
SCHEME OF STUDIES AND EXAMINATION
B.TECH. II YEAR (INFORMATION TECHNOLOGY)
SEMESTER -IV

'F' Scheme effective from 2010-11

Sl. No	Course No.	Subject	Teaching Schedule				Examination Schedule (Marks)				Duration of Exam (Hours)
			L	T	P	Total	Marks of class work	Theory	Practical	Total	
1	CSE-202 F	Data Base Management Systems (CSE,IT)	3	1	-	4	50	100	-	150	3
2	MATH-201-F OR HUM-201-F	Mathematics III Common to (CSE,IT,ME,ECE,BME,EE, ,EEE,E&I,I&C) OR ENGG. ECONOMICS	3	2	-	5	50	100	-	150	3
3	CSE-208 F	Internet Fundamentals (CSE,IT)	3	1	-	4	50	100	-	150	3
4	IT-202 F	Object Oriented Programming using C++ (CSE,IT)	3	1	-	4	50	100	-	150	3
5	CSE-210 F	Computer Architecture & Organization (CSE, IT and common with V-sem. EL,EL,IC)	3	1	-	4	50	100	-	150	3
6	IT-204 F	Multimedia Technologies (Common with CSE – V Sem.)	3	1	-	4	50	100	-	150	3
7	CSE-216 F	Data Base Management Lab.	-	-	2	2	25	-	25	50	3
8	IT-206 F	C++ Programming Lab. (CSE,IT)	-	-	2	2	25	-	25	50	3
9	IT-208 F	Multimedia Technologies Lab (Common with CSE – V Sem.)	-	-	2	2	25	-	25	50	3
10	CSE-214 F	Internet Lab. (CSE, IT)	-	-	2	2	25	-	25	50	3
11	GP-202 F	General Proficiency	-	-	2	2	50	-	-	50	3
		TOTAL	18	6	9	35	450	600	100	1150	-

Note:

- Students will be allowed to use non-programmable scientific calculator. However, sharing of Calculator will not be permitted in the examination.
- Each student has to undergo practical training of 6 weeks during summer vacation and its evaluation shall be carried out in the V semester.



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M.D. UNIVERSITY, ROHTAK


Scheme of Studies & Examination Bachelor of technology (Information Technology) Semester - V 'F' Scheme Effective from 2010-11

S No	Course No.	Subject	Teaching Schedule				Examination Schedule (Marks)			Duration of Exam (Hours)	
			L	T	P	Total	Marks of Class work	Theory	Practical		Total
1	IT-301-F	Rapid Application Development	3	1		4	50	100	-	150	3
2	IT-303-F	System Programming & System Administration (Common with CSE - VIth Sem)	3	1	-	4	50	100	-	150	3
3	IT-305-F	Computer Networks (IT, AEI, Common with CSE & EL- VIth Sem)	3	1	-	4	50	100	-	150	3
4	CSE-301-F	Principles of Operating System (CSE,IT)	3	1	-	4	50	100	-	150	3
5	EE- 309-F	Microprocessor & Interfacing (EL,CSE,IT,EI, IC, EEE, AEI)	3	1	-	4	50	100	-	150	3
6	CSE-303-F	Computer Graphics (CSE,IT)	3	1	-	4	50	100	-	150	3
7	IT-307-F	Rapid Application Development Lab	-	-	2	2	25	-	25	50	3
8	CSE-309-F	Computer Graphics Lab (CSE,IT)	-	-	3	3	50	-	50	100	3
9	CSE-313-F	Operating Systems Lab. (CSE, IT Common with CSE - V Sem)	-	-	2	2	25	-	25	50	3
10	EE-329- F	Microprocessor & Interfacing Lab. (CSE, IT, EL, EI, IC, AEI, EEE)	-	-	2	2	25	-	25	50	3
11	IT-309-F	Practical Training-I	-	-	2	2	-	-	-	-	-
TOTAL			18	6	11	35	425	600	125	1150	

Note:

- 1) Students will be allowed to use non-programmable scientific calculator. However, sharing of calculator will not be permitted in the examination.
- 2) The marks of class work as well as practical examination in the subject CSE-309 E (Computer Graphics Lab.) has been increased from 25 each to 50 each. Thus the total marks for the subjects shall be 100 in place of 50 from the session 2007-08.




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M.D. UNIVERSITY, ROHTAK

**Scheme of studies & Examination
Bachelor of Technology (Information Technology)
Semester - VI
'F' Scheme effective from 2010-11**

S. No.	Course No.	Subject	Teaching Schedule				Examination Schedule				Duration of Exam (Hours)
			L	T	P	Total	Marks of Class work	Theory	Practical	Total	
1	IT-302 F	Network Programming	3	1		4	50	100	-	150	3
2	CSE-302 F	Principles of Software Engineering (CSE,IT)	3	1	-	4	50	100	-	150	3
3	CSE-304 F	Intelligent Systems (CSE,IT)	3	1	-	4	50	100	-	150	3
4	CSE-307 F	Web Development (Common with CSE – V Sem.)	3	1	-	4	50	100	-	150	3
5	EE-402-F	Wireless Communication (CSE, IT and Common with 8 Sem-EL)	3	1	-	4	50	100	-	150	3
6	MATHE-302-F	Operations Research (Common with CSE 8 th Semester)	3	1	-	4	50	100	-	150	3
7	IT-304 F	Network Programming Lab. (EL,IT, AEI)	-	-	2	2	50	-	50	100	3
8	CSE-306 F	Intelligent Systems Lab. (CSE,IT)	-	-	3	3	25	-	25	50	3
9	CSE-311 F	Web Development & Core JAVA Lab. (Common with V Sem – CSE)	-	-	2	2	25	-	25	50	3
11	GPIT-302 F	General Proficiency	-	-	-	-	50	-	-	50	
		TOTAL	8	6	7	31	425	600	75	1150	-

Note:

- 1) Each student has to undergo practical training of 6 weeks during summer vacation and its evaluation shall be carried out in the VII semester.
- 2) Students will be allowed to use non-programmable scientific calculator. However, sharing of calculator will not be permitted in the examination.

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M.D.UNIVERSITY, ROHTAK
Scheme of Studies & Examination
Bachelor of Technology (Information Technology)
SEMESTER VII
'F' Scheme effective from 2012-13

Sl. No	Course No.	Subject	Teaching Schedule				Examination Schedule (Marks)			Duration of Exam	
			L	T	P	Total	Marks of Class work	Theory	Practical		Total
1	IT-401 F	Data Warehousing & Data Mining	3	1	-	4	50	100	-	150	3
2	CSE-403F	Software Project Management (CSE,IT)	3	1	-	4	50	100	-	150	3
3	IT-403 F	System & Network Administration	3	1	-	4	50	100	-	150	3
4	IT-407 F	Web Engineering	3	1	-	4	50	100	-	150	3
5	CSE-409F	Advanced JAVA	3	1	-	4	50	100	-	150	3
6		DEPTT ELECTIVE	3	1	-	4	50	100	-	150	3
7	IT-409 F	System & Network Administration Lab.	-	-	2	2	25	-	50	75	3
8	IT-411 F	Web Engineering Lab.	-	-	2	2	25	-	100	150	3
9	CSE 415 F	Advanced JAVA Lab	-	-	3	3	50	-	-	-	-
10	IT-415 F	Practical Training-II	-	-	-	-	-	-	-	-	-
TOTAL			18	6	7	31	400	600	200	1200	

List of Deptt Electives

1	IT-421 F	Embedded Systems Design
2	IT-471 F	Management Information Systems
4	IT-407 F	Web Engineering
5	CSE-423 F	Distributed Operating System
6	IT-465F	Network Security & Management
7	CSE-425 F	Digital Image Processing
8	CSE-435 F	Advanced Database Management Systems
9	CSE-437F	Natural Language Processing
10	CSE-439 F	Object Oriented System Development
11	IT-467 F	Computer Software Testing
12	IT-469 F	Logic & Functional Programming
13	CSE-441 F	Human Computer Interaction
14	IT-473 F	High Speed Networks
15	IT-405 F	Introduction to E-Commerce & ERP

Note:

- Students will be allowed to use non-programmable scientific calculator. However, sharing of calculator will not be permitted in the examination.
- Student will be permitted to opt for any one elective run by the department. However, the departments will offer only those electives for which they have expertise. The choice of the students for any elective shall not be a binding for the department to offer, if the department does not have expertise.
- Assessment of Practical Training-II, undergone at the end of VI semester, will be based on seminar, viva-voce, report and certificate of practical training obtained by the student from the industry. According to performance letter grades A, B, C, F are to be awarded. A student who is awarded 'F' grade is required to repeat Practical Training.



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MAHARSHI DAYANAND UNIVERSITY, ROHTAK

SCHEME OF STUDIES & EXAMINATIONS

B.Tech. 4th YEAR INFORMATION TECHNOLOGY, SEMESTER- VIII

(Proposed Scheme-F)

W.E.F 2012-13

		Subject	Internal Marks	External Marks	Total Marks
1.	IT- 402-F	Industrial Training/Institutional Project Work	150	150	300

Note:

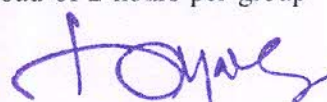
The students are required to undergo Industrial Training or Institutional Project Work of duration not less than 4 months in a reputed organization or concerned institute. The students who wish to undergo industrial training, the industry chosen for undergoing the training should be at least a private limited company. The students shall submit and present the mid-term progress report at the Institute. The presentation will be attended by a committee. Alternately, the teacher may visit the Industry to get the feedback of the students.

The final viva-voce of the Industrial Training or Institutional Project Work will be conducted by an external examiner and one internal examiner appointed by the Institute. External examiner will be from the panel of examiners submitted by the concerned institute approved by the Board of Studies in Engg. & Technology. Assessment of Industrial Training or Institutional Project Work will be based on seminar, viva-voce, report and certificate of Industrial Training or Institutional Project Work obtained by the student from the industry or Institute.

The internal marks distributions for the students who have undergone Industrial Training consist of 50 marks from the industry concern and 100 marks by the committee members consisting of faculty members of concerned department of the parent institute.

The teachers engaged for Institutional Project work shall have a workload of 2 hours per group (at least 4 students) per week.




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