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MAHARSHI DAYANAND UNIVERSITY, ROHTAK SCHEME OF STUDIES & EXAMINATIONS B.Tech 2nd YEAR TEXTILE TECHNOLOGY(TT) 3rd SEMESTER

Proposed 'F' Scheme w.e.f 2010-11

Course No.	Course Title	Tea	achir	ıg Scl	nedule	Marks of Class work	Exar	nination	Total Marks	Duration of Exam
		L	Т	P	Tot al		Theory	Practical		
TT-201-F	Textile Raw Materials (common with TC/FAE)	3	1	-	4	50	100	in the second	150	3
TT-203-F	Yarn Manufacture-I	3	1	-	4	50	100	-	150	3
TT-205-F	Weaving Preparation	3	1	-	4	50	100	=-	150	3
TT-207-F	Fabric Manufacture-I	3	1	-	4	50	100	-	150	3
ME-217-F	Thermal science(common to TC and TT)	3	1		4	50	100	-	150	3
HUM-201-F	Common to CSE, ME, ECE, BME, EE, E&I, I&C, IT, CE, TT, FAE, TC)	3	1	-	4	50	100	-	150	3
	ule valived will									
	Practicals				TUE!		77 7			
TT-209-F	Spinning Practical-I	-	-	3	3	50		50	100	4
TT-211-F	Weaving Practical-I	-	-	3	3	50		50	100	4
ME-219-F	Machine Drawing	-	-	2	2	50		50	100	4
ГТ-213-F	Fibre Microscopy & Identification	12	04)	2	2	50		50	100	4
	Total	18	6	10	34	500	600	200	1300	

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Director,

MAHARSHI DAYANAND UNIVERSITY, ROHTAK SCHEME OF STUDIES & EXAMINATIONS B.Tech 2nd YEAR TEXTILE TECHNOLOGY (TT) 4th SEMESTER Proposed 'F' Scheme w.e.f 2010-11

Course No.	Course Title	Tea	ching	g Sch	edule	Marks of Class work	Examinat	ion	Total Marks	Duration of Exam
1	NADIO-P-	L	Т	P	Tot al		Theory	Practical		nb
TT-202-F	Man-Made Fibre Production	3	1		4	50	100	-	150	3
TT-204-F	Yarn Manufacture-II	3	1		4	50	100		150	3
TT-206-F	Fabric Manufacture- II	3	1	-	4	50	100	-	150	3
TT-208-F	Fabric Structure	3	1	-	4	50	100	-	150	3
TT-210-F	Computer Aided Designing	3	1	-	4	50	100	-	150	3
MA-201-F	Applied Statistics & Operations Research	3	1	1.	4	50	100		150	3
	Practicals									
TT 212 F	Spinning Practical-II	-	_	3	3	50		50	100	4
TT-212-F		5						1-022	The state of	7.
TT-214-F	Weaving Practical-II	-	-	3	3	50	3.50 III	50	100	4
TT-216-F	Fabric Analysis	=	-	2	2	50	1	50	100	4
TT-218-F	Computer Aided Textile Designing		1-	2	2	50	-	50	100	4
	Total	18	6	10	34	500	600	200	1300	

TITUTE OF TEX COORDINATOR

Director,

MAHARSHI DAYANAND UNIVERSITY, ROHTAK SCHEME OF STUDIES & EXAMINATIONS B.Tech 3rd YEAR TEXTILE TECHNOLOGY (TT) 5th SEMESTER

Proposed 'F' Scheme w.e.f 2011-12

Course No.	Course Title			achi hedi		Marks of Class work	Exam	ination	Total Marks	Duration of Exam
	Pin manue II	L	T	P	Total		Theory	Practical		
TT-301-F	Structure & Properties of Fibres (Common with TC)	3	1) = :	4	50	100	20	150	3
TT-303-F	Yarn Manufacture-III	3	1	-	4	50	100		150	3
TT-305-F	Fabric Manufacture-III	3	1	-	4	50	100	-	150	3
TT-307-F	Textile Testing-I (Common with TC)	3	1	-	4	50	100	-	150	3
TT-309-F	Textile Chemical Processing-I	3	1	-	4	50	100		150	3
TT-311-F	Garment Manufacturing Technology (Common with TC)	3	1		4	50	100		150	3
	Practicals			S I						
TT-313-F	Spinning Practical-III	-	-	3	3	50	-	50	100	4
TT-315-F	Weaving Practical-III	-	329	3	3	50	-	50	100	4
TT-317-F	Practical-I (Common with TC)	-	-	2	2	50	-	50	100	4
TT-319-F			-	2	2	50	ocen m	50	100	4
	Total	18	6	10	34	500	600	200	1300	

Director,

NSTITUTE OF

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MAHARSHI DAYANAND UNIVERSITY, ROHTAK SCHEME OF STUDIES & EXAMINATIONS B. Tech 3rd YEAR TEXTILE TECHNOLOGY (TT) 6th SEMESTER

Proposed 'F' Scheme w.e.f 2011-12

Course No.	Course Title			each		Marks of Class work	Exam	ination	Total Marks	Duration of Exam
	ALCOHOLD IN THE	L	T	P	Total		Theory	Practical		
TT-302-F	Modern Methods of Yarn Production	3	1	-	4	50	100		150	3
TT-304-F	Fabric Manufacture-IV	3	1	-	4	50	100		150	3
TT-306-F	Textile Testing-II (Common with TC)	3	1	-	4	50	100	-	150	3
TT-308-F	Mechanics of Textile Machinery	3	1	-	4	50	100	-	150	3
TT-310-F	Textile Chemical Processing-II	3	1	-	4	50	100	-	150	3
HUM-312- F	Merchandising & Export Management (Common with TC)	3	1		4	50	100		150	3
	Practicals									
TT-314-F	Spinning Practical-IV	-	-	3	3	50		50	100	4
TT-316-F	Weaving Practical-IV	-	- 47	3	3	50		50	100	4
TT-318-F	Textile Testing Practical-II (Common with TC)	-	7.7	2	2	50	e -	50	100	4
TT-320-F	Textile Chemical Processing Lab	-	-	2	2	50	-	50	100	4
	Total	18	6	10	34	500	600	200	1300	

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Director,

MAHARSHI DAYANAND UNIVERSITY, ROHTAK SCHEME OF STUDIES & EXAMINATIONS B. Tech FINAL YEAR TEXTILE TECHNOLOGY (TT) 7th SEMESTER

'F' Scheme w.e.f 2012-13

Course No.	Course Title			each ched		Marks of Class work	Exan	ination	Total Marks	Duration of Exam
		L	T	P	Total		Theory	Practical	o.i	
TT-401-F	High Performance Fibres	3	1	-	4	50	100	-	150	3
TT-403-F	Multifibre Spinning	3	1	-	4	50	100		150	3
TT-405-F	Waste Management & Pollution Control OR Production Planning & Quality Management	3	1	pi gu	4	50	100		150	3
TT-407-F	Engineering of Textile Structures-I	3	1		4	50	100		150	3
TT-409-F	Textile Costing	3	1	-	4	50	100		150	3
HUM- 411-F	Finance, Material and Human Resource Management	3	1		4	50	100	-	150	3
TT-413-F	Spinning Practical – V	-	-	3	3	50	-	50	100	4
TT-415-F	Weaving Practical – V	-	-	3	3	50	-	50	100	4
TT-417-F	Mill Practice	-	_	-	IE-H	100	-	200	300	4
ТТ-418-F	Seminar		-	2	2	-				k
TT-419-F	Project Work (Mid Term Evaluation)	1-51	-	2	2	100		Trings (tri	100	Viva
THE TOP	Total	18	6	10	34	600	600	300	1500	

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STITUTEOF

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Course No	Course Title				ching edule	Marks of Class work	Exan	ination	Total Marks	Duration of Exam
]	L	T 1	Total		Theory	Practical		
TT-402-F	Post Extrusion Operations	3	3	1 -	4	50	100	-	150	3
TT-404-F	Spinning Technology	3	3	1 -	4	50	100	_	150	3
TT-406-F	Complex Textiles	3	1	-	4	50	100	-	150	3
TT-408-F	Engineering of Textile Structures-II	3	1	-	4	50	100		150	3
TT-410-F	Technical Textiles OR Global Scenario of Textile Industry	3	1	-	4	50	100	-	150	3
CSE-412-F	Computer Network & Applications	3	1	-	4	50	100	-	150	3
ГТ-414-F	Textile Colour & Design	-	-	3	3	50	-	50	100	4
ГТ-416-F	Computer Networking Practical	-	-	3	3	50	- 00	50	100	4
T-418-F	Seminar	-	-	2	2	200	_	- 1	200	-
T-420-F	Project Work	-		2	2	100	-	100	200	Viva
	Total	18	6	10	34	700	600	200	1500	

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Director,

MAHARSHI DAYANAND UNIVERSITY, ROHTAK SCHEME OF STUDIES AND EXAMINATION B.TECH (TEXTILE CHEMISTRY) SEMESTER-III 'F' Scheme w.e.f 2010-11

Course No.	Course Title	Te	achi	ng Sc	hedule	Mark s of Class work	Exan	nination	Total Marks	Duration of Exam
		L	T	P	Total		Theory	Practical		
TT-201-F	Textile Raw Materials	3	1	-	4	50	100	-	150	3
TC-201-F	Physical & Organic Chemistry	3	1		4	50	100	- - -	150	3
TC-203-F	Yarn Formation	3	1		4	50	100		150	3
TC-205-F	Polymer & Fibre Chemistry	3	1	-	4	50	100		150	3
ME-217-F	Thermal Science	3	1	-	4	50	100	-	150	3
HUM-201- F	Engineering Economics	3	1	J	4	50	100	-	150	3
- Historia variation	Practicals					21.5752				7
TC-207-F	Yarn Formation Practical	- 3		3	3	50	-	50	100	4
TC-209-F	Qualitative Analysis of Organic Compounds			3	3	50		50	100	4
ME-219-F	Machine Drawing	-	-	2	2	50	-	50	100	4
TT-213-F	Fibre Microscopy & Identification		-	2	2	50	-	50	100	4
Total		18	6	10	34	500	600	200	1300	

Director,

THE TECHNOLOGICA INSTITUTE
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MAHARSHI DAYANAND UNIVERSITY, ROHTAK SCHEME OF STUDIES AND EXAMINATION B.TECH (TEXTILE CHEMISTRY) SEMESTER-IV 'F' Scheme w.e.f 2010-11

Course No.	Course Title		achii iedu			Mark s of Class work	Examin	ation	Total Mark s	Duration of Exam
		L	T	P	Tot al		Theory	Practical		
TT-202-F	Man-Made Fibre Production	3	1	-	4	50	100	-	150	3
TC-202-F	Unit Organic Process & Chemical Engg	3	1		4	50	100	>=	150	3
TC-204-F	Fabric Formation	3	1	-	4	50	100	æ	150	3
TC-206-F	Preparatory Wet Processing	3	1	7	4	50	100	-	150	3
TT-210-F	Computer Aided Designing	3	1	-	4	50	100	.	150	3
MA-201-F	Applied Statistics & Operations Research	3	1	-	4	50	100	72	150	3
	Practicals									
TC-208-F	Fabric Formation Practical		-	3	3	50		50	100	4
TC-210-F	Preparatory Wet Process Lab	-	-	3	3	50	-	50	100	4
TC-212-F	Analytical Chemistry Lab	-	873	2	2	50		50	100	4
ГТ-218-F	Computer Aided Textile Design	-	-	2	2	50	-	50	100	4
T	otal	18	6	10	34	500	600	200	1300	

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Director,

MAHARSHI DAYANAND UNIVERSITY, ROHTAK SCHEME OF STUDIES & EXAMINATIONS B.Tech 3rd YEAR TEXTILE CHEMISTRY (TC) 5th SEMESTER

Proposed 'F' Scheme w.e.f 2011-12

Course No.	Course Title			each		Marks of Class work	Exan	nination	Total Marks	Duration of Exam
		L	T	P	Total		Theory	Practical		
TT-301-I	Structure & Properties of Fibres (common with TT)	3	1	-	4	50	100	-	150	3
TC-303-F	Technology of Dyeing	3	1	-	4	50	100	-	150	3
TC-305-F	Chemistry of Dyes	3	1	-	4	50	100	-	150	3
TT-307-F	Textile Testing-I (common with TT)	3	1	1	4	50	100	- 1	150	3
TC-309-F	Textile Design	3	1	-	4	50	100	-	150	3
TT-311-F	Garment Manufacturing Technology (Common with TT)	3	1		4	50	100	-	150	3
	Practicals									
TC-313-F	Dyeing Lab-I		-	3	3	50	-	50	100	4
TC-315-F	Technical Analysis Lab	_	-	3	3	50	-	- 50	100	4
TT-317-F	Textile Testing Practical-I (common with TT)	-		2	2	50	-	50	100	4
ГТ-319-F		-	-	2	2	50		50	100	4
	Total	18	6	10	34	500	600	200	1300	

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MAHARSHI DAYANAND UNIVERSITY, ROHTAK SCHEME OF STUDIES & EXAMINATIONS B. Tech 3rd YEAR TEXTILE CHEMISTRY (TC) 6th SEMESTER Proposed 'F' Scheme w.e.f 2011-12

Course No	. Course Title				hing dule	Marks of Class work		nination	Total Marks	Duration of Exam
		I	<i>,</i> '	ГЕ	Total		Theory	Practical		
TC-302-F	Processing of Synthetics & Blends	3	3	1 -	4	50	100	-	150	3
TC-304-F	Textile Printing	3			4	50	100	-	150	3
TT-306-F	Textile Testing-II (common with TT)	3	1	-	4	50	100	PRES.	150	3
TC-308-F	Textile Finishing-I	3	1	-	4	50	100	-	150	3
TC-310-F	Garment Processing & Quality Control	3	1	-	4	50	100		150	3
HUM-312- F	Merchandising & Export Management (common with TT)	3	1	-	4	50	100	-	150	3
	Practicals									
ГС-314-F	Dyeing Lab-II	-	-	3	3	50	-	50	100	4
C-316-F	Printing Lab	-	-	3	3	50	-	50	100	4
	Textile Testing Practical-II (common with TT)	-	-	2	2	50	-	50	100	4
C-320-F	Industrial Wet Processing	-	-	2	2	50	-	50	100	4
	Total	18	6	10	34	500	600	200	1300	

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MAHARSHI DAYANAND UNIVERSITY, ROHTAK SCHEME OF STUDIES AND EXAMINATION B.TECH (TEXTILE CHEMISTRY) SEMESTER-VII (2012-13

A CALLO CALL

	Course	B.TECH (TEXTI	P :	schen	ie w.e.	1 2012-13	BOTER-VI	1 (2012-13)		
7	No.	Course Title	Tea	ching	Scheo	lule	Marks of Class work	Exan	nination	Total Marks	Duration of Exam
CHNOLOGAL	TC 401-F	Textile Chemical Testing	L	T	P	Total	9 4 - 6	Theory	Practical		
8 18	TC 403-F	Textile Finishing-II	3	1	-	4	50	100	- Tactical	150	2
* ORDINA	T 405-F	Production Planning & Quality	3	1	-	4	50	100	_	150	3
IDAC COORDINATURE STORY		Management OR Waste Management & Pollution Control (common with TT)	3			4	50	100	-	150	3
13135 0	TC 407-F	Wet Processing Machinery	2								
	TC 409-F	Theory of Coloration and Computer	3	1	-	4	50	100		150	3
	LHIMALL	Colour Matching	3	1	-	4	50	100	-	150	3
Director, THE TECHNOLOGICAL IN OF TEXTILE & SCIENCES,	HUM411- F	Finance, Material and Human Resource Management (common with TT)	3	1	-	4	50	100	-	150	3
LE &	TC 413-F TC 415-F	Colour Measurement & CCM lab	-	-	3	3	50		50	100	
Se lo	TC 417-F	Textile Finishing Lab Mill Practice	-	-	3	3	50			100	4
m 9	TC 417-F		-		-		100		50	100	4
CE A		Seminar	_	_	2	2	-	15/24	200	300	Viva
Ø ₹	The state of the s	Project Work (Mid Term Evaluation)	-1111	_	2	2	100				
INSTITUTE	Total	VIII	18	6	10	34	600	600	300	100 1500	Viva

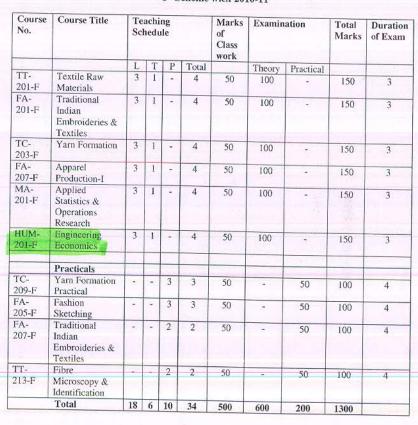
B.TECH (TEXTILE CHEMISTRY) SEMESTER-VIII (2012-13)

Course No.	Course Title	Teac	hing S	Schedi	ıle	Marks of Class work	Exam	iination	Total Marks	Duration of Exam
		L	T	P	Total		Theory	Practical		
TT 402-F	Post Extrusion Operations (common with TT)	3	1	-	4	50	100	-	150	3
TC 404-F	Developments in Textile Chemical Processing	3	1	-	4	50	100	-	150	3
TC 406-F	Process Control in Chemical Processing	3	1		4	50	100		150	3
TC 408-F	Knitting & Knit Processing OR Eco-friendly Processing and Manufacturing of Textiles	3	1	- 3	4	50	100		150	3
TT 410-F	Technical Textiles OR Global Scenario of Textile Industry (Common with TT)	3	1		4	50	100	-	150	3
CSE 412- F	Computer Network & Applications (common with TT)	3	1	-	4	50	100		150	3
TT 414-F	Textile Colour & Design (common with TT)	-	:5 +	3	3	50	- 4	50	100	4
CSE 416-	Computer Networking Practical	-	-	3	3	50	-	50	100	4
F	(common with TT)			V 1						
TC 418-F	Seminar		2.75	2	2	200		-	200	Viva
TC 420-F	Project Work	-	8-	2	2	-	-	200	200	Viva
Total		18	6	10	34	600	600	300	1500	

Director,

THE TECHNOLOGICAL INSTITUTE

MAHARSHI DAYANAND UNIVERSITY, ROHTAK SCHEME OF STUDIES AND EXAMINATION B.TECH (FASHION & APPAREL ENGG) SEMESTER-III 'F' Scheme w.e.f 2010-11



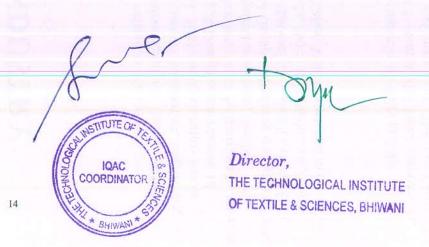


Director,
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MAHARSHI DAYANAND UNIVERSITY, ROHTAK SCHEME OF STUDIES AND EXAMINATION B.TECH (FASHION & APPAREL ENGG) SEMESTER-IV

			F'S	chen	ie w.e.f	2010-11				
Subject Code	Course Title	Tea	aching	Sche	dule	Mark s of Class work		ination	Total Mark s	Duration of Exam
E4 202 E		L	T	P	Total		Theory	Practical		
FA-202-F	Evolution of Clothing & Fashion	3	1	-	4	50	100	-	150	3
FA-204-F	Colour and Design Concepts	3	1	-	4	50	100		150	3
TC-204-F	Fabric Formation	3	1	-	4	50	100			
TT-208-F	Fabric Structure	3	1		4	50		-	150	3
FA-206-F	Apparel Merchandising	3	1	-	4	50	100	-	150 150	3
FA-208-F	Apparel Production-	3	1	-	4	50	100	(·	150	3
	Practicals									
TC-208-F	Fabric Formation Practical			3	3	50	-	50	100	4
FA-210-F	Colour and Design Lab	-		3	3	50	-	50	100	4
FA-212-F	Elementary Garment Manufacturing Lab	-		2	2	50		50	100	4
FA-214-F	Design Ideas and Fashion Illustration	-	-	2	2	50		50	100	4
	Total	18	6	10	34	500	600	200	1300	



FA-202-F EVOLUTION OF CLOTHING AND FASHION

L	T	P	#13 d/s	
3	- î		Class work :	50
2			Examination :	100
			Total :	150
			Exam duration:	3 hrs

NOTE: Examiner will set 9 questions in total, with two questions from each unit and one question covering all sections which will be Q.1. This Q.1 is compulsory and of short answers type. Each question carries equal mark (20 marks). Students have to attempt 5 questions in total at least one question from each unit

Unit I

Origin of clothing. Objectives of clothing and costumes, Main archetypes of costumes, Principles of history of fashion. Theories of clothing-Protection, adornment, modesty and combined need theory etc.

Fashion and its meaning, Principles and history of fashion, Classification of fashion. Fashion product Life cycles. Sources of Fashion, Factors affecting fashion movement like cultural, socio-psychological, etc.

Unit II

Effect of various factors such as communication, industry, economy, sports etc on fashion. Fashion leadership theories. Important fashion capitals, National and International fashion designers, National and International fashion markets and fashion weeks.

Unit III

Indian history of costumes: Concept and comparison of costumes of all stages of pre-histpric and medieval period, Study of Costumes, jewellary, footwear, hairstyles etc. in India in different periods as - Vedic and post vedic period, Maurian Period, Gupta period Kushan and Kanishka period.

Unit IV

Global history of costumes: Concepts and history of classical costumes in Greek civilization and Roman civilization. History of costumes in Egyptian and Byzantine civilization. History of costumes in the western world starting from the origin up to the Reign of Charles and Louis with the emphasis on famous fashion centers and famous fashion designers. Important national and international fashion designers.

Reading List

Title

The guide to historic costumes Inside Fashion Business Inside Fashion Design Fashion: From Concept to Consumers Understanding today's Fashion

Author

Karen Baclaw Ski Kitty G.Dickerson Sharon Lee Tate Gini Stephon Frings

MAHARSHI DAYANAND UNIVERSITY, ROHTAK SCHEME OF STUDIES AND EXAMINATION B.TECH (FASHION & APPAREL ENGG) SEMESTER-V 'F' Scheme w.e.f 2011-12

Course No.	Course Title		ching edule			Marks of Clas	Exam	ination	Total Marks	Duration of Exam
		L	T	P	Total		Theo	Practical		
FA- 301-F	Knitting Technology	3	1	-	4	5	100	-	150	3
FA- 303-F	Apparel Production-III	3	1		4	5 0	100		150	3
FA- 305-F	Preparatory Wet processing	3	1	-	4	5	100	1	150	3
FA- 307-F	Material Studies	3	1	-	4	5	100		150	3
FA- 309-F	Apparel Production Planning & Scheduling	3	1		4	5 0	100	=	150	3
FA- 311-F	Finance Material & Human Resource	3	1		4	5 0	100	-	150	3
	Practicals									
FA- 313-F	Pattern Making		-	2	2	5 0		50	100	4
FA- 315-F	Apparel Construction Lab-I	-	-	3	3	5 0	-	50	100	4
FA- 317-F	Woven Knit Design and Development	72	-	2	2	5 0		50	100	4
FA- 319-F	Preparatory Wet processing Lab	-	-	3	3	5 0	-	50	100	4
	Total	18	6	10	3	500	600	200	1300	

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Director,

MAHARSHI DAYANAND UNIVERSITY, ROHTAK SCHEME OF STUDIES AND EXAMINATION B.TECH (FASHION & APPAREL ENGG) SEMESTER-VI 'F' Scheme w.e.f 2011-12

Course No.	Course Title		chin edul	-		Marks of Clas	Exam	ination	Total Marks	Duration of Exam
		L	Т	P	Total		Theo	Practical		
TC- 302-F	Dyeing of Textiles	3	1	-	4	5	100	.=0	150	3
TT- 304-F	Textile & Garment	3	1	-	4	5	100	-	150	3
FA- 306-F	Garment Production Machines &	3	1		4	5 0	100	-	150	3
FA- 308-F	Knitted Garment Technology	3	1	-	4	5	100	. H b	150	3
FA- 310-F	Apparel Marketing & Merchandising	3	1	-	4	5	100		150	3
TT- 312-F	Structure & Properties of Textiles	3	1		4	5 0	100	1	150	3
-	Practicals									
TC- 314-F	Dyeing & Computer Color	-	-	2	2	5 0	-	50	100	4
TT- 316-F	Textile & Garment	-	-	3	3	5		50	100	4
FA- 318-F	Apparel Design Lab) -	2	2	5 0		50	100	4
FA- 320-F	Apparel Construction Lab- II	-	-	3	3	5 0	-	50	100	4
C Wildester	Total	18	6	10	3	500	600	200	1300	

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12THE TECHNOLOGICAL INSTITUTE

MAHARSHI DAYANAND UNIVERSITY, ROHTAK SCHEME OF STUDIES AND EXAMINATION B.TECH (FASHION & APPAREL ENGG) SEMESTER-VII 'F' Scheme

EFFECTIVE FROM THE SESSION 2012-13

Course No.	Course Title		ching edule			Marks of Class work	Examin	ation	Total Marks	Duration of Exam
		L	Т	P	Total		Theory	Practical		
FA- 401-F	Printing of Textiles	3	1	-	4	50	100	i.e.	150	3
FA- 403-F	Textile and Apparel Costing	3	1		4	50	100	La barne	150	3
FA- 405-F	Automation in Garment Industry	3	1		4	50	100	Į Š	150	3
FA- 407-F	Computer Aided Designing	3	1		4	50	100	19 5	150	3
FA- 409-F	Fashion Selection	3	1		4	50	100		150	3
FA- 411-F	Indian Business Environment	3	1		4	50	100	-	150	3
FA- 413-F	Printing Lab	-		3	3	50		50	100	4
FA- 415-F	Apparel Design by CAD	-	-	3	3	50	-	50	100	4
FA- 417-F	Garment Industry Practice			-		casiku		300	300	4
FA- 418-F	Seminar	1	-	2	2	-				1
FA- 419-F	Project Work (Mid Term Evaluation)	3-31		2	2			100	100	4
	Total	18	6	10	34	400	600	500	1500	

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MAHARSHI DAYANAND UNIVERSITY, ROHTAK SCHEME OF STUDIES AND EXAMINATION B.TECH (FASHION & APPAREL ENGG) SEMESTER-VIII 'F' Scheme

EFFECTIVE FROM THE SESSION 2012-13

Course No.	Course Title		ching edule			Marks of Class work	Exami	nation	Total Marks	Duration of Exam
		L	T	P	Total		Theor	Practical		
FA- 402-F	High Tech Garments	3	1	-	4	50	100	-	150	3
FA- 404-F	Quality Assurance in Apparel Industry	3	1	7	4	50	100	2	150	3
FA- 406-F	Fashion Accessories	3	1	-	4	50	100		150	3
FA- 408-F	Retailing and Fashion Promotion	3	1	-	4	50	100		150	3
FA- 410-F	Chemical & Mechanical Finishing of Textiles	3	1	* ×	4	50	100	-	150	3
FA- 412-F	Advance Apparel Construction Techniques OR Home Fashions	3	1		4	50	100		150	3
FA- 414-F	Apparel Draping & Grading	-	-	3	3	50	-	50	100	4
FA- 416-F	Advance Apparel Construction Lab OR Home Fashions Lab	-	150	3	3	50		50	100	4
FA- 418-F	Seminar	-	-	2	2	200		(40)	200	4
FA- 420-F	Project Work	R-1	-	2	2	100		100	200	4
	Total	18	6	10	34	700	600	200	1500	

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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

SI. No	Course No.	Subject			each ched		E	xaminatio (Ma	on Sched arks)	ule	Duration of Exam
			L	Т	P	Total	Mark s of Class work s	Theory	Practi cal	Total	(Hours)
1	MATH-201-F OR HUM-201-F	Mathematics III Common to (CSE,IT,ME,ECE,BM E,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	i	4	50	100	T.	150	3
3	CSE-203 F	Discrete Structures (CSE,IT)	3	1	Ī	4	50	100	-	150	3
4	EE-217 -F	Digital & Analog Communication (CSE,IT)	3	1	Ī	4	50	100		150	3
5	EE-204-F	Digital Electronics (Common with 4 th Sem. – EE,EL,EI & IC)	3	1	1	4	50	100		150	3
6	HUM-203 F	Fundamental of Management (Common for all branches)	3	1	-	4	50	100	ŀ	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 4 th Sem. – EE,EL,EI & IC)			3	3	50	-	50	100	3
		TOTAL	18	7	8	33	425	600	125	1150	The same

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

SI	Course No.	Subject			nchi nedi		Ex	amination (Mar		le	Duration of Exam
N o.			L	T	P	Total	Marks of Class work	Theory	Pract	Total	(Hours)
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,B ME,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 5 th 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)	-	7	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	6-2	-	50	
		TOTAL	18	6	9	34	450	600	100	1150	West of the Control o

Note:

Students will be allowed to use non-programmable scientific calculator. However, 1) 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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Scheme of studies & Examination Bachelor of Technology (Computer Science & Engineering) Semester - V

'F' Scheme Effective from 2010-11

			To	eachi	ng Sch	edule		Exa <mark>min</mark> ation (Marks)	Schedule		
S. No.	Course No.	Subject	L	T	P	Total	Marks of Class work	Theory	Practic al	Total	Duration of Exam (Hours)
1	CSE-301 F	Principles of Operating System (CSE,IT)	3	1	1-1	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)	-	Ē	3	3	25		25	50	3
8	CSE-311-F	Web Development & Core JAVA Lab. (Common with 6 SemIT)			2	2	25		25	50	3
9	IT-208-F	Multimedia Tech. Lab (Common with IT–IVSem)		1	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			 		<u> </u>
		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.
- 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 tepeat Practical Training.

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

	*		Te	achin	g Scl	iedule		Examination Schedule (Marks)				
S. No.	Course No.	Subject	L	Т	P	Ma of Total (wo		Theory	Practi cal	Total	Duration of Exam (Hours)	
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	1	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	1.	-	2	2	25		25	50	3	
	CSE-312-F	Visual Programming Lab.	-	-	2	2	25		25	50	. 3	
9	GP-302-F	General Proficiency		Ē			50		1123	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.

Director,

THE TECHNOLOGICAL INSTITUTE

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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M.D.UNIVERSITY, ROHTAK Scheme of Studies / Examination Bachelor of Technology (Computer Science & Engineering)

SEMESTER VII 'F' Scheme Effective from 2012-13

S1. No.	Course No.				Feach Sched		Е	xamination (Mar			
1		Advanced Computer	L	Т	P	Total	Marks of Class work	Theory	Practical	Total	Duration o Exam (Hours)
2	CSE-401 F	Architecture Software Project	3	1		4	50	100	-	150	3
3	CSE-403 F	Management (CSE.IT)	3	1	-	4	50	100	-	150	3
4	CSE-407 F	Compiler Design Neural Networks	3	1	-	4	50	100	-	150	3
5	CSE-409 F	Advanced Java	3	1	-	4	50	100	-	150	3
5		(CSE, IT)	3	1	-	4	50	100	-	150	3
	CSE-411 F	Elective	3	1	-	4	50	100	-	150	3
	CSE-413 F	Compiler Design Lab	-	-	2	2	25	-	50	75	3
	COL 4131	Neural Networks Using MATLAB	-	-	2	2	25	-	50	75	3
	CSE-415 F	Advanced JAVA Lab (CSE, IT)	-	-	3	3	50		100	150	3
0	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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THE TECHNOLOGICAL INSTITUTE

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

'F' Scheme effective from 2010-11

					achi		E		n Schedule	311	
SI. N o	Course No.	Subject	L	T	P	Total	Marks of Class work	(Ma	Practical	Tota 1	Duration of Exam (Hours)
ĺ	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	-1 -	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	's mile	150	3
5	EE-204-F	Digital Electronics (CSE, IT & common with IV Sem. EL,EE,EI, IC)	3	1	1	4	50	100	-	150	3
6	HUM-203	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 4 th Sem EL,EE,EI, IC)	-	7	3	3	50	-	50	100	3
		TOTAL	18	7	9	33	425	600	125	1150	

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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

					ach			Examinatio			
SI. No	Course No.	Subject	L	T	hed P	Tota	Marks of class work	(Ma Theory	Practical	Tota 1	Duration of Exam (Hours)
1	CSE-202 F	Data Base Management Systems (CSE,IT)	3	1	-	4	50	100	- 1	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	y s	150	3
3	CSE-208 F	Internet Fundamentals (CSE,IT)	3	1	-	4	50	100	0=0	150	3
4	IT-202 F	Object Oriented Programming using C++ (CSE,IT)	3	1	=	4	50	100	61 <u>12</u> 700	150	3
5	CSE-210 F	Computer Architecture & Organization (CSE, IT and common with V-sem. EL,EI,IC)	3	1		4	50	100	-	150	3
6	IT-204 F	Multimedia Technologies (Common with CSE – V Sem.)	3	1	-	4	50	100	1-1-	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)	-	8-1	2	2	25		25	50	3
11	GP-202 F .	General Proficiency	-	-	2	2	50		-	50	3
F (I		TOTAL	18	6	9	35	450	600	100	1150	<u>-</u>

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1. Students will be allowed to use non-programmable scientific calculator. However, sharing of

Calculator will not be permitted in the examination.

2. Each student has to undergo practical training of 6 weeks during summer vacation and its evaluation shall be carried out in the V semester

Director,

M.D. UNIVERSITY, ROHTAK

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

			T	eachin	g Sche	dule		Examinatio (Marks)			Duration
S No	Course No.	Subject	L	Т	P	Total	Marks of Class work	Theory	Practical	Total	of Exam (Hours)
1	IT-301-F	Rapid Application Development	3	1		4	50	100	W -	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	-,- 1	150	3
4	CSE-301-F	Principles of Operating System (CSE,IT)	3	1		4	50	100	3 2 7	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)	1		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)	i	-	2	2	25	-	25	50	3
11	IT-309-F	Practical Training-I			2	2		-		- 1	
		TOTAL	18	6	11	35	425	600	125	1150	11

Note:

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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.

Director,

M.D. UNIVERSITY, ROHTAK

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

			Tea	chin	g Scl	nedule		Examination	Schedule		Duratio
S. No.	Course No.	Subject	L	Т	P	Total	Marks of Class work	Theory	Practical	Total	n of Exam (Hours)
	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	en en	150	3
6	MATHE-302-F	Operations Research (Commom with CSE 8th Semester)	3	1	-	4	50	100	-	150	3
7	IT-304 F	Network Programming Lab. (EL,IT, AEI)	-8	-	2	2	50	-	50	100	3
8	CSE-306 F	Intelligent Systems Lab. (CSE,IT)	12	-	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
	GPIT-302 F	General Proficiency	-	-	-		50	-	-	50	
11	GF11-302 t	TOTAL	8	6	7	31	425	600	75	1150	-

Note:

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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.

Director,

M.D.UNIVERSITY, ROHTAK

Scheme of Studies & Examination **Bachelor of Technology (Information Technology)** SEMESTER VII

'F' Scheme effective from 2012-13

CI			Tea	chin	g Scl	nedule		Examination (Mark	Schedule s)		Duration of Exam
SI. N o	Course No.	Subject	L	Т	Р	Total	Marks of Class work	Theory	Practi cal	Total	
l	1T-401 F	Data Warehousing & Data Mining	3	1	-	4	50	100	-	150	3
2	CSE-403F	Software Project Management (CSE,IT)	3	l	-	4	50	100	•	150	
3	1T-403 F	System & Network Administration	3	I	-	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
5	C3E-409F	DEPTT ELECTIVE	3	i	-	4	50	100	- (0)	150	3
7	IT-409 F	System & Network	-	-	2	2	25	-	50	75	3
		Administration Lab.	-		2	2	25	-	50	75	3
8	1T-411 F	Web Engineering Lab.	-	-	3	3	50	-	100	150	3
9		Advanced JAVA Lab	-	-	-	-	-	-	-	-	-
10	IT-415 F	Practical Training-II TOTAL	18	6	7	31	400	600	200	1200	

	101	
	List of Deptt Electives	
1	IT-421 F	Embedded Systems Design
2	IT-471 F	Management Information Systems
4	IT-407 F	Web Engineering
4		Distributed Operating System
5	CSE-423 F	Network Security & Management
6	1T-465F	Digital Image Processing
7	CSE-425 F	Advanced Database Management Systems
8	CSE-435 F	Natural Language Processing
9	CSE-437F	Natural Language Flocessing
10	CSE-439 F	Object Oriented System Development
	IT-467 F	Computer Software Testing
11	IT-469 F	Logic & Functional Programming
12	CSE-441 F	Human Computer Interaction
13		High Speed Networks
14	1T-473 F	Introduction to E-Commerce & ERP
15	IT-405 F	

- Students will be allowed to use non-programmable scientific calculator. However, sharing of Note: 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, 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 Fraining.

COORDINATOR

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:

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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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MAHRASHSI DAYANAND UNIVERSITY, ROHTAK SCHEME OF STUDIES & EXAMINATIONS B.Tech 2nd YEAR MECHANICAL ENGINEERING, 3rd SEMESTER

Proposed 'F' Scheme w.e.f 2010-11

Course	Course Title	T	`eachi	ng Scl	hedule	Marks for class work		ks for ination	Total Marks	Duration of Exam
		L	T	P	Total		Theory	Practical		
MAT-201-F or	Mathematics-III or Engineering	or	2 or	-	5 or	50	100		150	3
HUM-201-F	Economics	3	1	-	4					
HUM-203-F	Fundamentals of Management	3	1		4	50	100		150	3
ME-201-F	Thermodynamics	3	1	-	4	50	100	-	150	3
ME-203-F	Computer Aided Design	3	1		4	50	100	L U± DYS	150	3
ME-205-F	Engineering Mechanics	3	1	-	4	50	100		150	3
ME-207-F	Material Science	3	1	-	4	50	100		150	3
ME-209-F	Machine Drawing	1	Į-	3	4	50		50	100	4
ME-211-F	Computer Aided Design Lab			2	2	25		25	50	3
ME-213-F	Engineering Mechanics Lab		-	2	2	25		25	50	3
ME-215-F	Materials Science Lab			2	2	25		25	50	3
	Total	19	6	10	34/35	425	600	125	1150	

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OF TEXTILE & SCIENCES, BHIWANI

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MAHARSHI DAYANAND UNIVERSITY, ROHTAK SCHEME OF STUDIES & EXAMINATIONS B.Tech 2nd YEAR MECHANICAL ENGINEERING, 4th SEMESTER

Proposed 'F' Scheme w.e.f 2010-11

Course	Course Title	Tea	aching	Sche	edule	Marks for class work	MAN TO STATE OF THE PARTY OF TH	ks for ination	Total Marks	Duration n of Exam
		L	T.	P	Total		Theory	Practical		
MAT-201-F	Mathematics-III	3	2	-	5	50	100	-	150	3
or	or	or	or		or					
HUM-201-F	Engineering	3	1		4					
	Economics									
ME-202-F	Manufacturing	3	1	-	4	50	100	Mile-	150	3
	Technology-I									
ME-204-F	Kinematics of	- 3	1	-	4	50	100	-	150	3
	Machine				331					
ME-206-F	Strength of	3	1	0-	4	50	100	717-	150	3
	Materials-I		1 0							
ME-208-F	Fluid Mechanics	3	1	-	4	50	100		150	3
ME-210-F	Steam & Power	3	1	-	4	50	100	le in	150	3
	Generation				441					
ME-212-F	Kinematics of		-	2	2	25		25	50	3
	Machine Lab			14					1 7	
ME-214-F	Strength of		(-	2	2	25	-	25	50	3
	Materials Lab									
ME-216-F	Fluid Mechanics		-	2	2	25	-	25	50	3
	Lab			R						
ME-218-F	Steam & Power	- 1	-	2	2	25	-	25	50	3
	Generation Lab									
GP-202-F	General Proficiency		-	2	2	50			50	A rt s
	Total	18	6	9	34/35	450	600	100	1150	3

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MAHARSHI DAYANAND UNIVERSITY, ROHTAK SCHEME OF STUDIES & EXAMINATIONS B.Tech. 3rd YEAR MECHANICAL ENGINEERING, SEMESTER- V Proposed "F" Scheme effective from 2011-12

Course	Course Title	Те	achin	g schee	lule	Marks For class work	Marks for Examination		Total Marks	Duratio n of Exam
		L	T	P	Total		Theory	Practic al		
ME-301-F	Dynamics Of Machines	3	1	-	4	50	100		150	3
ME-303-F	Mechanical Machine Design-1	3	2		5	50	100	i se	150	4
ME-305-F	Fluid Machine	3	1	-	4	50	100	10	150	3
ME-307-F	Internal Combustion Engines & Gas Turbines	3	1	1	4	50	100	-	150	3
ME-309-F	Manufacturing Technology –II	3	1	E H	4	50	100	-	150	3
ME-311-F	Applied Numerical Technique & Computing	3	Ē	7	3	50	100	-	150	3
ME-313-F	Dynamics Of Mechanics Lab	- 7	-	2	2	25	-311	25	50	3
ME-315-F	Fluid Machine Lab	-	1- 1	2	2	25	- 11	25	50	3
ME-317-F	Internal Combustion Engines & Gas Turbines Lab			2	2	25	1-1	25	50	3
ME-319-F	Manufacturing Technology –II Lab	7	-	2	2	25		25	50	3
ME-321-F	Applied Numerical Technique & Computing Lab			2	2	50			50	-
ME-323-F	Practical Training Viva-Voce	-	-	2	2		-		1 -	-
Telef 76	Total	18	6	12	36	450	600	100	1150	

Note:

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- 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.

Director,

MAHARSHI DAYANAND UNIVERSITY, ROHTAK SCHEME OF STUDIES & EXAMINATIONS B.Tech. 3rd YEAR MECHANICAL ENGINEERING, SEMESTER- VI

Proposed "F" Scheme effective from 2011-12

			rrop	osed .	r Sch	eme effec				
Course	Course Title	Те	achir	g sch	edule	Marks For class work	Marks for Examination		Total Marks	Duration of Exam
		L	Т	P	Total		Theory	Practi cal		
ME-302-F	Automobile Engineering	3	1	-	4	50	100	-	150	3
ME-304-F	Mechanical Machine Design-II	3	2	-	5	50	100	-	150	- 4
ME-306-F	Heat Transfer	3	1	e+1	4	50	100	-	150	3
ME-308-F	Automatic Control	3	1	-	4	50	100	Fig.	150	3
ME-310-F	Measurement & instrumentation	3	1	-	4	50	100	-	150	3
ME-312-F	Industrial Engineering	3	1		4	50	100	-	150	3
ME-314-F	Automobile Engineering Lab	-	-	2	2	25	-	25	50	3
ME-316-F	Heat Transfer Lab	- 0	-	2	2	25	-	25	25	3
ME-318-F	Measurement & instrumentation Lab	1 2		2	2	25		25	25	3
ME-320-F	General Proficiency	-	-	2	2	50	1	8	50	-
	Total	18	7	8	33	450	600	100	1050	

NOTE:

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

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MAHARSHI DAYANAND UNIVERSITY, ROHTAK SCHEME OF STUDIES & EXAMINATIONS B.Tech. 4th YEAR MECHANICAL ENGINEERING, SEMESTER- VII (Scheme-F)

EFFECTIVE FROM THE SESSION 2012-13

Course	Course Title	Tea	ching	schedi	ule	Marks For class		ks for ination	Total Marks	Duration of Exam
		L	T	P	Total	work	Theory	Practical		
ME-401-F	Strength of Material-II	3	1	1-0	4	50	100		150	3
ME-403-F	Refrigeration & Air- Conditioning	3	1	7 (III)	4	50	100		150	3
ME-405-F	Operation Research	3	1	-	4	50	100		150	3
ME-407-F	Power Plant Engineering	3	1	D=41	4	50	100	aliz-ige	150	3
ME-409-F	Mechanical Vibration	3	1	-	4	50	100		150	3
	Elective	3	1	-	4	50	100	-	150	3
ME-411-F	Refrigeration & Air- Conditioning Lab	H		2	2	50		50	100	3
ME-413-F	Advanced CAD/CAM Lab	0-35	-1	2	2	50	-1)	100	150	3
ME-415-F	Practical Training-II		-	2	2				-1-	-
GFME- 435-F	General Fitness for the Profession	1-1	37	10-				50	50	3
	Total	18	6	6	30	400	600	200	1200	

LIST OF ELECTIVES

S.NO.	SUBJECT CODE	DEPTT. ELECTIVE
1.	ME-417-F	QUALITY ENGINEERING
2.	ME 419-F	FINITE ELEMENT METHODS
3.	ME-421-F	ENERGY MANAGEMENT PRINCIPLES
4.	ME- 425-F	COMPUTER INTEGRATED MANUFACTURING
5.	ME- 429-F	RELIABILITY ENGINEERING
6.	ME-431-F	SOLAR ENERGY ENGINEERING

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MAHARSHI DAYANAND UNIVERSITY, ROHTAK SCHEME OF STUDIES & EXAMINATIONS B.Tech. 4th YEAR MECHANICAL ENGINEERING, SEMESTER- VIII (Scheme-F)

EFFECTIVE FROM THE SESSION 2012-13

CI No	Course No.	Subject	Internal Marks	External Marks	Total Marks
	Course No. ME- 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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Director,

M.D UNIVERSITY SCHEME OF STUDIES AND EXAMINATION B.Tech II YEAR (ELECTRONICS & COMMUNICATION ENGINEERING) SEMESTER III

'F' Scheme effective from 2010-1

		-				e from 201				
Sr No	Course Title	Tea	achin	g Sch	edule	Marks	Examin	ation	Total	Duration
		L	T	P	Total	of Class Work	Theory	Practical	Marks	of Exam
HUM-201-F OR MATH-201-F	ENGG. ECONOMICS OR	3	1		4	50	100		150	3
	MATHEMATICS - III	3	2	-	5					
HUM-203-F	FUNDAMENTALS OF MANAGEMENT (COMMON FOR ALL BRANCHES)	3	1		4	50	100		150	3
EE-201-F	ELECTRONICS DEVICES & CIRCUITS(ECE,EI,EE,EEE,IC)	3	1	2	4	50	100		150	3
EE-203-F	NETWORK THEORY (ECE,EI,EE,EEE,IC)	3	,1	Ā	4	50	100		150	3
EE-205-F	ELECTROMECHANICAL ENERGY CONVERSION(ECE,EI,IC)	3	1		4	50	100		150	3
CSE-201-F	DATA STRUCTURE USING 'C' (ECE,EI,CSE,IT)	3	1	5 11	4	50	100		150	3
EE-221-F	ELECTRONIC WORKSHOP, PCB DESIGN & CIRCUIT LAB(ECE,EI)		-	2	2	25		25	50	3
EE-223-F	NETWORK THEORY LAB(ECE,EI,EE,EEE,IC)	-		2	2	25		25	50	3
EE-225-F	ELETRICAL WORKSHOP & MACHINE LAB (ECE,EI)	-	-	3	3	50	- 2	50	100	3
CSE-205-F	DATA STRUCTURE USING 'C' Lab (ECE,EI,CSE,IT)		10	2	2	25	-	25	50	3
	TOTAL	18	7	9	33 Or 34	425 .	600	125	1150	P 100

NOTE:

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 Students will be allowed to use non-programmable scientific calculator. However, Sharing of Calculator and other material will not be permitted in the examination.

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M.D UNIVERSITY SCHEME OF STUDIES AND EXAMINATION BE. II YEAR (ELECTRONICS & COMMUNICATION ENGINEERING) SEMESTER – IV

'F' Scheme effective from 2010-1

Course No.	Course Title		ching			from 201 Marks	Examin	ation	Total	Duration
	Company of the	L	T	P	Tota 1	of Class Work	Theory	Practical	Marks	of Exam
HUM-201-F OR	ENGG. ECONOMICS OR	3	1	-	4	50	100	=	150	3
MATH- 201-F	MATHEMATICS - III	3	2 ·	-	5					
EE-228-F	SIGNALS & SYSTEMS(ECE,EI)	3			3	50	100	78	150	3
EE-202-F	ANALOG ELECTRONICS (ECE,EI,EE,EEE,IC)	3	1	-	4	50	100	- 1.	150	3
EE-204-F	DIGITAL ELECTRONICS (ECE,EI,EE,EEE,IC)	3	1	-	4	50	100	- 17	150	3
EE-206-F	COMMUNICATION SYSTEMS(ECE)	3	1	-	4	50	100	-	150	3
EE-208-F	ELECTRO MAGNETIC THEORY (ECE,EI,EE,EEE,IC)	3	1	-	4	50	100	-	150	3
EE-222-F	ANALOG ELECTRONICS LAB(ECE,EI,EE,EEE,IC)		-	2	2	25		25	50	3
EE-224-F	DIGITAL ELECTRONICS LAB(ECE,EI,EE,EEE,IC)			2	2	25		25	50	3
EE-226-F	COMMUNICATION SYSTEMS LAB (ECE)	-	1.72	2	2	25		25	50	3
MATH-204 F	NUMERICAL METHODS OF COMPUTATIONAL PROGRAMMING LAB(ECE,EI,EE,EEE,IC)	1	1	2	4	25		25	50	3
GP-202-F	GENERAL PROFICIENCY (COMMON FOR ALL BRANCHES)			2	2	50		•	50	3
	TOTAL	19	6 Or 7	10	35 Or 36	450	600	100	1150	

Note:

 Students will be allowed to use non-programmable scientific calculator. However, sharing of Calculator and other materials will not be permitted in the examination.

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2.Each student has to undergo practical training of 6 weeks during summer vacation and its evaluation shall be carried out in the V semester.

Director,

M.D UNIVERSITY SCHEME OF STUDIES AND EXAMINATION BTech. III YEAR (ELECTRONICS & COMMUNICATION ENGINEERING) SEMESTER V

Modified 'F' Scheme effective from 2011-12

		ified 'F	" Sc	heme	effective	from 2011	1-12			
Course No.	Course Title	To	each	ing So	chedule	Marks	Exan	nination	Total	Duration
		L	Т	P	Total	of Class Work	Theory	Practical	Marks	of Exam
EE-301-F	COMMUNICATION Engg.	3	1	-	4	50	100	The second	150	3
EE-303-F	ELECTRONIC MEASUREMENT & INSTRUMENTATION (EL,EI,IC,EE,EEE,AEI)	3	1		4	50	100		150	3
EE-305-F	ANALOG ELECTRONIC CIRCUITS (EL,EI,IC,EE,EEE,AEI)	3	1	- 3	4	50	100		150	3
EE-307-F	ANTENNAS, WAVE PROPAGATION& TV Engg.	3	1		4	50	100		150	3
CSE-210- F	COMPUTER ARCHITECTURE AND ORGANISATION (EL,EI,IC,Common with IV sem. CSE,IT)	3	1		4	50	100	•	150	3
EE-309-F	MICROPROCESSORS AND INTERFACING (EL,EI,IC,CSE,IT,EEE,AEI)	3	1		4	50	100	e Buodial' 1	150	3
EE-323-F	ELECTRONIC MEASUREMENT & INSTRUMENTATION LAB (EL,EI,IC,EE)			2	2	25		25	50	3
EE-325-F	ANALOG ELECTRONIC CIRCUITS LAB (EL,EI,IC)		-	2	2	25		25	50	3
EE-329-F	MICROPROCESSORS AND INTERFACING LAB (EL,EI,IC,CSE,IT,EEE,AEI)			2	2	25		25	50	3
EE-335-F	PRACTICAL TRAINING		-	2	2					
GPECE30 1-F	GERNERAL, PROFICIENCY					50			50	3
	TOTAL	18	6	8	32	425	600	75	1100	14.1

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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* BHIWANI

Director,

M.D UNIVERSITY, ROHTAK SCHEME OF STUDIES AND EXAMINATION B.Tech. III YEAR (ELECTRONICS & COMMUNICATION ENGINEERING) SEMESTER - VI

A Market No.

Madicial	CHRS	CI	00	12	MINERAL PROPERTY.
Modified		Scheme	ettective	from	2011 12

Course	Course Title					e from 20	-			
No.	Course Title				chedule	Marks	Exan	nination	Total	Duration
		L	T	P	Total	of Class Work	Theory	Practical	Marks	of Exam
EE-302-F	MICROWAVE AND RADAR ENGINEERING	3	1	-	4	50	100		150	3
EE-304 F	CONTROL SYTEMS ENGG. (EL,EE, EEE)	3	1	-	4	50	100	-	150	3
EE-306-F	VLSI Design	3	1	-	4	50	100	_	150	3
IT-305-F	COMPUTER NETWORKS	3	1	-	4	50	100		150	3
EE-310-F	DIGITAL SYSTEM DESIGN (EL,EI, IC,EE,CSE, AEI)	3	1	-	4	50	100	1 - 10	150	3
EE-308-F	MICROCONTROLLER & EMBEDDED SYSTEM	3	1	-	4	50	100		150	3
EE-328- F	MICROCONTROLLER & EMBEDDED SYSTEM LAB		-	2	2	25	-	25	50	3
EE-326- F	DIGITAL SYSTEM DESIGN LAB (EL,EI, IC,EE,CSE, AEI)			2	2	25		25	50	3
EE-322- F	MICROWAVE AND RADAR LAB		-	2	2	25	11	25	50	3
EE-324- F	CONTROL SYTEMS ENGG. LAB (EL,EE, EEE,AEI)		-	2	2	25		25	50	. 3
7 00	TOTAL	18	6	8	32	400	600	100	1100	

NOTE:

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

2. Each student has to undergo practical training of 6 weeks during summer vacation and its evaluation shall be carried out in the VII semester.

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Director,

THE TECHNOLOGICAL INSTITUTE

OFTEXTILE & SCIENCES, BHIWANI

Scheme of studies & Examination B. Tech. (Electronics and Communication Engg.)

SEMESTER VIII

F'Scheme Effective from 2012-2013

Training of Six Months

Course No.	Course Title	Te	achin	g Sch	edule	Marks	Examination		Total	Duration
Course No.	Course the	L	Т	Р	Total	of Class Work	Theory P	actical	Marks	of Exam
ECE-402-F	Industrial Training /Institutional Project work	-	-	8	8	150		150	300	-
	Total			8	8					

Note:

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BHIWANI

- 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 student who wish to undergo industrial training, the industry chosen for should be a private limited company. The final Viva-voca of the industrial training or Institutional Project work will be conducted by the
- external examiner and one internal examiner appointed by the institute. External examiner will be from penal of examiner.
 - Assessment of traing or project will be based on Seminar, viva-voca, report and certificate of Industrial Training or Institutional project work.
- The internal marks distribution for 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 present institute.
- The teacher engaged for institutional project work shall have a workload of 2 hours per group (at least 4 students per work)

Director,

Scheme of studies & Examination B. Tech. (Electronics and Communication Engg.)

SEMESTER VII

F'Scheme Effective from 2012-2013

Course No.	Course Title	Те	achin	g Sche	dule	Marks	Examir		Total	Duration
Course No.	Course Title	L	T	P	Total	of	Theory	Practical	Marks	of Exam
						Class Work				
ECE-405-F	WIRELESS COMMUNICATION	3	1	-	4	50	100		150	3
ECE-403-F	SATELITE COMMUNICATION	3	1		4	50	100		150	3
	ENGINEERING						100		150	3
ECE-407-F	DATA COMMUNICATION	3	1	3.44	4	50	100	-	150 150	3
ECE-415-F	OPTICAL COMMUNICATION SYSTEMS	3	1	418	4	50	100		130	
	*Dept Elective-I	3	1		4	50	100		150	. 3
ECE-409-F	Digital Signal Processing	3	1		4	50	100		150	3
ECE-423-F	Wireless & Satellite Communication Lab			3	3	50	-65	50	100	3
	Digital Signal Processing Lab			2	2	25		25	50	3
ECE-427-F				2 3	2	50		50	100	3
ECE-429-F	Data Communication			3						8.7
	Lab									
GFEE-401-F	General Fitness For The		-	-			m = 15 - m	50	50	3
ECE-404-F	Practical Training II									
	TOTAL	18	6	8	32	425	600	175	1200	

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M.D UNIVERSITY SCHEME OF STUDIES AND EXAMINATION B.Tech II YEAR (ELECTRONICS & INSTRUMENTATION ENGINEERING) SEMESTER III

'F' Scheme effective from 2010-11

Course No.	Course Title	Tea	chin	g Sch	edule	Marks	Examina	ation	Total	Duration
		L	Т	P	Total	of Class Work	Theory	Practica 1	Marks	of Exam
HUM-201-F OR MATH-201- F	ENGG, ECONOMICS OR MATHEMATICS - III	3	2		5	50	100		150	3
HUM-203-F	FUNDAMENTALS OF MANAGEMENT (COMMON FOR ALL BRANCHES)	3	1	-	4	50	100	- P	150	3
EE-201-F	ELECTRONICS DEVICES & CIRCUITS(ECE,EI,EE,EEE,IC)	3	1	-	4	50	100	10 15 18	150	3
EE-203-F	NETWORK THEORY (ECE,EI,EE,EEE,IC)	3	1	1	4	50	100	-	150	3
EE-205-F	ELECTROMECHANICAL ENERGY CONVERSION (ECE,EI,IC)	3	1	-	4	50	100		150	3
CSE-201-F	DATA STRUCTURE USING 'C' (ECE,EI,CSE,IT)	3	1	1	4	50	100	-	150	3
EE-221-F	ELECTRONIC WORKSHOP, PCB DESIGN & CIRCUIT LAB(ECE,EI)	-	-	2	2	25		25	50	3
EE-223-F	NETWORK THEORY LAB (ECE,EI,EE,EEE,IC)	•	1.5	2	2	25	-	25	50	3
EE-225-F	ELETRICAL WORKSHOP & MACHINE LAB (ECE,EI)		-	3	3	50	-	50	100	3
CSE-205-F	DATA STRUCTURE USING 'C' Lab (ECE,EI,CSE,IT)		-	2	2	25	-	25	50	3
	TOTAL	18	7	9	33 Or 34	425	600	125	1150	

NOTE:

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

Director,

M.D UNIVERSITY SCHEME OF STUDIES AND EXAMINATION BE. II YEAR (ELECTRONICS & INSTRUMENTATION ENGINEERING) SEMESTER – IV

Modified 'F' Scheme effective from 2009-10

Course No.	Course Title	Teach	ing So	chedu	le	Marks	Examinat		Total	Duratio
Course No.	Course Title	L	T	P	Tota 1	of Class Work	Theory	Practical	Marks	Exam
HUM-201-	ENGG. ECONOMICS	3	1	-	4	50	100	-	150	3
F	OR		100	PO		B1 25 F	No.	DETRONG DESCRIPTION	1	
OR MATH- 201-F	MATHEMATICS - III	3	2	-	5					2
EEE 228-F	SIGNALS & SYSTEMS(ECE,EI)	3	-		3	50	100		150	3
EE-202-F	ANALOG ELECTRONICS(ECE,EI,EE, EEE,IC)	3	1		4	50	100	1 μC	150	3
EE-204-F	DIGITAL ELECTRONICS(ECE,EI,EE, EEE,IC)	3	1		4	50	100	<u> </u>	150	3
EI-210-F	ELECTRONICS MEASUREMENT & MEASURING INSTRUMENTS (EI)	3	1	-	4	50	100	Mega,	150	3
EE-208-F	ELECTRO MAGNETIC THEORY	3	1		4	50	100	nighter	150	3
EE-222-F	(ECE,EI,EE,EEE,IC) ANALOG ELECTRONICS	- >-	3-	2	2	25		25	50	3
EE-224-F	LAB(ECE,EI,EE,EEE,IC) DIGITAL ELECTRONICS LAB(ECE,EI,EE,EEE,IC)	-	-	2	2	25		25	50	3
EI-202-F	ELECTRONICS MEASUREMENT & MEASURING INSTRUMENTS LAB (EI)	-	-	2	2	25		25	50	3
MATH- 204 –F	NUMERICAL METHODS OF COMPUTATIONAL PROGRAMMING LAB(ECE,EI,EE,EEE,IC)	1	1	2	4	25		25	50	3
GP-202-F	GENERAL PROFICIENCY (COMMON FOR ALL	-	Ē	2	2	50			50	3
	TOTAL	19	6 0r	10	35 Or 36	450	600	100	1150	

Note:

2.

Students will be allowed to use non-programmable scientific calculator. However, sharing of Calculator and other materials 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.

IQAC COORDINATOR SO

M.D UNIVERSITY SCHEME OF STUDIES AND EXAMINATION B.Tech. III YEAR (ELECTRONICS & INSTRUMENTATION ENGINEERING) SEMESTER V

'F' Scheme effective from 2011-12

Course No.	Course Title		chin edu		HI ER	Marks of	Examination		Total Marks	Duration of Exam	
		L	T	P	Tota 1	Class Work	Theory	Practical			
EI-301-F	ANALOG ELECTRONICS-II	3	1	6- II	4	50	100	-	150	3	
EI-303-F	ADVANCED MEASUREMENT & MEASURING INSTRUMENTS	3	1	-	4	50	100	Ţ	150	3	
EI-305-F	CONTROL ENGINEERING	3	1	-	4	50	100	- O	150	3	
EE-307-F	ANTENNAS, WAVE PROPAGATION & TV ENGG. (EI,ECE)	3	1	-	4	50	100		150	3	
EE-309-F	MICROPROCESSORS AND INTERFACING (EL,EI,IC,CSE,IT,EEE,AEI)	3	1	- 1	4	50	100	d)	150	3	
EI-311-F	RANDOM VARIABLES & STOCHASTIC PROCESSES	3	1	- 1	4	50	100	2	150	3	
EI-321-F	CONTROL ENGINEERING LAB	2	-	2	2	25	- 4-16	25	50	3	
EI-325-F	ANALOG ELECTRONICS-II LAB	=	-	2	2	25		25	50	3	
EE-329-F	MICROPROCESSORS AND INTERFACING LAB (EL,EI,IC,CSE,IT,EEE,AEI)		•	2	2	25		25	50	3	
EI-323-F	PROGRAMMING WITH MATLAB			2	2	25	-	25	50	3	
EE-335-F	PRACTICAL TRAINING-I		-	2	2		-				
	TOTAL	18	6	10	34	400	600	100	1100		

Note:

1) Students will be allowed to use non-programmable scientific calculator. However, sharing of calculator will not be permitted in the examination.

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.

TITUTE OF

IQAC COORDINATOR Director,

M.D. UNIVERSITY, ROHTAK SCHEME OF STUDIES & EXAMINATION

B.Tech. III YEAR (ELECTRONICS & INSTRUMENTATION ENGINEERING)

SEMESTER - VI

'F' Scheme effective from 2012-13

Course	Course Title	Tea	chin	g Scl	nedule	Marks	Exan	nination	Total	Duration
No.		L	T	P	Total	of Class Work	Theory	Practical	Mark s	of Exam
EI-302-F	INDUSTRIAL ELECTRONICS	3	1	-	4	50	100		150	3
EI-304-F	COMMUNICATION CIRCUIT & SYSTEMS	3	1	-	4	50	100		150	3
EE-312- F	MICROCONTROLLER S & EMBEDDED SYSTEMS (COMMON WITH ECE)	3	1	ia k	4	50	100		150	3
IT-305-F	COMPUTER NETWORKS (EI,ECE, CSE, IT)	3	1	-	4	50	100		150	3
EE-310- F	DIGITAL SYSTEM DESIGN (IC,EE,EEE,ECE,CSE,)	3	1	-	4	50	100	2.	150	3
CSE- 210-F	COMPUTER ARCHITECTURE & ORGANIZATION (common with 4th sem CSE)	3	1		4	50	100	74-58E	150	3
EI-326-F	COMMUNICAION CIRCUITS & SYSTEMS LAB			2	2	25		25	50	3
EE-330- F	DIGITAL SYSTEM DESIGN LAB (IC,EE,EEE,ECE,CSE,)		-	2	2	25		25	50	3
CSE- 310-F	COMPUTER NETWORKS LAB		Ī.	2	2	25		25	50	3
EI-324-F	CIRCUIT SIMULATION & PCB DESIGN LAB			2	2	25		25	50	
- W	TOTAL	18	6	8	32	400	600	100	1100	

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

2. Each student has to undergo practical training of 6 weeks during summer vacation and its evaluation

shall be carried out in the VII semester.

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Scheme of studies & Examination B. Tech. (Electronics and Communication Engg.)

SEMESTER VII

F 'Scheme Effective from 2012–2013

		Tr.		- Caka	dulo	Marks	Examin	ation	Total	Duration
Course No.	Course Title	L	T	g Sche P	Total	of	Theory	Practical	Marks	of Exam
						Class				
						Work				
ECE-405-F	WIRELESS COMMUNICATION	3	1		4	50	100		150	3
						50	100		150	3
ECE-403-F	SATELITE COMMUNICATION	3	1		4	50	100		150	3
	ENGINEERING									
ECE-407-F	DATA COMMUNICATION	3	1		4	50	100	-	150	3
ECE-415-F	OPTICAL COMMUNICATION	3	1	-1	4	50	100		150	3
	SYSTEMS									
	*Dept Elective-I	3	1	4	4	50	100	The state of	150	3
ECE-409-F	Digital Signal Processing	3	1		4	50	100	7.5	150	3
ECE-423-F	Wireless & Satellite			3	3	50	-	50	100	3
	Communication Lab									
ECE-427-F	Digital Signal Processing Lab	2 - 1	-	2 3	2 3	25		25	50	3
ECE-429-F	Data Communication	-	-	3	3	50		50	100	3
	Lab									
OPER AND E	General Fitness For The						o=	50	50	3
GFEE-401-F	Profession									
ECE-404-F	Practical Training II									
ECE-404-1	Hadded Haming H									
	TOTAL	18	6	8	32	425	600	175	1200	
		1000		13						

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Scheme of studies & Examination B. Tech. (Electronics and Communication Engg.)

SEMESTER VIII

F'Scheme Effective from 2012-2013

Training of Six Months

Course No.	Course Title	Te	eachir	g Sch	edule	Marks	Examin		Total	Duration
course 110.		L	T	P	Total	of Class Work	Theory Pi	actical	Marks	of Exam
ECE-402-F	Industrial Training /Institutional Project work		-	8	8	150	-	150	300	-
	Total			8	8					
							C. Halle Jose	Land Land		

Note:

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- 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 student who wish to
 undergo industrial training, the industry chosen for should be a private limited company.
 The final Viva-voca of the industrial training or Institutional Project work will be conducted by the
- 2. external examiner and one internal examiner appointed by the institute. External examiner will be from penal of examiner.
 - Assessment of traing or project will be based on Seminar, viva-voca, report and certificate of Industrial Training or Institutional project work.
- 3. The internal marks distribution for 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 present institute.
- 4. The teacher engaged for institutional project work shall have a workload of 2 hours per group (at least 4 students per work)

Director,

MAHARSHI DAYANAND UNIVERSITY, ROHTAK SCHEME OF STUDIES & EXAMINATIONS B. Tech FINAL YEAR TEXTILE TECHNOLOGY (TT) 7th SEMESTER

'F' Scheme w.e.f 2012-13

Course No.	Course Title			achi nedu		Marks of Class work	Exam	ination	Total Marks	Duration of Exam
		L	T	P	Total		Theory	Practical		
TT-401-F	High Performance Fibres	3	1	-	4	50	100		150	3
TT-403-F	Multifibre Spinning	3	1	-	.4	50	100	-	150	3
TT-405-F	Waste Management & Pollution Control OR Production Planning & Quality Management	3	1	-	4	50	100	-	150	3
TT-407-F	Engineering of Textile Structures-I	3	1	-	4	50	100		150	3
TT-409-F	Textile Costing	3	1	-	4	50	100	-	150	3
HUM- 411-F	Finance, Material and Human Resource Management	3	1	-	4	50	100	-	150	3
TT-413-F	Spinning Practical – V	Ŀ		3	3	50	-	50	100	4
TT-415-F	Weaving Practical – V	-	-	3	3	50		50	100	4
TT-417-F	Mill Practice	-	-	72		100	-	200	300	4
TT-418-F	Seminar	-	-	2	2		-	-	-	-
TT-419-F	Project Work (Mid Term Evaluation)	-	-	2	2	100	-		100	Viva
1	Total	18	6	10	34	600	600	300	1500	

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Director,

MAHARSHI DAYANAND UNIVERSITY, ROHTAK SCHEME OF STUDIES & EXAMINATIONS B. Tech FINAL YEAR TEXTILE TECHNOLOGY (TT) 8th SEMESTER

'F' Scheme w.e.f 2012-13

Course No.	Course Title			ach hed		Marks of Class work	Exam	ination	Total Marks	Duration of Exam
		L	T	P	Total		Theory	Practical		
TT-402-F	Post Extrusion Operations	3	1	-	4	50	100	-	150	3
TT-404-F	Spinning Technology	3	1	-	4	50	100	-	150	3
TT-406-F	Complex Textiles	3	1	-	4	50	100	-	150	3
TT-408-F	Engineering of Textile Structures-II	3	1	-	4	50	100	-	150	3
TT-410-F	Technical Textiles OR Global Scenario of Textile Industry	3	1	-	4	50	100	-	150	3
CSE-412-F	Computer Network & Applications	3	1	-	4	50	100	-	150	3
TT-414-F	Textile Colour & Design	-	-	3	3	50	-	50	100	4
TT-416-F	Computer Networking Practical	-	-	3	3	50	-1	50	100	4
TT-418-F	Seminar	-	-	2	2	200		-	200	-
TT-420-F	Project Work	-	-	2	2	100	-	100	200	Viva
	Total	18	6	10	34	700	600	200	1500	



MAHARSHI DAYANAND UNIVERSITY, ROHTAK SCHEME OF STUDIES AND EXAMINATION B.TECH (TEXTILE CHEMISTRY) SEMESTER-VII (2012-13)

'F' scheme w.e.f 2012-13

Course No.	Course Title	Teacl	aching Schedule			Marks of Class work	Examination		Total Marks	Duration of Exam
		L	T	P	Total		Theory	Practical		
TC 401-F	Textile Chemical Testing	3	1	-	4	50	100		150	3
TC 403-F	Textile Finishing-II	3	1	-	4	50	100	V - L V - C - C - C - C - C - C - C - C - C -	150	3
TT 405-F	Production Planning & Quality Management OR Waste Management & Pollution Control (common with TT)	3	1	-	4	50	100		150	3
TC 407-F	Wet Processing Machinery	3	1	-	4	50	100	-	150	3
TC 409-F	Theory of Coloration and Computer Colour Matching	3	1		4	50	100	-	150	3
HUM411- F	Finance, Material and Human Resource Management (common with TT)	3	1		4	50	100	-	150	3
TC 413-F	Colour Measurement & CCM lab	-	-	3	3	50	-	50	100	4
TC 415-F	Textile Finishing Lab	1	-	3	3	50		50	100	4
TC 417-F	Mill Practice			-		100		200	300	Viva
TC 418-F	Seminar	-	-	2	2	-		-		-
TC 419-F	Project Work (Mid Term Evaluation)	-	-	2	2	100	-	-	100	Viva
Total		18	6	10	34	600	600	300	1500	

Director,



B.TECH (TEXTILE CHEMISTRY) SEMESTER-VIII (2012-13)

Course No.	Course Title	Teac	hing S	Sched	ule	Marks of Class work	Exam	ination	Total Marks	Duration of Exam
		L	T	Р	Total		Theory	Practical		
TT 402-F	Post Extrusion Operations (common with TT)	3	1	-	4	50	100	==	150	3
TC 404-F	Developments in Textile Chemical Processing	3	1	-	4	50	100	-	150	3
TC 406-F	Process Control in Chemical Processing	3	1		4	50	100	-	150	3
TC 408-F	Knitting & Knit Processing OR Eco-friendly Processing and Manufacturing of Textiles	3	1		4	50	100	-	150	3
TT 410-F	Technical Textiles OR Global Scenario of Textile Industry (Common with TT)	3	1		4	50	100	-	150	3
CSE 412- F	Computer Network & Applications (common with TT)	3	1	-	4	50	100	-	150	3
TT 414-F	Textile Colour & Design (common with TT)	-	-	3	3	50	-	50	100	4
CSE 416- F	Computer Networking Practical (common with TT)	-		3	3	50	-	50	100	4
TC 418-F	Seminar	-	-	2	2	200	-	-	200	Viva
TC 420-F	Project Work	-	-	2	2	-	-	200	200	Viva
Total		18	6	10	34	600	600	300	1500	





MAHARSHI DAYANAND UNIVERSITY, ROHTAK SCHEME OF STUDIES AND EXAMINATION B.TECH (FASHION & APPAREL ENGG) SEMESTER-VIII 'F' Scheme

EFFECTIVE FROM THE SESSION 2012-13

Course No.	Course Title		ching edule			Marks of Class work	Exami	nation	Total Marks	Duration of Exam
		L	T	P	Total		Theor	Practical		
FA- 402-F	High Tech Garments	3	1	-	4	50	100	•	150	3
FA- 404-F	Quality Assurance in Apparel Industry	3	1		4	50	100	-	150	3
FA- 406-F	Fashion Accessories	3	1	-	4	50	100	i i	150	3
FA- 408-F	Retailing and Fashion Promotion	3	1	Ē	4	50	100		150	3
FA- 410-F	Chemical & Mechanical Finishing of Textiles	3	1	-	4	50	100		150	3
FA-	Advance Apparel	3		4	4	50	100		150	3
412-F	Construction Techniques <u>OR</u> Home Fashions									
FA- 414-F	Apparel Draping & Grading			3	3	50		50	100	4
FA- 416-F	Advance Apparel Construction Lab OR Home Fashions Lab		3	3	3	50		50	100	4
FA- 418-F	Seminar	-		2	2	200	-		200	4
FA- 420-F	Project Work	•		2	2	100		100	200	4
	Total	18	6	10	34	700	600	200	1500	

Director,

CURRICULUM AND SCHEME OF EXAMINATIONS OF BBA PROGRAMME FROM THE SESSION 2014-15

SECOND YEAR

Third Semester

Paper No	Title of Paper(s)	External Marks	Internal Assessment/ Work-shop Marks	Practical Marks	Total Marks
BBAN301	Cost and Management Accounting	80	20	-	100
BBAN302	Marketing Management	80	20	-	100
BBAN303	Capital Markets	80	20		100
BBAN304	Introduction to Information Technology	50		50	100
BBAN305	Environment Studies	80	20		100
BBAN306	Disaster Management	80	20	-	100
	TOTAL				600

Fourth Semester

Paper No	Title of Paper(s)	External Marks	Internal Assessment/ Work-shop Marks	Practical Marks	Total Marks
BBAN401	Financial Management	80	20		100
BBAN402	Human Resource Management	80	20	-	100
BBAN403	Business Research Methods	80	20	-	100
BBAN404	Business Laws	80	20	-	100
BBAN405	Data Base Management System	50	-	50	100
BBAN406	Human Rights and Values	80	20		100
	TOTAL				600

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Director
The Technological Institute of Textille & Sciences
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M.D. UNIVERSITY SCHEME OF STUDIES AND EXAMINATION M.TECH 1st YEAR (COMPUTER SCIENCE & ENGINEERING) **SEMESTER 2nd**

CBCS Scheme effective from 2016-17

			Tea	achin	g Sche	edule	Exa	amination (Mai		le	Durat ion	No of
Sr. No	Course No.	Subject	L	Т	Р	Tota I Cred its	Marks of Class works	Theor y	Practi cal	Total	of Exam (Hour s)	hours /wee k
1	16CSE22C1	Soft Computing	4	0	Ē	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
						23	The second					

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

Optimization Techniques 16CSE22D2

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Discrete Mathematics 16CSE22D3

Internet and Web Development 16CSE22D4

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.

Director,