



**PERIYAR UNIVERSITY**

**Periyar palkali nagar**

**Salem-636 011**



**Department of Textiles and Apparel Design**

**M.Phil DEGREE**

**(Choice Based Credit System)**

**Regulations and Syllabus**

**(Effective from the academic year 2015-2016 and thereafter)**

**M.Phil Regulations (Full Time)**

**Eligibility for admission**

Candidates who have qualified for M.Sc Costume Design and Fashion, Textiles and Apparel Design, Textiles and Fashion Design, Fashion Technology, Textiles and Clothing or any M.Sc Degree related to Textiles and Fashion discipline are eligible to register for the degree of Master of Philosophy (M.Phil) in Textiles and Apparel Design.

For Full - Time M.Phil registration, candidates shall be required to have obtained a minimum of 55% marks at post graduate level. In case of candidates belonging to SC/ST community, the minimum percentage of marks for registration is 50%.

### **Duration of the course**

The duration of the M.Phil Course shall extend over a period of one year from the date of commencement.

### **Structure of the course**

The course of study for M.Phil degree shall consist of

**Part-I** comprising three written papers

Paper-I Research Methodology in Textiles and Apparel Design

Paper-II Advanced paper in Textiles and Apparel Design.

Paper –III related to the proposed dissertation.

**Part-II** Dissertation.

<b>Subject code</b>	<b>Title of the paper</b>	<b>Credits</b>	<b>Exam hours</b>	<b>CIA</b>	<b>Marks</b>	<b>Total marks</b>
MPTAD 01	Research Methodology in Textiles and Apparel Design	4	3	25	75	100
MPTAD 02	Advanced paper in textiles and apparel design	4	3	25	75	100
MPTAD 03	Guide paper	4	3	25	75	100
	Dissertation	8	-	-	150	150
	viva voce	4	-	-	50	50
	<b>Total</b>	<b>24</b>				<b>500</b>

### **Scheme of Examination for M.Phil degree**

Part-I Written Examination: Paper I, II & III

Part - II - Dissertation

The examination of papers I, II and III shall be held at the end of first semester. The duration for each paper shall be 3 hours carrying a maximum of 100 marks.

<b>Scheme of Examination</b>			
<b>Theory</b>	<b>Marks</b>	<b>Project</b>	<b>Marks</b>
External	<b>75</b>	Dissertation	150
Internal Seminar and assignment Internal tests Attendance	<b>25</b>	Viva voce	50
		<b>Total</b>	<b>200</b>

### **Distribution of Credits**

The break-up of credits for the programme is as follow:

<b>Distribution of Credit Points</b>			
<b>Part-I</b>	<b>Credits</b>	<b>Part –II</b>	<b>Credits</b>
Paper -I	4	Dissertation	8
Paper-II	4	Viva Voce	4
Paper III	4	<b>Total</b>	<b>12</b>
<b>Total</b>	<b>12</b>		
<b>Total Part-I &amp; Part –II</b>	<b>24</b>		

### **Question Paper Pattern**

Part A 5 x5 = 25 marks

Answer all Questions

(Internal Choice)

**Part B** 5 x 10 = 50 marks

Answer all Questions

(Internal Choice)

## **Part II- Dissertation**

The exact title of the Dissertation shall be intimated within one month after the completion of the written examination. The students will not be permitted to make any changes in the title after completing the paper III examination. Candidates shall submit the Dissertation to the University through the Supervisor and Head of the Department at the end of the year from the commencement of the course which shall be valued by internal examiner (supervisor) and one external examiner appointed by the University from a panel of four names sent by the Supervisor through the Head of the Department at the time of submitting the dissertation.

The examiners who value the Dissertation shall report on the merit of candidates as “Highly Commended” (75% and above) or “Commended” (50% and above and below 75 %) or “Not Commended” (below 50%).

If one examiner commends the Dissertation and the other examiner, does not commend, the Dissertation will be referred to a third examiner and the third valuation shall be final.

Submission or resubmission of the Dissertation will be allowed twice a year.

### **Viva voce**

The Viva-voce will be conducted with the following Members.

- (i) HOD –Member of the Viva Board
- (ii) Guide – Chairman of the Viva Board
- (iii) External examiner from other University area – Member of the Board of Valuation and  
Member of viva board

### **Passing Minimum**

A candidate shall be declared to have passed Part-I of the examination if he/she secures not less than 50% of the marks in each paper including Paper –III for which examination is conducted internally.

A candidate shall be declared to have passed Part-II of the examination, if his/ her dissertation is atleast commended.

#### **Restriction in number of chances**

No candidate shall be permitted to reappear for the written examination in any paper on more than two occasions or to resubmit a Dissertation more than once. Candidates shall have to qualify for the degree passing all the written papers and dissertation within a period of three years from the date of commencement of the course.

#### **Conferment of Degree**

No candidate shall be eligible for conferment of the M.Phil degree unless he/she is declared to have passed both the parts of the examinations as per the Regulations.

## **PAPER I RESEARCH METHODOLOGY IN TEXTILES AND APPAREL DESIGN**

**SUB CODE: 15 MPTAD 01**

### **UNIT I**

**Fundamental Concepts of Research** -Meaning, definition, types of research – significance of research – research process, Defining the research problem, Sources, Identification, Selection and statement, Review of Literature.

## **UNIT II**

**Research Design/Proposal** - Research Design – Meaning, Types of Research Design, Basic principles of experimental designs, developing a research Plan. Sampling – Census and sample survey, steps in sampling design, criteria for selecting a sampling procedure, characteristics of a good sample design, different types of sample design.

## **UNIT III**

**Research Methods and Tools** - Methods of data collection – observation, questionnaire, Interview. Data Processing – Collection, Classification, Tabulation, Graphical representation and data analysis.

## **UNIT IV**

**Report Writing** - Research Report – Format of research report, main body of the report, references and appendices, style of writing, typing the report, pagination, tables and figures, bibliography, footnotes, margins, quotations, evaluating the report. Publication / knowledge dissemination - ISBN and ISSN numbering, citations, Indexing, Impact factor.

## **UNIT V**

**Statistics** - Meaning and scope of statistics, role of statistics in research, measures of central tendency and dispersion. Co- efficient of Correlation and its Interpretation, Rank Correlation, Regression equation, Application of Chi – Square test, ANOVA test.

## **References**

1. Introduction to research in Education, *Donald Ary, Lucy Cheser Jacob, Wadsworth Publishing 8<sup>th</sup> Edition, 2009.*
2. Research in Education, *Best J N, Prentice Hall, Delhi, 1979.*
3. Research Methodology, *C R Kothari, New Age International (P) Ltd, Delhi, 2004.*
4. An Introduction to Statistical Methods, *S P Gupta, Vikas publishing House, Delhi, 2009.*
5. Statistical Method- An Introductory text. *J.Medo, New Age publishers, Delhi, 2005.*

## **PAPER II ADVANCED PAPER IN TEXTILES AND APPAREL DESIGN**

**SUB CODE: 15 MPTAD 02**

## **UNIT I**

- a) CAD/CAM applications in textiles and apparel
- b) World Fashion centers and contribution of well known designers

## **UNIT II**

- a) Recent developments in fibers and their production
- b) Recent developments in yarn Formation

## **UNIT III**

- a) Recent developments in various fabric construction
- b) New methods of dyeing and printing techniques
- c) Finishing process- modern finishing methods

## **UNIT IV**

- a) Recent forecasting trends in Apparel and Fashion
- b) Popular domestic and international brands in Apparels

## **UNIT V**

- a) Recent developments in medical textiles, protective textiles and sports textiles and their applications in various fields

## **References**

1. Fashion Forecasting, 2<sup>nd</sup> Edition, *Brannon E.L . 2006, Fairchild Publications Inc. New York.*
2. The business of Fashion, *Burns L D and Byrant, N O, 2002, Fairchild publications, USA.*
3. Inside the Fashion Business, 7<sup>th</sup> Edition, *Dickerson, K G, 2003, published by Pearson education Pvt Ltd, Singapore.*
4. Encyclopedia of textiles - *Prentice Hall, Inc, Englewood cliffs, M.J. Editors, American Fabric Magazine.*
5. Colourage, *Colour publications Private Limited, 126 A, Dhuruwadi, Off Dr.Nariwan Road, Mumbai .*
6. Textile Research Journal, *Textile Research Institute, P.O.Box 625, Princotton, New Jersey.*
7. Art and Fashion in clothing selection, *Harriet T McC Jimsey; IOWA STATE University Press, IOWA. 1973.*
8. Indian textile journal, *Business Press, Pvt Ltd, Taker Tower E 18<sup>th</sup> floor, Mumbai.*
9. Bleaching, dyeing and chemical technology of textiles, *Trotman S R and Trotman E P.*

10. Modern Textiles , *Lyle Dorothy*, *John Wiley and Sons*, 1968.