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

Course Notation	Course No.	Course Title	L	T	P	Total	Marks of class	Theory	Practical	Total Marks	Durati Exam.
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
		OR									
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
		OR									
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
		OR									
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
		OR									
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
		OR									
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
		OR									
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	4/5	8/11	400/425	600/500	100/200	1100/1125		

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

Course Notation	Course No.	Course Title	L	T	P	Total	Marks of class	Theory	Practical	Total Marks	Durati Exam.
C	HUM-102F	Communication Skills in English	3	1	0	4	50	100	-	150	3
		OR									
C	BTF- 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
		OR									
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
		OR									
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
		OR									
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
		OR									
A	CH-103F	Engineering Chemistry Lab	0	0	2	2	25	-	25	50	3
B	CSE-103 F	FCPC Lab	0	0	2	2	25	-	25	50	3
		OR									
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
		OR									
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	4/5	8/11	400/425	600/500	100/200	1100/1125		

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F-scheme

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M.D UNIVERSITY
SCHEME OF STUDIES AND EXAMINATION
B.TECH. II YEAR (COMPUTER SCIENCE & ENGINEERING)
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 works	Theory	Practical	Total	
1	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
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 (CSE,IT)	3	1	-	4.	50	100	-	150	3
5	EE-204-F	Digital Electronics (Common with 4th Sem. – EE,EL,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 (CSE,IT & Common with 4th Sem. – EE,EL,EI & IC)	-	-	3	3	50	-	50	100	3
		TOTAL	18	7	8	33	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.

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M.D UNIVERSITY
SCHEME OF STUDIES AND EXAMINATION
B.TECH. II YEAR (COMPUTER SCIENCE & ENGINEERING)
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	CSE-204 F	Programming Languages	3	1	-	4	50	100	-	150	3
3	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
4	IT-202-F	Object-Oriented Programming using C++ (CSE,IT)	3	1	-	4	50	100	-	150	3
5	CSE-208 F	Internet Fundamentals (CSE,IT)	3	1	-	4	50	100	-	150	3
6	CSE-210 F	Computer Architecture and Organization (CSE,IT and Common with 5th Sem. EL,EI,IC)	3	1	-	4	50	100	-	150	3
7	CSE-212 F	Data Base Management Systems Lab. (CSE,IT)	-	-	3	3	50	-	50	100	3
8	IT-206-F	C++ Programming Lab. (CSE,IT)	-	-	2	2	25	-	25	50	3
9	CSE-214 F	Internet Lab. (CSE,IT)	-	-	2	2	25	-	25	50	3
10	GP-202 F	General Proficiency	-	-	2	2	50	-	-	50	
		TOTAL	18	6	9	34	450	600	100	1150	

Note:

1) Students will be allowed to use non-programmable scientific calculator. However, sharing of
2) Calculator will not be permitted in the examination.
3) 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 (Computer Science & Engineering)
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	CSE-301 F	Principles of Operating System (CSE,IT)	3	1	-	4	50	100	-	150	3
2	EE-309-F	Microprocessors and Interfacing (EL,CSE,IT,EI, IC, EEE, AEI)	3	1	-	4	50	100	-	150	3
3	CSE-303-F	Computer Graphics (CSE,IT)	3	1	-	4	50	100	-	150	3
4	CSE-305-F	Theory of Automata Computation	3	1	-	4	50	100	-	150	3
5	CSE 307-F	Web Development (Common with IT – VI Sem)	3	1	-	4	50	100	-	150	3
6	IT-204-F	Multimedia Technologies (Common with IT- IV-Sem)	3	-	-	3	50	100	-	150	3
7	CSE-309-F	Computer Graphics Lab. (CSE,IT)	-	-	3	3	25	-	25	50	3
8	CSE-311-F	Web Development & Core JAVA Lab. th (Common with 6 Sem.-IT)	-	-	2	2	25	-	25	50	3
9	IT-208-F	Multimedia Tech. Lab (Common with IT–IVSem)	-	-	2	2	25	-	25	50	3
10	EE-329-F	Microprocessors and Interfacing Lab. (EL,CSE,IT,EI, IC, EEE, AEI)	-	-	2	2	25	-	25	50	3
11.	CSE-313-F	O.S. Lab. (CSE, IT)	-	-	2	2	25	-	25	50	-
12	CSE-315-F	Practical Training-I	-	-	2	2	-	-	-	-	-
		TOTAL	18	5	13	36	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. Assessment of Practical Training-I, undergone at the end of IV 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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M.D. UNIVERSITY, ROHTAK

Scheme of studies & Examination
Bachelor of Technology (Computer Science & Engineering)
Semester - VI
'F' Scheme Effective from 2010-11

S. No.	Course No.	Subject	Teaching Schedule				Examination Schedule (Marks)				Duration of Exam (Hours)
			L	T	P	Marks of Total Class work	Theory	Practical	Total	
1	CSE-302 F	Principles of Software Engineering (CSE,IT)	3	1	-	4	50	100	-	150	3
2	CSE-304 F	Intelligent Systems (CSE,IT)	3	1	-	4	50	100	-	150	3
3	IT-305 F	Computer Networks (CSE, EL & Common with 5 Sem. – IT, AEI)	3	1	-	4	50	100	-	150	3
4	IT-303 F	Systems Programming & System Administration (Common with 5 Sem. – IT)	3	1		4	50	100	-	150	3
5	CSE-306 F	Analysis & Design of Algorithms	3	1	-	4	50	100	-	150	3
6	EE-310-F	Digital System Design (EL,EE,CSE,EI, IC, AEI)	3	1	-	4	50	100	-	150	3
7	CSE-308 F	Intelligent Systems Lab. (CSE,IT)	-	-	3	3	25	-	25	50	3
8	EE-330-F	Digital System Design Lab. (EL,EI, IC,CSE, AEI)	-	-	3	3	25	-	25	50	3
9	CSE-310-F	Computer Network lab	-	-	2	2	25	-	25	50	3
	CSE-312-F	Visual Programming Lab.	-	-	2	2	25	-	25	50	3
9	GP-302-F	General Proficiency	-	-	-	-	50	-	-	50	3
		TOTAL	18	6	10	34	450	600	100	1150	-

Note:

1. Each student has to undergone 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 (Computer Science & Engineering)
SEMESTER VII
'F' Scheme Effective from 2012-13

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-401 F	Advanced Computer Architecture	3	1	-	4	50	100	-	150	3
2	CSE-403 F	Software Project Management (CSE,IT)	3	1	-	4	50	100	-	150	3
3	CSE-405 F	Compiler Design	3	1	-	4	50	100	-	150	3
4	CSE-407 F	Neural Networks	3	1	-	4	50	100	-	150	3
5	CSE-409 F	Advanced Java (CSE, IT)	3	1	-	4	50	100	-	150	3
6		Elective	3	1	-	4	50	100	-	150	3
7	CSE-411 F	Compiler Design Lab	-	-	2	2	25	-	50	75	3
8	CSE-413 F	Neural Networks Using MATLAB	-	-	2	2	25	-	50	75	3
9	CSE-415 F	Advanced JAVA Lab (CSE, IT)	-	-	3	3	50	--	100	150	3
10	CSE-417 F	PRATICAL TRAINING-II	-	-	-	-		-	-		-
		TOTAL	18	6	7	31	400	600	200	1200	

List of Electives

1.	CSE-423 F	Distributed Operating System
2.	IT-465F	Network Security & Management
3.	CSE-421 F	Real Time Systems
4.	CSE-435 F	Advanced Database Management Systems
5.	IT-467 F	Computer Software Testing
6.	IT-473 F	High Speed Networks

Note:
1. Students will be allowed to use non-programmable scientific calculator. However, sharing of calculator will not be permitted in the examination.
2. 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.
3. Assessment of Practical Training-II, carried out at the end of VI semester, will be based on seminar, viva- voce and project report of the student. 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 COMPUTER SC & ENGINEERING, SEMESTER- VIII

(Scheme-F)

EFFECTIVE FROM THE SESSION 2012-13

		Subject	Internal Marks	External Marks	Total Marks
1.	CSE- 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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