

**M.D. UNIVERSITY
ROHTAK**

SYLLABUS

FOR

PRE-PH.D (TEXTILES TECHNOLOGY)

**MAHARSHI DAYANAND UNIVERSITY,
ROHTAK SCHEME OF STUDIES AND
EXAMINATION**

**TEXTILE TECHNOLOGY
Pre-Ph.D Scheme w.e.f 2012-13
SEMESTER-FIRST**

Course No.	Course Title	Teaching Schedule				Marks of Class work	Examination		Total Marks	Duration of Exam
		L	T	P	Total		Theor y	Practical		
	Textile Technology									
PhD-TT-101	Developments in Fibre Production	3	1	-	4	20	80	-	100	3
PhD-TT-103	Structure & Properties of Fibres	3	1	-	4	20	80	-	100	3
PhD-TT-105	Developments in Texturing	3	1	-	4	20	80	-	100	3
PhD-TT-107	Theory & Design of Spinning Machinery	3	1	-	4	20	80	-	100	3
PhD-TT-109	Theory & Design of Weaving Machinery	3	1	-	4	20	80	-	100	3
PhD-TT-111	Modern Technology of Fabric Production	3	1	-	4	20	80	-	100	3
PhD-TT-113	Structural Engineering of Fibre Assemblies	3	1	-	4	20	80	-	100	3
PhD-TT-115	Unconventional Spinning Systems	3	1	-	4	20	80	-	100	3
PhD-TT-117	Technical Textiles	3	1	-	4	20	80	-	100	3
Total		3	1	-	4	20	80	-	100	

- NOTE: i) Only one paper will be chosen from the above courses**
ii) Class work consists of two assignments of 10 marks each.
iii) Candidates will have to attempt five questions of each consisting of 16 marks
iv) Q1 will be compulsory with objective type of questions

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ROHTAK SCHEME OF STUDIES AND
EXAMINATION**

**TEXTILE TECHNOLOGY
Pre-Ph.D Scheme w.e.f 2012-13
SEMESTER-SECOND**

Course No.	Course Title	Teaching Schedule				Marks of Class work	Examination		Total Marks	Duration of Exam
		L	T	P	Total		Theory	Practical		
	Textile Technology									
PhD-TT-102	Research Methodology	3	1	-	4	20	80	-	100	3
PhD-TT-104	SEMINAR	-	-	2	2	100	-	-	100	
Total		3	1	2	6	120	80	-	200	

- NOTE: i) Research Methodology paper is common for all streams
ii) Class work consists of two assignments of 10 marks each.
iii) Candidates will have to attempt five questions of each consisting of 16 marks
iv) Q1 will be compulsory with objective type of questions
v) Seminar topic will be chosen as pre-project work**

PhD TT-102 Research Methodology

L T P
3 1 -

Class work : 20
Examination : 80
Total : 100

Exam duration: 3 Hrs

Course contents are same as in other streams

PhD TT-104 SEMINAR

L T P
- - 2

Class work : 100
Examination : -
Total : 100
Exam duration: -

Each student will have to deliver a talk on the topics, in the weekly period allotted to the subject pertaining to his/her project work or any topic assigned by Head of the Department.

The performance of the speaker would be judged in the class by Board of Examiners.