

SELF ASSESSMENT REPORT 2020-21

DEPARTMENT OF TEXTILE DESIGN



PAKISTAN  
INSTITUTE OF  
FASHION AND  
DESIGN

LAHORE - PAKISTAN  
Chartered by the Government of Pakistan

Pakistan Institute of Fashion and Design, Lahore

**Department of Textile Design**

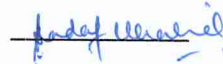
**Self-Assessment Report**

B.Des. Textile Design

**Course Coordinator / Head of Department:**

**Signature**

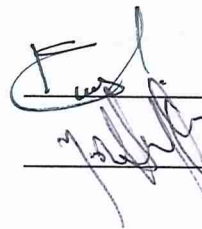
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**Program Team Members**

1. Ms. Bushra Jamil

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## **INTRODUCTION**

Pakistan Institute of Fashion and Design (PIFD), Lahore, Pakistan is a specialist design institute, catering to the demands of the fashion industry. It provides a comprehensive design education, which focuses on the relationship between the designed product and the consumer in the field of design.

PIFD comprises of the following Faculties/Departments:

- **Department of Fashion Design**  
Department of Fashion Design
- **Department of Fashion Marketing and Promotion**  
Department of Marketing and Merchandising
- **Department of Textile Design**  
Department of Textile Design
- **Department of Accessories and Products**  
Department of Jewelry Design and Gemological Sciences  
Department of Furniture Design and Manufacture  
Department of Leather Accessories and Footwear  
Department of Ceramics and Glass Design

## **VISION**

- PIFD aims to be a specialist design institute, catering to the demands of the industry.
- Its goal is to provide a comprehensive design education which focuses on the relationship between the design product and the consumer.
- Its aim to be the platform from which individuals can pursue challenging career options in the field of design.

## **MISSION**

Pakistan Institute of Fashion and Design seeks to produce graduates who are able to combine design capability with manufacturing dexterity to create products that are functional and aesthetically beautiful as well as giving students the necessary management and marketing tools in order to promote these products in the markets around the world. PIFD endeavors to create new generation of designers, entrepreneurs and highly skilled youth to cope with the demands of the new millennium.

## **Department of Textile Design**

### **Mission of the Department:**

The department aims to produce specialist design graduates, catering to the demands of the Textile industry. We emphasize on a comprehensive Textile culture focusing on building a relationship between the product and institute.

### **Teaching Methodology**

All courses taught in the program make an excellent match of various methodologies which include lectures, studio practices, seminars, assignments, workshops, individual and group projects, presentations and local/ international field trips. The teaching inculcates the ability in students to understand a problem and identify its solution in textile parameters. It also alleviates in building confident and sound decision makers.

### **Aims and Objectives**

Research worldwide continues to create inexpensive, durable surfaces and structure from textiles, non-textiles along with modern and quick finishing techniques to give entirely new and exciting aesthetic possibilities. Designers all over the world are working between craftsmanship and innovation in technique, material, and with futuristic digital technology. Therefore, there is a need to have this subject as a substance of high emphasis in their curriculum design and create a unique value proposition for competitive niche positioning which complements the global platform.

The course of textile design reflects the importance of design linked with textile industry and textile product development. After completion of the course, students will be able to do the following:

#### **1. Competency**

- Develop and shape textiles for a specific service
- Identify fabric qualities for a specific end use
- Develop suitable fabric for a specific end use
- Explain fabric qualities, fabric construction and shaping elements of textile
- Explain and practice preconditions of design
- To deliver a professional approach for design development with a special focus on advance techniques. This will also have a focus on business management subjects with a blend of technology. It concentrates on design development through an understanding of the commercial and technical aspects of the textile industry
- Realize and materialize ornaments, colors and finishes on fabric for any field of use

## **2. Market Knowledge**

- Shape textiles for any target group
- Identify the market trends of a particular social group or society and work accordingly

## **3. Management Skills**

- Planning and accomplishment of a given task
- Managing work within given time limits

## **4. Comprehensive Skills**

- Have effective communication and interpersonal skills and can actively work in a group
- Confidently present work to relevant individuals

## **5. Social Awareness**

- Understand importance of social, environmental and corporate responsibility
- An appreciation of the significance of textiles in our society

### **Criterion 1: PROGRAM MISSION, OBJECTIVES AND OUTCOMES**

#### **Mission Statement of Program**

To provide students with an understanding of home textiles and apparels. After the course of four years, students are able to distinguish between fabric qualities and can use appropriate fibers, yarns, constructions, ornaments and finishing developing various fabrics for any specialized application, they get the opportunity to work on skills like weaving, knitting, printing and finishing in the technical lab environment.

Both aesthetical and technical know-how of textile design obtained during the course, contributes towards understanding, identification and development of local and international standards. They become well equipped in accordance to the needs of the textile industry as well as incorporating new and innovative ideas according to the needs of market.

**Standard 1.1: The program must have documented measurable objectives that support Faculty/Institution mission statements.**

Name of Program	Duration	No. of Modules	Total Credit Hrs.
B.Des. Textile Design	4-Year Degree Program	8 Semesters (Course work + Thesis)	133

## 1.1: PROGRAM'S OBJECTIVES

### 1.1.1 B.Des. Textile Design (4-Year Degree Program)

Curriculum for the degree consists of HEC approved courses. Year 1 is the foundation year in which the students are taught the basic, foundation and compulsory courses. The courses include: Design History and Theory, History of Art and Culture, Basic Drawing, Shaping of 2D Design, Digital Communication, English, Pakistan Studies / Islamiyat and Material and Models/Mathematics and Geometry. In the remaining three years the students study the courses related to Textile Design. By the end of the final year, they are required to submit a thesis / professional project.

#### 1.1.1.1 B.Des. Textile Design Program Objectives

1. Develop and shape Textiles with a professional approach towards design development and a special focus on advance techniques. Students concentrate on design development through an understanding of the industrial and technical aspects of the textile industry.
2. Identify the market trends of a particular social group or society and work accordingly.
3. Planning and accomplishment of a given task within time limits.
4. Interpersonal Skills with leadership ability, appreciation for diversity, and the capacity to work effectively with others.
5. Understand importance of social, environmental and corporate responsibility.

#### 1.1.2 Strategies are based on:

- i) Designing the program as per requirement of the market and to provide the students with those professional skills.
- ii) Develop curriculum according to the needs of the program.
- iii) Regular revision of curriculum to keep the students abreast with the national and international developments in the field of Textiles.
- iv) Providing all the resources to students including classroom facilities, multimedia, computers, and properly equipped labs.



### 1.1.3 Assessment of Educational Objectives

The educational objectives of program are regularly assessed as indicated in table below:

**Table 1: BS Program Objectives Assessment:**

OBJECTIVES (1)	HOW MEASURED (2)	WHEN MEASURED (Frequency) (3)	IMPROVEMENT IDENTIFIED (4)	IMPROVEMENT MADE (CORRECTIVE & PREVENTIVE ACTIONS) (5)
As given in para 1.1.1.1	1. Regular Assessment of student knowledge and ability to exhibit the skill by the teacher:	Regular	<ol style="list-style-type: none"> <li>1. Students aren't independent enough to take strong decisions on their own.</li> <li>2. Students do not present confidently in front of jury in terms of their written as well as oral expression.</li> <li>3. Students find report writing a very difficult task and find a lot of difficulties in writing their dissertation in the last year of their studies.</li> <li>4. Students do not consult library and do not consult research journals.</li> </ol>	<ol style="list-style-type: none"> <li>1(a). Individual and real life projects have been emphasized more for the students to analyze situations on their own.</li> <li>1(b). Students are also sent to attend international and national workshops to familiarize themselves with the modern trends and techniques.</li> <li>2. Design studio subjects have been linked with the subject of English to make students work and present on their projects.</li> <li>3. Report Writing has been emphasized in all the courses of English in all the semesters and is taught in close collaboration with the design class.</li> </ol>
	i. Class tests	1 pre midterm & 1 post mid term		
	ii. Class exercises relating to problem	1 pre midterm & 1 post mid term		
	iii. Presentation of relevant topic	As per course requirement		
	iv. Quizzes	1 pre midterm & 1 post mid term		
	2. Practical assignment in each modules	As per course requirement		
	4. Discussions	Once in a week		
	5. Mid Term	Once in a		

Examination	semester		4. The part of Literature Review in the Report writing is emphasized in which reference from the books and journals are mandatory.
6. Final year project pertaining to practical problem	In last year		
7. Final Examination	Once in a semester		
<b>2. Surveys</b>			
i. Faculty Evaluation	Once a Semester	See Evaluation Report	Faculty is informed about their performance for improvement
ii. Survey of Graduating Students	Once in a year		The survey has been conducted and noted information for improvement.
iii. Alumni Survey	Once in a year		The survey has been conducted and noted information for improvement.
iv. Employer's Survey	Once in a year		The survey has been conducted and noted information for improvement.

**Standard 1.2: The program must have documented outcomes for graduating students. It must be demonstrated that the outcomes support the program objectives and that graduating students are capable of performing these outcomes.**

### 1.2.1 Program's Outcomes:

Following are the expected outcomes:

1. Students are technically well equipped to work in industry. They are sound enough to experiment and bring innovations in the regular practices.

2. Students have strong interpersonal skills to make them work effectively in any environment. They have effective communication skills in terms of both speaking and writing.
3. Students are able to identify the market trends and consumer behavior and can shape their work according to the market needs.
4. Students are conscious to the use of organic and sustainable textiles and are responsible enough to understand their corporate social responsibility.

**Table 2: BS Program Outcomes vs. Objectives**

Program Objectives	Program Outcomes			
	1	2	3	4
1	X		X	
2	X	X	X	
3	X	X	X	X
4	X	X		
5	X	X		X

**Standard 1.3: The results of program's assessment and the extent to which they are used to improve the program must be documented.**

**1.3.1 a. Actions taken on the basis of assessment:**

- Syllabus/Curriculum revision
- Teachers training
- Faculty development

**1.3.1 b. Strengths of Department:**

- Successfully completed semesters through online classes during Covid-19 pandemic lockdown through online classes on Microsoft teams.
- One PhD faculty in the department and another faculty in process of completing his PhD.
- Research Publications made by Dr. Allah dad in HEC Recognized W and Y Category Journals.
- Ms. Rabbia, Ms. Mashal, Ms. Fatima and Dr. Allah dad participated in Online Teaching Level-1 course by HEC
- Ms. Bushra Jamil, Ms. Rabbia and Ms. Fatima Iftikhar participating in Research Pursuit workshop.
- Mr. Kamran and Ms. Mashal currently involved in taking evening NAFTA courses.
- Students of textile Department won 1<sup>st</sup> Prize in Knit to Achieve Competition at NTU FSD.
- Students of Textile Department won 1<sup>st</sup> and 2<sup>nd</sup> Prize in Design Competition conducted in LUMS

Lahore.

- The department encourages innovation in the field of textile, one of our student's project won a position in HEC 15th Anniversary celebration.
- Textile Design Department established linkages with Italian Educational Institutes.
- Textile design department has developed a strong amalgamation between aesthetical and technical aspects of textiles.
- Up to date course files with complete lesson plans.
- Department offering diversity to students in the various disciplines of Textile design.
- Compassionate, enthusiastic and punctual faculty.
- Skilled technical staff.
- Well-equipped labs.
- Sound interaction with the textile industry, feedback from the industry is essential in course development.
- Almost 90% placement/employment rate of graduating students.
- Students after completing their undergraduate degree are doing masters in textile/design from international universities in Europe.
- Curriculum related day trips to industry, design houses and art studio arranged by the faculty.

#### **1.3.1 c. Weaknesses of Department:**

- Funded Master and PhD Programs in design should be initiated.
- More Participation in international shows and fairs from Department.
- More International training of faculty in design and related technology like Advance Machine Training of weaving Jacquard and Stoll knitting machine
- Digital Fabric Printer is required.
- Material laboratory development is required.
- Long Distance Study Trips not conducted in year 2019-2022, online international courses should be conducted.
- Workshops for faculty should be initiated.
- Need foreign consultants.
- Continuous meetings of BOS is required to make improvisation in the overall curriculum, to meet future demands of academia and industry
- Efforts required to retain faculty.

**Standard 1.4: The department must assess its overall performance periodically using quantifiable measures.**

#### **1.4.1: Performance Measures**

Department assesses the overall performance using quantifiable measures as,

- Students Enrollment

- Number of Graduating Students
- Attrition Rate (low count of students leaving higher education system after completion of 1<sup>st</sup> year)
- Number of Publications/Exhibitions
- Student Teacher Ratio
- Books in library
- Workshops and Seminars
- Employment Rate

**Table 3: Student's Enrollment**

<b>Program</b>	<b>Year of Enrollment</b>	<b>No. of Enrolled students</b>
<b>B.Des. Textile Design</b>	2022	70
	2021	69
	2020	69
	2019	61
	2018	54
	2017	49
	2016	56
	2015	50
	2014	71
	2013	37
	2012	40
	2011	30
	2010	27
	2009	32

**Table 4: Number of Graduating Students**

<b>Program</b>	<b>Year of Graduation</b>	<b>No. of Students</b>
<b>B.Des. Textile Design</b>	2021	51
	2020	47
	2019	47
	2018	46
	2017	18+47=65
	2016	26
	2015	39
	2014	27
	2013	24
	2012	26

**Table 5: Student Teacher Ratio**

<b>Year</b>	<b>No of students</b>	<b>Teachers</b>	<b>No. of students per teacher</b>
Fall 2020	184	18	1:11

Spring 2021	181	19	1:10
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**Table 6: Attrition Rate**

Program	Year	% of Honor (pass) Students	Attrition Rate
B.Des. Textile Design	Fall 20-Spring 21	51	-

**Table 7: Publications/Exhibitions**

Year	Publications	Journals
2020-Present	5 and 1 research paper	<ul style="list-style-type: none"> <li>• Ponte Italy. Y category.</li> <li>• Journal of Peace Development and communication. Y category.</li> <li>• International journal of innovation creativity and change. W category.</li> <li>• Talent Development and Excellence KSA. Y category.</li> </ul>

**Table 8: Books in Library**

The approximate number of books relevant to textiles available to faculty and students are:

Year	Total no of Books in Library	Total no of Textile Design Books	Soft copies	Research Journals/Magazines
2022	9573	1800	2000+	20

#### 1.4.2 Research Areas

Students are encouraged to research on topics on a broad scale. They select topics relevant to various textile concerned topics such as outdoors textiles, apparel textile, home textile, technical textiles, sustainability and study of aesthetics of various local and international markets.

#### 1.4.3: Academic Calendar 2022

Academic Calendar for Semester V	
Spring/Summer Semester 2022	
Teaching Period including Mid-Term and Final Examinations	25 <sup>th</sup> April 2022 to 09 <sup>th</sup> September, 2022 (18 Weeks),
Academic Calendar for Semester VI	
Spring/Summer Semester 2022	
Teaching Period including Mid-Term and Final Examinations	14 <sup>th</sup> March 2022 to 22 <sup>nd</sup> July, 2022 (18 Weeks),
Academic Calendar for Semester VIII	
Spring/Summer Semester 2022	
Teaching Period including Mid-Term and Final Examinations	4 <sup>th</sup> April, 2022 to 12 <sup>th</sup> August, 2022
Final Juries	15 <sup>th</sup> and 16 <sup>th</sup> August, 2022
Thesis Display	17 <sup>th</sup> and 21 <sup>th</sup> August, 2022

#### Criterion 2: CURRICULAM DESIGN AND ORGANIZATION

Curriculum is developed on the basis of detailed guide lines given by HEC.

#### B.Des. (4-Years) in Textile Design (133 Credit Hours):

Table 9: Scheme of Study

SEMESTER-I		
Course Code	Course Title	Credit Hours
ENG-101	English-I (Compulsory)	2(2+0)
PKST-102	Pakistan Studies (Compulsory)	2(2+0)
DRW-103	Basic Drawing-I	3(0+3)
DHT-104	Design History & Theory-I	1(1+0)
DCS-105	Digital Communication-I (Compulsory)	1(0+1)
HAC-106	History of Art & Culture-I	1(1+0)
MNM-107	Material & Models-I	3(0+3)



SHP-108	Shaping-I	3(1+2)
<b>Total: 17</b>		

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### SEMESTER-II

Course Code	Course Title	Credit Hours
ENG-151	English-II (Compulsory)	2(2+0)
ISL-152	Islamic Studies (Compulsory)	2(2+0)
DRW-153	Basic Drawing-II	3(0+3)
DHT-154	Design History & Theory-II	1(1+0)
DCS-155	Digital Communication-II (Compulsory)	2(0+2)
HAC-156	History of Art & Culture-II	1(1+0)
MATH-157	Mathematics (Compulsory)	3(0+3)
SHP-158	Shaping-II	3(1+2)
<b>Total: 17</b>		

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### SEMESTER-III

Course Code	Course Title	Credit Hours
ENG-201	English -III (Creative Writing & Public Speaking)	2(2+0)
DRW-202	Drawing-I	2(0+2)
TXB-203	Textile Basics	3(2+1)
HOD-204	History of Design-I	1(1+0)
DFO-205	Design Foundation-I (Ornaments)	2(0+2)
DFC-206	Design Foundation-II (Colors)	3(1+2)
WDS-207	Weave Design Studio-I	3(1+2)
TMM-208	Textile Marketing & Management-I	2(2+0)
<b>Total: 18</b>		

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### SEMESTER-IV

Course Code	Course Title	Credit Hours
CAD-251	Textile CAD	2(0+2)
DRW-252	Drawing-II	2(0+2)
HOD-253	History of Design-II	1(1+0)
FNY-254	Fibers & Yarns	2(2+0)
KDT-255	Knit Design & Technology	2(1+1)
WDS-256	Weave Design Studio-II	3(2+1)
PDT-257	Printing Technology	3(1+2)
DES-258	Design Studio-I	3(1+2)

**Total: 18**

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**SEMESTER-V**

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<b>Course Code</b>	<b>Course Title</b>	<b>Credit Hours</b>
ENG-301	English-IV (Critical Thinking)	1(1+0)
DRW-302	Drawing-III	2(0+2)
TSM-303	Textile Design Seminar-I	1(0+1)
KDS-304	Knit Design Studio	3(1+2)
WEV-305	Advance Weaving	3(1+2)
PDT-306	Print Design	2(0+2)
APF-307	Applied Processes & Finishes	3(2+1)
TMM-308	Textile Marketing & Management-II	2(2+0)
<b>Total: 17</b>		

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**SEMESTER-VI**

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<b>Course Code</b>	<b>Course Title</b>	<b>Credit Hours</b>
ENG-351	English -V (Compulsory) (Business Writing)	1(1+0)
CDS-352	Contemporary Design Studies	1(1+0)
PDD-353	Product Detail & Development-I	3(0+3)
PDE-354	Product Execution-I	3(1+2)
TEC-355	Textile Embellishments	3(1+2)
DES-356	Design Studio-II	3(0+3)
TMC-357	Textile Merchandising & Costing	2(2+0)
PRD-358	Portfolio Development	0(0+0)
<b>Total: 16</b>		

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**SEMESTER-VII**

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<b>Course Code</b>	<b>Course Title</b>	<b>Credit Hours</b>
ENG-401	English -VI (Compulsory) (Dissertation Writing)	2(2+0)
RMT-402	Research Methodology	3(2+1)
PDD-403	Product Detail & Development-II (Home/Apparel)	2(0+2)
PDE-404	Product Execution-II (Home/Apparel)	3(1+2)
RPJ-405	Research Project	4(0+4)
TSM-406	Textile Design Seminar-II	1(0+1)
<b>Total: 15</b>		

IV	CAD-251 DRW-252 HOD-253 FNY-254 KDT-255 WDS-256 PDT-257 DES-258	FNY-254 (2 Credit)		CAD-251 (2 Credit) DRW-252 (2 Credit) KDT-255 (2 Credit) WDS-256 (3 Credit) PDT-257 (3 Credit) DES-258 (3 Credit)		HOD-253 (1 Credit)
V	ENG-301 DRW-302 TSM-303 KDS-304 WEV-305 PDT-306 APF-307 TMM-308		TMM-308 (2 Credit)	DRW-302 (2 Credit) KDS-304 (3 Credit) WEV-305 (3 Credit) PDT-306 (2 Credit) APF-307 (3 Credit)		ENG-301 (1 Credit) TSM-303 (1 Credit)
VI	ENG-351 CDS-352 PDD-353 PDE-354 TEC-355 DES-356 TMC-357	TPC-357 (1 Credit)		PDD-353 (3 Credit) PDE-354 (3 Credit) TEC-355 (3 Credit) DES-356 (4 Credit)		ENG-351 (1 Credit) CDS-352 (1 Credit)
VII	ENG-401 RMT-402 PDD-403 PDE-404 RMJ-405 TSM-406		RMT-402 (3 Credit)	PDD-403 (2 Credit) PDE-404 (3 Credit)	RPJ-405 (4 Credit)	ENG-401 (2 Credit) TSM-406 (1 Credit)
VIII	ENG-451 TDR-452 TXC-453 PDP-454				TDR-452 (4 Credit) TXC-453 (5 Credit) PDP-454 (4 Credit)	ENG-45 (2 Credit)





Course Code	Course Title	Credit Hours
ENG-301	English-IV (Critical Thinking)	1(1+0)
DRW-302	Drawing-III	2(0+2)
TSM-303	Textile Design Seminar-I	1(0+1)
KDS-304	Knit Design Studio	3(1+2)
WEV-305	Advance Weaving	3(1+2)
PDT-306	Print Design	2(0+2)
APF-307	Applied Processes & Finishes	3(2+1)
TMM-308	Textile Marketing & Management-II	2(2+0)
<b>Total: 17</b>		
<b>SEMESTER-VI</b>		
Course Code	Course Title	Credit Hours
ENG-351	English-V (Compulsory) (Business Writing)	1(1+0)
CDS-352	Contemporary Design Studies	1(1+0)
PDD-353	Product Detail & Development-I	3(0+3)
PDE-354	Product Execution-I	3(1+2)
TEC-355	Textile Embellishments	3(1+2)
DES-356	Design Studio-II	3(0+3)
TMC-357	Textile Merchandising & Costing	2(2+0)
<b>Total: 16</b>		
<b>SEMESTER-VII</b>		
Course Code	Course Title	Credit Hours
ENG-401	English-VI (Compulsory) (Dissertation Writing)	2(2+0)
RMT-402	Research Methodology	3(2+1)
PDD-403	Product Detail & Development-II (Home/Apparel)	2(0+2)
PDE-404	Product Execution-II (Home/Apparel)	3(1+2)
RPJ-405	Research Project	4(0+4)
TSM-406	Textile Design Seminar-II	1(0+1)
<b>Total: 15</b>		
<b>SEMESTER-VIII</b>		
Course Code	Course Title	Credit Hours
ENG-451	English-VII (Compulsory) (Dissertation Writing)	2(2+0)
TDR-452	Collection - Drawing (Research and Development)	4(0+4)

**SEMESTER–VIII**

Course Code	Course Title	Credit Hours
ENG-451	English –VII (Compulsory) (Dissertation Writing)	2(2+0)
TDR-452	Collection - Drawing (Research and Development)	4(0+4)
TCX-453	Collection - Textile Construction (Development)	5(1+4)
PDP-454	Collection - Product Development	4(0+4)
<b>Total: 15</b>		

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**Total Program Credit Hours: 133**

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**Table 10: Curriculum Course Requirements—B.Des. Textile Design**

1) Definition of credit hours: 1 credit hour is equivalent to 15-16 teaching hours/semester.

Curriculum Breakup	Credit Hours
<b>Humanities and Social Sciences</b> <ul style="list-style-type: none"> <li>• English-I (Compulsory)</li> <li>• Pakistan Studies (Compulsory)</li> <li>• Design History &amp; Theory-I</li> <li>• History of Art &amp; Culture-I</li> <li>• English-II (Compulsory)</li> <li>• Islamic Studies (Compulsory)</li> <li>• Design History &amp; Theory II</li> <li>• History of Art &amp; Culture-II</li> <li>• English –III (Creative Writing &amp; Public Speaking)</li> <li>• History of Design-I</li> <li>• History of Design-II</li> <li>• English-IV (Critical Thinking)</li> <li>• English –V (Compulsory) (Business Writing)</li> <li>• Contemporary Design Studies</li> <li>• English –VI (Compulsory) (Dissertation Writing)</li> <li>• English –VII (Compulsory) (Dissertation )</li> <li>• Textile Seminar I</li> <li>• Textile Seminar II</li> <li>• Textile Basic</li> </ul>	28
<b>Statistics and Mathematics</b> <ul style="list-style-type: none"> <li>• Mathematics (Compulsory)</li> <li>• Textile Pricing &amp; Costing</li> <li>• Fibers &amp; Yarns</li> </ul>	6

<p><b>Management Science</b></p> <ul style="list-style-type: none"> <li>• Research Methodology</li> <li>• Textile Marketing &amp; Management</li> <li>• Textile Marketing &amp; Merchandizing</li> </ul>	7
<p><b>Core Courses</b></p> <ul style="list-style-type: none"> <li>• Basic Drawing-I</li> <li>• Digital Communication-I</li> <li>• Material &amp; Models-I</li> <li>• Shaping I</li> <li>• Basic Drawing II</li> <li>• Digital Communication II</li> <li>• Shaping II</li> <li>• Drawing-I</li> <li>• Design Foundation-I (Ornaments)</li> <li>• Design Foundation-II (Colors)</li> <li>• Weave Design Studio-I</li> <li>• Textile CAD</li> <li>• Drawing-II</li> <li>• Weave Design Studio-II</li> <li>• Knit Design &amp; Technology</li> <li>• Printing Technology</li> <li>• Design Studio I</li> <li>• Drawing-III</li> <li>• Knit Design Studio</li> <li>• Advance Weaving</li> <li>• Print Design</li> <li>• Applied Processes &amp; Finishes</li> <li>• Product Detail &amp; Development-I</li> <li>• Product Execution-I</li> <li>• Textile Embellishments</li> <li>• Design Studio-II</li> <li>• Product Detail &amp; Development-II (Home/Apparel) 2(0+2)</li> <li>• Product Execution-II (Home/Apparel)</li> </ul>	75
<p><b>Final Project</b></p> <ul style="list-style-type: none"> <li>• Research Project</li> <li>• Collection - Drawing (Research and Development)</li> <li>• Collection - Textile Construction (Development)</li> <li>• Collection - Product Development</li> </ul>	17



<b>Total Credit Hours</b>	<b>133</b>
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**Table 11: Details of Curriculum Break**

Semester	Course Number	Stats & Mathematics	Management Sciences & Electronics	Core Courses	Final Project	Humanities & Social Sciences
I	ENG-101 PKST-102 DRW-103 DHT-104 DC-105 HAC-106 MNM-107 SHP-108			DRW-103 (3 Credit) DC-105 (2 Credit) MNM-107 (3 Credit) SHP-108 (3 Credit)		ENG-101 (2 Credit) PKST-102 (2 Credit) DHT-104 (1 Credit) Hac-106 (1 Credit)
II	ENG-151 ISL-152 DRW-153 DHT-154 DC-155 HAC-156 MATH-157 SHP-158	MATH-157 (3 Credit)		DRW-153 (3 Credit) DC-155 (2 Credit) SHP-158 (3 Credit)		ENG-151 (2 Credit) ISL-152 (2 Credit) DHT-154 (1 Credit) HAC-156 (1 Credit)
III	ENG-201 DRW-202 TXB-203 HOD-204 DFO-205 DFC-206 WDS-207 TMM-208		TMM-208 (2 Credit)	DRW-202 (2 Credit) DFO-205 (2 Credit) DFC-206 (3 Credit) WDS-207 (3 Credit)		ENG-201 (2 Credit) TXB-203 (3 Credit) HOD-204 (1 Credit)

IV	CAD-251 DRW-252 HOD-253 FNY-254 KDT-255 WDS-256 PDT-257 DES-258	FNY-254 (2 Credit)		CAD-251 (2 Credit) DRW-252 (2 Credit) KDT-255 (2 Credit) WDS-256 (3 Credit) PDT-257 (3 Credit) DES-258 (3 Credit)		HOD-253 (1 Credit)
V	ENG-301 DRW-302 TSM-303 KDS-304 WEV-305 PDT-306 APF-307 TMM-308		TMM-308 (2 Credit)	DRW-302 (2 Credit) KDS-304 (3 Credit)  WEV-305 (3 Credit) PDT-306 (2 Credit) APF-307 (3 Credit)		ENG-301 (1 Credit) TSM-303 (1 Credit)
VI	ENG-351 CDS-352 PDD-353 PDE-354 TEC-355 DES-356 TMC-357 PRD-358	TPC-357 (1 Credit)		PDD-353 (3 Credit) PDE-354 (3 Credit) TEC-355 (3 Credit) DES-356 (4 Credit)		ENG-351 (1 Credit) CDS-352 (1 Credit)
VII	ENG-401 RMT-402 PDD-403 PDE-404 RMJ-405 TSM-406		RMT-402 (3 Credit)	PDD-403 (2 Credit) PDE-404 (3 Credit)	RPJ-405 (4 Credit)	ENG-401 (2 Credit) TSM-406 (1 Credit)
VIII	ENG-451 TDR-452 TXC-453 PDP-454				TDR-452 (4 Credit) TXC-453 (5 Credit)	ENG-45 (2 Credit)

					PDP-454 (4 Credit)	
<b>Total (133)</b>		<b>6</b>	<b>7</b>	<b>75</b>	<b>17</b>	<b>28</b>

**Standard 2.1: The curriculum must be consistent and supports the program's documented objectives.**

B.Des. Textile Design program contents/courses meet the program objectives as shown in the Table 12.

**Table 12: B.Des. Courses versus Program Objectives:**

Courses	Objectives				
	1	2	3	4	5
ENG-201			X	X	X
DRW-202	X		X		
TXB-203	X	X	X	X	X
HOD-204	X			X	
DFO-205	X	X	X		
DFC-206	X	X	X		
WDS-207	X	X	X	X	
TMM-208	X	X	X	X	
CAD-251	X		X		
DRW-252	X		X	X	

<b>HOD-253</b>	X		X	X	X
<b>FNY-254</b>	X		X		X
<b>KDT-255</b>	X		X		
<b>WDS-256</b>	X	X	X		
<b>PDT-257</b>	X		X		
<b>DES-258</b>	X	X	X	X	X
<b>ENG-301</b>			X	X	X
<b>DRW-302</b>	X		X		
<b>TSM-303</b>	X	X	X	X	X
<b>KDS-304</b>	X	X	X	X	
<b>WEV-305</b>	X	X	X	X	X
<b>PDT-306</b>	X	X	X	X	X
<b>APF-307</b>	X				X
<b>TMM-308</b>	X	X	X		
<b>ENG-351</b>			X	X	
<b>CDS-352</b>	X			X	X
<b>PDD-353</b>	X	X			
<b>PDE-354</b>	X		X		
<b>TEC-355</b>	X				
<b>DES-356</b>	X	X	X	X	X
<b>TPC-357</b>	X	X	X	X	
<b>ENG-401</b>			X	X	
<b>RMT-402</b>		X	X	X	X
<b>PDD-403</b>	X	X	X		X
<b>PDE-404</b>	X	X	X		X
<b>RPJ-405</b>	X	X	X	X	X

<b>TSM-406</b>	X	X	X	X	X
<b>ENG-451</b>			X	X	
<b>TDR-452</b>	X		X		
<b>TCX-453</b>	X	X	X		
<b>PDP-454</b>	X	X	X	X	X

**Standard 2.2: Theoretical background, problem analysis and solution design must be stressed within the program's core material.**

#### **B.Des. in Textile Design**

The modules of the program adequately address:

1. Theoretical background
2. Development of analytical skills
3. Application of the theoretical knowledge
4. Some of the modules include the theoretical background and contain problem solving and solution designs while the others deal with the practical implication of the both.

**Table 13: Standard 2-2 requirement:**

<b>Elements</b>	<b>Courses(Names)</b>
Theoretical Background	<b>Courses with the exception of courses requiring practicals, projects, etc.</b>
Development of analytical skills (Problem Analysis)	<b>Courses requiring practicals</b>
Application of the theoretical knowledge (Solution Design)	<b>Courses requiring application of knowledge</b>

**Standard 2.3: The curriculum must satisfy the core requirements for the program as specified by the respective accreditation body.**

The curriculum satisfies the core requirements as specified by the Higher Education Commission (HEC) and the concerned accreditation body in accordance with international standards.

**Standard 2.4: The curriculum must satisfy the major requirements for the program as specified by HEC, the respective accreditation body / councils.**

The curriculum satisfies major requirements of the program. It fulfills all the basic and necessary requirements of accreditation body. The programs curriculum has been approved by the Board of Studies and the Academic Council of Pakistan Institute of Fashion and Design as specified by HEC.

**Standard 2.5: The curriculum must satisfy general education, arts and professional and other discipline requirements for the program as specified by the respective accreditation body / councils.**

The curriculum satisfies general education discipline requirements. The curriculum satisfies major requirements of the program. It fulfills all the basic and necessary requirements of accreditation body. The programs curriculum has been approved by the Board of Studies and the Academic Council of Pakistan Institute of Fashion and Design as specified by HEC.

**Standard 2.6: Information technology component of the curriculum must be integrated throughout the program.**

The requirement for integrating information technology component is fulfilled by technical courses which deal with the implication of certain software in the field of textiles. The students' presentations on power point in almost every semester also make them proficient in the use of technology.

Courses	IT Contents
Textile CAD	Computer Aided Design
Printing Technology	Computer Aided Design

**Standard 2.7: Oral and written communication skills of the student must be developed and applied in the program.**

Oral and written communication skills of the students are developed by the structurally designed courses of English, class discussions and presentations.

Course Code	Title
ENG-101	English -I
ENG-151	English-II (Compulsory)
ENG-201	English-III (Critical thinking)

ENG-301	English-IV (Compulsory) Report Writing
ENG-351	English-V (Compulsory) Mini thesis
ENG-401	English-VI (Compulsory) (Dissertation Writing)
ENG-451	English-VII (Compulsory) (Dissertation Writing)

The detail regarding surveys results of Student Course Evaluation and Faculty Course Review Report are given below:

Surveys	Frequency	Report	Status
<b>Student Course Evaluation</b>	Once in a semester		The Course Coordinators/ Head of Departments and all Faculty Members are informed for improvement.
<b>Faculty Course Review Report</b>	Once in a year		The Course Coordinators/ Head of Departments and all Faculty Members are informed for improvement.

### Criterion 3: LABORATORIES AND COMPUTING FACILITIES

**Standard 3.1: Laboratory manuals / documentation / instructions for experiments must be available and readily accessible to faculty and students.**

Laboratory manuals / documentation / instructions for experiments are available and readily accessible to faculty and students. Before starting work in laboratory, students are given in-depth presentation regarding machines/equipment and their handling. Aprons and gloves are used for safety measures. Teacher and technicians are always present during the laboratory work. The Textile department currently owns Weave laboratory, Knit laboratory, Print laboratory, Dye laboratory, Embroidery laboratory, Sewing laboratory and Computer laboratory. All laboratories are maintained.

**Standard 3.2: There must be adequate support personnel for instruction and maintaining the laboratories.**

All laboratories have adequate supports system; technicians are always present in their respective laboratories. In case of load shedding, laboratories are provided with a power back up.



**Standard 3.3: The University computing infrastructure and facilities must be adequate to support the program's objectives.**

**i) Computing Facilities**

The department of Textiles has adequate computer facilities/services and administrative staff to support its faculty, students and staff in their academic and administrative activities. The computer lab is maintained and managed.

**ii) Multimedia**

The Department of Textiles has 3 multi-media.

**iii) Website**

The institute website <http://www.pifd.edu.pk> has a link to the textile department.

**iv) Internet**

Internet facility and a connection with main communication network of the institute is available

**Criterion 4: STUDENT SUPPORT AND ADVISING**

**Standard 4.1: Courses must be offered with sufficient frequency and number of students to complete the program in a timely manner.**

The department offers Bachelor degree Program in Textile design once a year. This four year intensive program exposes students to the study of design both in theory and practice. There are two semesters in an academic year: Fall and spring. Fall semester will normally start in August/September and Spring semester will normally start in January/February. The department follows its time table for undergraduate programs strictly to complete the program well in time.

**Standard 4.2: Courses in the major area of study must be structured to ensure effective interaction between students, faculty and teaching assistants.**

Course allocation is made in the meeting of the faculty members, The Course Coordinator/ Head of Department presides over the meeting. The program is structured in a manner to ensure effective interaction between faculty and students. Permanent faculty members are available on campus to facilitate students who require additional help. During lectures, students are encouraged to participate in discussions in order to boost their confidence and to encourage healthy discussions that will add value to the students' knowledge. In studio subject teachers remain in the class throughout the day to facilitate students further on development stage, the lab technician is always there to handle the machines and supervise the work in lab.



**Standard 4.3: Guidance on how to complete the program must be available to all students and access to academic advising must be available to make course decisions and career choices.**

A student counseling session is organized in the month of August each year so that students from the foundation year can be facilitated in making choices regarding which department they can opt for. Program coordinators and faculty members guide the students to facilitate this decision making process. Furthermore, the faculty remains in contact with the industry and constantly guides the students to make informed career decisions.

In case of personal difficulties student may seek advice in confidence from the student counselor, course coordinator, a member of the teaching staff or the Vice Chancellor.

#### **Criterion 5: PROCESS CONTROL**

**Standard 5.1: The process by which students are admitted to the program must be based on quantitative and qualitative criteria and clearly documented. This process must be periodically evaluated to ensure that it is meeting its objectives.**

#### **B.Des. in Textile Design (4 Year Degree Program)**

Candidates are selected on the basis of entry test and interview in the first year. The candidates are admitted provisionally and the verification committee confirms admission after the verification of educational and other required documents. B.Des. in Textile Design is a 4 year degree program with minimum 133 credit hours. The program is divided into 8 semesters with 2 semesters each year.

#### **Admission and Criteria**

Foundation Intermediate with 50% marks (550/1100) or A-Level with minimum 3 full subjects.  
Year Studies Equivalence Certificates for examinations other than FA/FSc. are required from IBCC at the time of Interview. Compulsory Aptitude Test (English, Mathematics, General Knowledge, Drawing and Creative Skills) followed by the Interview.

B.Des. Students who obtain a minimum of CGPA of 3.50 (on average) in foundation year are  
Textile Design eligible for enrollment in the Textile Design Department. The admission of the students also depends upon the number of seats available in the department every year.

#### **Credit Transfer Policy**

Under extra-ordinary circumstances, the Vice-Chancellor, on the recommendations of the chairperson/Coordinator of the Department, may allow transfer of credits of students from HEC recognized institutions to any department of the institute and vice versa provided in PIFD Student Handbook.

The said criteria is periodically evaluated to ensure that it is meeting its objectives.

**Standard 5.2: The process by which students are registered in the program and monitoring of students' progress to ensure timely completion of the program must be documented. This process must be periodically evaluated to ensure that it is meeting its objectives.**

The academic progress and attendance of the students is monitored closely by the faculty members and the Coordinator of the department. Students are informed before the mid-terms and near the final exams of their attendance in the classes. Students are required to maintain 75% class attendance. Counseling sessions are also held if need arises. In case of any issue regarding the student progress, class attendance, class participation and behavior the matters can be taken aboard by the department examination committee and disciplinary committee with the consent of the teacher.

**Standard 5.3: The process of recruiting and retaining faculty members must be in place and clearly documented. Also processes and procedures for faculty evaluation and promotion must be consistent with the institution mission statement.**

The statutes are clearly indicated for recruitment and retaining of faculty members duly approved by the Statutory Bodies of the Institute. A human resource department is in place in this respect. This department advertises the positions as and when need arises in the national press to invite applications from the eligible candidates. The Selection Board comprising of the Dean, Head of Department, eminent persons from industry and subject experts headed by the Vice Chancellor recommends the candidate after evaluation of academic credentials and interview. The Senate, on the recommendations of the Selection Board and Syndicate, selects the candidates for the appointment in the Institute and the whole process in transparent and well documented.

Annual confidential/performance report are also maintained which are ultimately supports for retention and promotion of faculty members. The performance of the faculty members is also evaluated every semester by the students as well as Head of Departments and the course coordinators evaluate the performance of each faculty member.

Other than academic work faculty members are given task to cultivate the sense of ownership and evaluate their performance at different levels. Annual Confidential/ Evaluation Reports are maintained for each faculty member for their increments and promotions.

**Standard 5.4: The process and procedures used to ensure that teaching and delivery of course material to the students emphasizes active learning and that course learning outcomes are met. The process must be periodically evaluated to ensure that it is meeting its objectives.**

Time table is strictly followed by all faculty members. There are other different processes to ensure that the teaching and delivery of the program material to the students emphasizes active learning. For instance small tasks are given to students in class rooms to check their learning outcomes, assignments and projects are given to students based on application of knowledge to enhance their understanding. Mid Term Exams and Final Exams are held to evaluate the learning of the student. Class discussions are encouraged to enhance better learning. Student feedback is taken on Course Evaluation Questionnaire at the end of the semester. Curriculum committee meeting is held each year to evaluate the courses according to the new advancement in the industry and current time; the committee members comprise of Course Coordinator, senior faculty members, persons from the academia and working professionals from the relevant field.

**Standard 5.5: The process that ensures that graduates have completed the requirements of the program must be based on standards, effective and clearly documented procedures. This process must be periodically evaluated to ensure that it is meeting the objectives.**

In order to ensure that the outgoing students have completed the requirements of the programs, the programs are based on standards, the department and faculty strictly abide by the rules made by the institute. These procedures are reviewed on regular basis periodically.

**Grading System:**

Marks Range	Grade Point	Letter Grade
85-100	4.00	A+
80-84	3.70	A
75-79	3.30	B+
70-74	3.00	B
60-69	2.70	B-
63-65	2.30	C+
60-62	2.00	C
56-59	1.70	C-
53-55	1.30	D+
50-52	1.00	D
Below 50	0.00	F
Incomplete	0.00	I
Withdraw	0.00	W
Not Grade reported	0.00	N
Transfer Credits	-	TR

**Formula for calculating the GPA and CGPA:**

$$\text{GPA} = \frac{\sum (\text{GP} \times \text{Credit Hours}) \text{ courses of a semester}}{\text{Total Credit Hours of a semester}}$$

$$\text{CGPA} = \frac{\sum (\text{GP} \times \text{Credit Hours}) \text{ of all courses}}{\text{Total Credit Hours of all courses}}$$

**Criterion 6: FACULTY**

**Standard 6.1:** There must be enough full time faculty members who are committed to the program to provide adequate coverage to the program areas/courses with continuity and stability. The interests and qualifications of all faculty members must be sufficient to teach all courses, plan, modify and update courses and curricula. All faculty members must have a level of competence that would normally be obtained through graduate work in the discipline. The majority of faculty must hold a Ph.D in the discipline.

Currently the department is having services of 11 full time faculty and 3 visiting faculty. Out of 10 full time faculty; 4 are Teaching Associates, 2 Lecturers, 4 Assistant Professors. Department Coordinator has also an Assistant Professor. All Faculty members of the department of Textiles are active in teaching and research and have the necessary technical depth to support the program. Teachers attempt to cover the curriculum adequately. The level of competency of the faculty members are evaluated at time of induction and monitored during teaching.

Program Area	Semester per Year	No. of Faculty with B.Des. Degree	No. of Faculty with MS Degree	No. of Faculty with Ph.D Degree
B.Des. Textile Design	02	05	05	01

**Standard 6.2:** All faculty members must remain current in the discipline and sufficient time must be provided for scholarly activities and professional development. Also, effective programs for faculty development must be in place.

All teachers meet the HEC criteria for appointment in the respective cadre. Local and international training programs are arranged for faculty members. They are encouraged to attend international seminars. Some of the faculty members had opportunity to get training in foreign universities. Currently we have 5 faculty members who have done masters, 05 with bachelor degrees (all permanent faculty) and one faculty member are achieved PhD degree in Design and Textile studies from Malaysia.

**Standard 6.3: All faculty members should be motivated and have job satisfaction to excel in their profession.**

Healthy working environment exists for research and course development. The faculty members are motivated to excel in their profession. They are involved in important decision making process. The satisfaction of the faculty and the input is being measured by Faculty Survey Form.

The detail regarding surveys results of Faculty Survey and Faculty Resume are given below:

Surveys	Frequency	Report	Status
Faculty Survey	Once in a year		The survey has been conducted and noted for information for improvement.
Faculty Resume	Once in a year		

**Criterion 7: INSTITUTIONAL FACILITIES**

**Standard 7.1: The institution must have the infrastructure to support new trends in learning such as e-learning.**

The department has the following facilities for the uplift of their students and faculty to enhance the quality of higher education:

**Academic Building:**

- Computer laboratories
- Video Conference Room
- Internet facility
- Multimedia installed in class rooms
- Updated Workshops
- HEC digital library

**Standard 7.2: The library must possess an up-to-date technical collection relevant to the program and must be adequately staffed with professional personnel.**



There is a good number of books in the library which are relevant to the Textile Design Program. Library staff is cooperative and books are acquired in timely manner when demanded. The library provides the following services;

- a) Arts and Design relevant books
- b) Digital library having access to journals and E-books

The Library has also a good collection of old and new journals covering a wide range of disciplines design.

Item	Quantity
Text / Reference Books	1800
Full- text journals	4
E-books / Journals	2000+
DVDs	2
Newspapers / Magazines	19
Other media of knowledge	Digital Library, Laptop Library
Seating capacity	70+
Laptops	15
Computers / Printers	9 / 3
Photo copier	1

**Standard 7.3: Class-rooms must be adequately equipped and offices must be adequate to enable faculty to carry out their responsibilities.**

#### **Classrooms**

The Textile Design Department has separate rooms for each academic year. All class rooms have white boards or/and black boards, soft boards and multimedia in lecture hall. All class rooms and lecture halls have adequate number of chairs and tables for students as well as for teachers. The class rooms are



excessively warm during summers as there are not fitted with air conditioning. The table shows the spaces available to facilitate the students, faculty and staff.

Spaces	No.
Class Rooms (studios)	5
Lecture Hall	1
Office (Large hall shared with two other departments)	1
Faculty Kitchen (share)	1
Multimedia projector(inclusive of lecture hall)	3

### Faculty Offices

The Department of Textile Design has sufficient space to adequately accommodate its faculty and administrative staff. The senior faculty is provided with computers and internet facility is available for all. However, since the office is set up in a large hall shared by two other departments, research based work cannot be carried out without difficulty.

### Criterion 8: INSTITUTIONAL SUPPORT

**Standard 8.1: There must be sufficient support and financial resources to attract and retain high quality faculty and provide means for them to maintain competence as teachers and scholars.**

The institute provides support and financial resources to the department for the smooth running of its program in achieving its goals and objectives and maintaining our strength and uplifts our standards. Faculty is hired on high merit grounds which involves both appropriate educational back ground along with related work experience. The faculty is sent to various training programs to upgrade themselves and meet the international standards. Technical staff is hired for the smooth running of the equipment and they are also sent to different trainings. The department is funded by the Federal Government.

**Standard 8.2: There must be adequate number of high quality graduate students, research assistants and Ph.D. students.**

The department currently offers only a B.Des. Program, each year the department produces high quality graduates who are employed by the textile industry / design houses or work as entrepreneur.

The table below shows the number of students enrolled in B.Des. Program of the Department of Textile Design.

Degree Program	2008	2009	2010	2011	2012	2013	2014
B.Des. Textile Design	32	27	30	40	37	71	50
Degree Program	2015	2016	2017	2018	2019	2020	-
B.Des. Textile Design	56	49	54	61	69	70	-

**Standard 8.3: Financial resources must be provided to acquire and maintain Library holdings, laboratories and computing facilities.**

Financial resources are provided to acquire and maintain library holdings, laboratories and computing facilities adequately. The department, however, is not having the separate funds of its own to maintain and upgrade its library; HEC is also requested to provide additional financial resources for further strengthening of the department. Currently the library holds number of books relevant to textiles and research material is also accessible in softcopies.

The textile and fashion department are currently sharing the computer laboratory which has 35 computers with a core i7 processor and 4GB graphic card. The computers are installed with Corel draw X4, Photoshop CS4 and Wilcome software, according to the international standards and need of the time. All computers are provided by a 10KV UPS back up which is further given a backup from the generator. The textile department is managing four other labs, these are:

- a) Weaving Laboratory
- b) Knitting Laboratory
- c) Embroidery Laboratory
- d) Dyeing and Printing Laboratory
- e) Sewing Lab

**a) Weaving Lab:**

The weave laboratory has all the required equipment; with two technicians managing the laboratory well. The table below shows all the details:

Equipment	Quantity
Dobby Hand Loom	45
AVL Dobby Loom	3
	40



Table Loom	4
Rajasthani Loom	1
Doubling, Twisting Machine	3
Hank to cone rewinding machine	9
GSM Cutter (S,M,L)	4
Weight Balance	6
Warping board	2
Winding Wheel	2
Steamer	5
Microscopes	1
Jacquard Loom	

Jacquard loom will be operation from 2023, with two technicians maintaining the weaving lab.

**b) Knitting Laboratory:**

Textile Knitting laboratory is one of the most developed and upgraded laboratory in comparison to any other design institute, we have the following machines:

Equipment	Quantity
Hand Flat Bed	33
Intarsia Flat bed	5
Linking Machine	1
Jacquard Knitting (STOLL)	1

In store we have different qualities such as acrylic, cotton and fancy yarn (color range). One technician managing both laboratories.

**c) Embroidery Laboratory:**

It is a well-maintained laboratory with one technician running the laboratory. The table below shows all the details of the laboratory:

<b>Equipment</b>	<b>Quantity</b>
Jokey zigzag Machine	18
Tajima Multi-head	1
Tajima single head	1
Stitching Machines	2
Embellishment Frames	25
Circular Frames	10
Over lock machine	1

The embroidery laboratory has also been equipped with reference material; the inventory consists of material as well as different technique and stitches samples.

**d) Dyeing and Printing Laboratory:**

The textile printing laboratory was been planned with sufficient space for the students to work on their projects. Since the number of students is increasing we will be facing space shortage issues in near future.

<b>Equipment</b>	<b>Quantity</b>	<b>Size</b>
------------------	-----------------	-------------

Marble Printing Tables	3	90x5 ft
Wooden Table	6	8x4 ft
Exposing Table	1	5x3 ft
Tracing Table	3	6x4ft
Tracing table	1	5x3ft
Screen Racks	3	S/L
Printing Screens	48	26x52 inches
Aprons	10	
Heat Transfer Machine	2	
Padding Machine	1	
PH meter	1	
Digital weight Machine	1	
Fabric Strength Machine	1	
Fabric Iron	3	
Heat Gun	2	
Fabric Dryer	1	
Cone dying	1	
Fabric dyer	1	
Steam jet	1	
Vacuumed exposing tables	2	
Hair dryer	2	
Pot dyer	1	
Washing machine	1	

The store is maintained with different types of printing material and mediums.

Dyeing laboratory is developed in a room, where students perform various test for sample dyeing. We have one care taker who manages both printing and dyeing lab efficiently. The dyeing laboratory requires its own material, currently we are maintaining our lab with a range of materials and equipment.

**e) Sewing Laboratory:**

There is also sewing lab (single needle lock machines, 35 in number), 1 boiler machine, and three Vacuum tables.

Standard safety procedures are well followed to ensure safety of all students and staff.