



**PERIYAR UNIVERSITY**

**Periyar Palkalainagar**

**Salem-636 011**



**Department of Textiles and Apparel Design**

**B.Voc. Degree in Textiles and Apparel Design**

**(Choice Based Credit System)**

**Regulations and Syllabus**

**(Effective from the academic year 2018 - 2019 and thereafter)**

**B.Voc Textiles and Apparel Design**  
**Regulations and Syllabus**  
**(Effective from the academic year 2018 - 2019 and thereafter)**

The department was established during the year 2015-2016. The Under graduate course offered by the department is B.Voc in Textiles and Apparel Design which gives an in-depth knowledge of Apparel merchandising, fashion designing, Basics of textiles, Industrial Engineering, Sewing Machine Operator, Production Supervisor, Draping, Garment Construction, Textile Analysis, Textile Processing, Sourcing Manager and computer application in designing. The Programme is aimed with the following objectives.

- To Upgrade skills to international standards through significant industry involvement
- To develop necessary frameworks for standards, curriculum and quality assurance in the Apparel Sector.
- To Enhance, support and coordinate initiatives for skill development through appropriate Apparel sector.
- Effective assessment testing and credible certification of formally /informally acquired skills of Sewing Machine Operator, Production Supervisor, Industrial Engineering and Sourcing Manager Levels.
- To promote Self Employment

### **Duration of the Programme**

The three-year under graduate program in B.Voc Textiles and Apparel Design consists of six semesters under Choice Based Credit System with NOS/QP packs approved by the Sector Skill Council.

### **Eligibility for Admission**

A Pass 10+3 Years Diploma, A Pass in Higher Secondary Examination (Academic or Vocational Stream) conducted by the Government of any state. No age Limit.

### **Teaching Methodologies**

The teaching method will be “Student Centered approach” with traditional and modern approach like On the Job Training, Internship, field trip and demonstration.

### **Examinations**

Semester pattern is followed. The examination for the Semester I, III and V will be held in November/December and for Semester II, IV and VI will be in the month of April/May. NSDC Assessment will be held on the Sewing Machine Operator, Production Supervisor, Industrial Engineering and Sourcing Manager Levels followed by NOS.

### **Scheme for valuation**

Evaluation will be done on a continuous basis and will be evaluated four times during the course work. The first evaluation will be in the 7th week, the second in the 11th week, third in the 16th week and the end – semester examination in the 19th week. Evaluation may be by objective type questions, short answers, essays or a combination of these, but the end semester examination is a university theory examination with prescribed question paper pattern.

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**SCHOOL OF PROFESSIONAL STUDIES**  
**DEPARTMENT OF TEXTILES AND APPAREL DESIGN**  
**B.VOC PROGRAMME**  
**SCHEME OF EXAMINATION**

Part	Subject code	Title of the Paper	HRS			Credit	Marks		
			L	T	P		CIA	EA	TOTAL
<b>Semester I</b>									
<b>General Education Component</b>									
<b>I</b>	18BTADLT01	Language - I Tamil - I	3	-	-	3	25	75	100
	18BTADHT01	Language - III Hindi - I							
<b>II</b>	18BTADEP01	Language – II Functional English Practical - I	1	1	2	3	40	60	100
<b>III</b>	18BTADCT01	Core – I Basics of Textiles	2	1	-	3	25	75	100
	18BTADAP01	Allied – I Basic Fabric Structure Analysis Practical	-	1	2	2	40	60	100
<b>VI</b>	18BTADVPO1	Value Education – I Yoga and Fitness Practical	-	1	-	1	40	60	100
<b>Skill Component</b>									
<b>V</b>	18BTADSC01	QP – Sewing Machine Operator Level – 4 (Textile basics and Industrial Sewing Techniques )	5	5	6	12	-	100	100
<b>VI</b>	18BTADAS01	Internship (18 to 20 Days)	-	-	-	2	20	30	50
<b>VII</b>	18BTADPF01	Portfolio	-	-	-	2	20	30	50
<b>VIII</b>	18BTADMP01	Mini Project	-	-	-	2	20	30	50
		Subtotal	<b>11</b>	<b>9</b>	<b>10</b>	<b>30</b>	<b>230</b>	<b>520</b>	<b>750</b>
		<b>Total</b>	<b>30</b>			<b>30</b>			<b>750</b>
<b>Semester II</b>									
<b>General Education Component</b>									
<b>I</b>	18BTADLT02	Language - I Tamil - II	3	-	-	3	25	75	100
	18BTADHT02	Language - III Hindi - II							
<b>II</b>	18BTADEP02	Language – II Functional English Practical - II	1	1	2	3	40	60	100
<b>III</b>	18BTADCT02	Core – II Apparel Seam and Stitches Practical	-	1	2	2	40	60	100
	18BTADAP02	Allied – II Industrial Pattern Making Practical	1	-	2	2	40	60	100
<b>IV</b>	18BTADVTO1	Value Education – II – Environmental Studies	1	1	-	2	25	75	100
<b>Skill Component</b>									
<b>V</b>	18BTADSC02	QP – Production Supervisor – Sewing Level – 5 (Apparel Production)	5	4	6	12	-	100	100
<b>VI</b>	18BTADAS02	Internship (18 to 20 Days)	-	-	-	2	20	30	50
<b>VII</b>	18BTADPF02	Portfolio	-	-	-	2	20	30	50
<b>VIII</b>	18BTADMP02	Mini Project	-	-	-	2	20	30	50
		Subtotal	<b>11</b>	<b>7</b>	<b>12</b>	<b>30</b>	<b>230</b>	<b>520</b>	<b>750</b>
		<b>Total</b>	<b>30</b>			<b>30</b>			<b>750</b>

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			L	T	P		CIA	EA	TOTAL
<b>Semester III</b>									
<b>General Education Component</b>									
<b>III</b>	18BTADCT03	Core - III Fashion Designing	2	1	-	3	25	75	100
	18BTADCP01	Core - I Garment Construction Practical - I (Kids Wear)	-	1	2	2	40	60	100
	18BTADAT01	Allied – I Industrial Garment Machineries and Equipments	3	-	-	3	25	75	100
	18BTADAP03	Allied - III Fashion illustration Practical	-	1	2	2	40	60	100
	18BTADNP01	Non Major Elective -I MS Excel Practical	-	1	2	2	40	60	100
<b>Skill Component</b>									
<b>V</b>	18BTADSC03	QP - Industrial Engineer (IE) Executive Level – 6 (Industrial Engineering)	4	5	6	12	-	-	-
<b>VI</b>	18BTADAS03	Internship (18 to 20 Days)	-	-	-	2	20	30	50
<b>VII</b>	18BTADPF03	Portfolio	-	-	-	2	20	30	50
<b>VIII</b>	18BTADMP03	Mini Project	-	-	-	2	20	30	50
		Subtotal	<b>9</b>	<b>9</b>	<b>12</b>	<b>30</b>	<b>230</b>	<b>420</b>	<b>650</b>
		<b>Total</b>	<b>30</b>			<b>30</b>			<b>650</b>
<b>Semester IV</b>									
<b>General Education Component</b>									
<b>III</b>	18BTADCT04	Core - IV Textile Processing	2	1	-	3	25	75	100
	18BTADAT02	Allied – II Textile and Apparel Quality Control	2	-	-	2	25	75	100
	18BTADCP02	Core - II Garment Construction Practical – II (Women’s Wear )	-	1	2	2	40	60	100
	18BTADAP04	Allied – IV Draping Practical	-	-	2	1	40	60	100
	18BTADCP03	Core – III Corel Draw Practical	-	1	2	2	40	60	100
	18BTADNT01	Non Major Elective – II Principle of Management	2	-	-	2	25	75	100
<b>Skill Component</b>									
<b>V</b>	18BTADSC03	QP - Industrial Engineer (IE) Executive Level – 6 (Industrial Engineering)	4	5	6	12	-	100	100
<b>VI</b>	18BTADAS04	Apprenticeships (60 Days)	-	-	-	6	60	90	150
		Subtotal	<b>10</b>	<b>8</b>	<b>12</b>	<b>30</b>	<b>255</b>	<b>595</b>	<b>850</b>
		<b>Total</b>	<b>30</b>			<b>30</b>			<b>850</b>

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			L	T	P		CIA	EA	TOTAL
<b>Semester V</b>									
<b>General Education Component</b>									
<b>III</b>	18BTADCT05	Core - V Knitting Technology	2	-	-	2	25	75	100
	18BTADCT06	Core – VI Industrial Garment Costing	2	-	-	2	25	75	100
	18BTADCP04	Core – IV Garment Construction Practical– III (Men’s Wear )	-	1	2	2	40	60	100
	18BTADCP05	Core – V Graphic Design Practical	-	1	2	2	40	60	100
	18BTADCP06	Core – VI Advance Fabric Structure Analysis Practical	-	1	2	2	40	60	100
	18BTADEL01	Elective – I	2	-	-	2	25	75	100
<b>Skill Component</b>									
<b>V</b>	18BTADSC04	QP - Sourcing Manager Level – 7 (Textiles and Apparel Design)	5	4	6	12	-	-	-
<b>VI</b>	18BTADAS05	Internship (18 to 20 Days)	-	-	-	2	20	30	50
<b>VII</b>	18BTADPF05	Portfolio	-	-	-	2	20	30	50
<b>VIII</b>	18BTADMP05	Mini Project	-	-	-	2	20	30	50
		Subtotal	<b>11</b>	<b>7</b>	<b>12</b>	<b>30</b>	<b>255</b>	<b>495</b>	<b>750</b>
		<b>Total</b>	<b>30</b>			<b>30</b>			<b>750</b>
<b>Semester VI</b>									
<b>General Education Component</b>									
<b>III</b>	18BTADCT07	Core – VII Apparel Merchandising	2	-	-	2	25	75	100
	18BTADCT08	Core – VIII Design Thinking for Innovation	2	-	-	2	25	75	100
	18BTADCP07	Core – VII Fashion Portfolio Practical	-	1	2	2	40	60	100
	18BTADCT09	Core – VIII Dyeing and Printing	2	-	-	2	25	75	100
	18BTADCP09	Core – IX Computerized Pattern Making Practical	-	1	2	2	40	60	100
	18BTADEL02	Elective – II	2	-	-	2	25	75	100
<b>Skill Component</b>									
<b>V</b>	18BTADSC04	QP - Sourcing Manager Level – 7 (Textiles and Apparel Design)	4	5	7	12	-	100	100
<b>VI</b>	18BTADAS06	Apprenticeships (60 Days)	-	-	-	6	60	90	150
		Subtotal	<b>12</b>	<b>7</b>	<b>11</b>	<b>30</b>	<b>240</b>	<b>610</b>	<b>850</b>
		<b>Total</b>	<b>30</b>			<b>30</b>			<b>850</b>

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**Elective – I**

Part	Subject code	Title of the Paper	HRS			Credit	Marks		
			L	T	P		CIA	EA	TOTAL
<b>Semester V</b>									
<b>General Education Component</b>									
III	18BTADELTO1 18BTADELPO1	Size and Fit Analysis	2	-	-	2	25	75	100
		Sustainably in Apparel Industry	2	-	-	2	25	75	100
		Entrepreneurship Development	2	-	-	2	25	75	100
		Traditional Embroidery Practical	-	1	2	2	40	60	100

**Elective – II**

Part	Subject code	Title of the Paper	HRS			Credit	Marks		
			L	T	P		CIA	EA	TOTAL
<b>Semester VI</b>									
<b>General Education Component</b>									
III	18BTADELTO2	Lean Manufacturing	2	-	-	2	25	75	100
		Color and Design Forecasting	2	-	-	2	25	75	100
		Supply Chain Management	2	-	-	2	25	75	100
		Apparel Production and Planning Control	2	-	-	2	25	75	100

Note :- L- Lecture, T-Tutorial, P- Practical, C- Credit, IA – Internal Assessment, EA – External Assessment

Part	Subject Title
Part I	Tamil / Hindi
Part II	Functional English Practical
Part III	Core / Allied/Elective
Part IV	Value Education
Part V	NSDC (National Skill Development Corporation) / Skill Based Subjects
Part VI	Apprenticeship
Part VII	Portfolio
Part VIII	Mini Project

## Credit Calculation Table

(UGC Guidelines for curricular aspects, Assessment criteria and credit system in skill based vocational courses under NSQF)

Method of teaching	Hours	Credits
Lecture	1	1
Tutorial/Demonstration	1	1
Practical/Internship/On the job training/ self Learning	2	1

### Scheme for Internal Marks in Theory (Max.marks - 25)

Seminar, Activity, ICT Application, Case Studies and Assignment - 10 (each 5 marks)  
Internal Tests - 10 (Five tests: Each 2 Marks)  
Attendance - 05 marks

### Scheme for Internal Marks in Practical (Max.marks-40)

Performance Assessment in Practical Class - 15 marks  
Model Test (Best one of two tests) - 10 marks  
Attendance - 05 marks  
Timely submission of Record - 10 marks

### Pattern of Question paper (Theory)

Duration of the examination - 3 hours, Maximum marks – 75

#### Part A

Answer All Questions (Multiple choice questions) 10 x 1 = 10marks

#### Part B

Answer the following questions (Answer any 5 out of 8 questions) 05 x 3 =15marks

#### Part C

Answer All Questions (Either or choice) 05 x 8 = 40marks

Total 75 marks

(All parts of question should have equal importance to all five units in the syllabus)

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