

## Textile Design

The details of Courses/Credits of **Part II- Main Programme (Textile Design)** to be studied by students allotted Textile Design as Specialisation subject during the III-VIII Semesters of the **BFA programme** are given below:

<b>BFA – Textile Design</b>						
<b>III-Semester</b>						
BFA	211	<b>History of Visual Arts-3 :</b> <i>As per History of Arts syllabus</i>	Core Theory Course	4	2	100
BTD	211	<b>Material &amp; Method-1</b>  <b>1. WEAVING</b> <u>Introduction of Fibers and their Properties:</u> Natural Fibers (Cotton, Silk, Wool) Manmade Fibers (Rayon, Acetate, Nylon, Polyester, Acrylic) <u>Fiber Identification:</u> Visual Inspection, Burning Test, Microscopy Test, Solubility Test <u>Yarn Classification:</u> Fiber Length, Yarn Twist, Yarn Size, Yarn Regularity <b>2. DYEING –</b> <u>Pre Dyeing Process of Cotton:</u> Scouring , Bleaching , De-sizing, Sizing, Optical Bleaching & Finishing <u>Classification of Dyes and its Properties</u> 1.Natural Dyes 2.Synthetic Dyes <u>Application of Dyes on Cotton</u> Direct, Vat, Reactive, Basic <b>3. PRINTING –</b> <u>Printing Techniques:</u> Direct Printing Discharge Printing Resist Printing (Traditional Technique) <b>4. TEXTILE DESIGN-</b> Motifs, Coloures & Techniques of Embroidered Textile.  <b>Suggested Readings:</b> 1. K. P. Hess -Textile Fibers and their use 2. Peter Green -Introducing Surface Printing 3.Janet Erickson -Block Printing on Textiles 4.Rita J. Adrosko -Natural Dyes and Home Dyeing 5.Doa z. Meilach -Making Contemporary Rugs and Wall Hanging 6.Nancy Belfer -Weaving, Design and Expression 7.Hilary Chetwynd -Simple Weaving 8. Rosemary Crill -Indian Embroidery 9. Marg Publication-Textiles & Embroideries of India 10. Marg Publication -Threads & Voices 11. Kamladevi Chattopadhyay -Indian Embroidery 12. Subhasini Aryan- Himachal Embroidery 13. J. Irwin and M.Hall- Indian Embroideries	Core Theory Course	1	1	100
BTD	212	<b>Weaving-1 :</b> Visualization of Designs for Floor Covering or Wall Hangings based on : i. Dari Weave, ii. Pile Weave, iii. Tapestry Weave (size: 10”x12”)	Core Practical	4	3	100
BTD	213	<b>Textile Design-1 :</b> Visualization & Preparation of Designs for Furnishing Fabrics or Dress Material & Application of Embroidery Stitches on Fabric based on 1. Phulkari , 2. Chikankari Kasida, 3. Gujarat Kasida	Core Practical	3	4	100

		4. Chamba Rumal (size: 11"x 14")				
BTD	214	<b>Dyeing -1</b> : Prepare the Shade Card of Cotton Fibers or Fabrics based on following dyes: Natural Dye, Direct, Vat, Reactive, Basic	Core Practical	2	1	100
BTD	215	<b>Printing-1</b> : Visualization & Preparation of Block Printing Design for Furnishing Fabrics or Dress Material (size: 6"x 6")	Core Practical	2	5	100
BTD	216	<b>Drawing-1</b> : Nature Study, Antique Study, Life Study <u>Every week 10 Sketches.</u>	Core Practical	2	5	100
<b>Credit of III-Semester</b>				<b>18</b>		
<b>IV-Semester</b>						
BFA	221	<b>History of Visual Arts-4</b> : <i>As per History of Arts syllabus</i>	Core Theory Course	4	1	100
BTD	221	<b>Material &amp; Method-2</b>  <b>1. WEAVING</b> <u>Looms:</u> Types of Looms, Parts and their Function, Types of Motions, Types of Shed, Winding, Warping & Beaming. <u>Fabric Structure:</u> Design on Paper & its use., Types of Drafting & Peg plan, Basic Weaves and Fabrics, 1.Plain Weave. 2. Twill Weave, 3. Satin & Sateen Weave <u>Color and Weave effect,</u> <u>Classification of Fabric</u> - 1. Woven, 2. Non-Woven <u>Important Particulars of Some Fabric</u> Lungi, Rumal, Dhoti, Sari. <u>Weaving Calculation:</u> 1. System of Numbering-Direct & Indirect. 2.Count Calculation & Conversion from one system to another system 3.Simple Count Calculation of Reed & Heald in Stockport System  <b>2. DYEING -</b> <u>Resist Dyeing Process</u> Tie & Dye (Bandhani) Technique, Batik Technique  <b>3. PRINTING</b> Introduction of Block Printing and Design.  <b>4. TEXTILE DESIGN-</b> Motifs, Coloures & Techniques of Embroidered Textile.  <b>Suggested Readings:</b> 1. N.N. Banarjee-Weaving Mechanism 2. G. H. Oelsner -A Handbook of Weaves 3 Edith Pankowski and Dallas Pankowski-Basic Textiles 4. Chitanganda Krishna - Batic and Tie-dye 5. F. Anderson -Tie-Dye and Batik 6. V. Searle and R.Clayson-.Screen Printing on Fabric 7. Rosemary Crill -Indian Embroidery 8. Marg Publication-Textiles & Embroideries of India 9. Marg Publication -Threads & Voices 10. Kamladevi Chattopadhyay -Indian Embroidery 11. Subhasini Aryan- Himachal Embroidery 12. J. Irwin and M.Hall- Indian Embroideries	Core Theory Course	1	1	100
BTD	222	<b>Weaving-2</b> <u>Basic Weaves</u> - 1. Plain Weave, 2. Twill Weave, 3. Satin & Sateen Weave (Minimum one sample each) <u>Colour and Weave Effect</u> (Minimum 8 Sample) <u>Dress Material in Checks &amp; Stripes Pattern</u> (Minimum 5 Sample), (size: 08"x 08")	Core Practical	4	3	100

BTD	223	<b>Textile Design-2</b> : Visualization & Preparation of designs for furnishing fabrics or Dress material & Application of Embroidery Stitches on Fabric based on 1. Bangal Kantha, 2.Kasuti Embroidery, 3.Kasmiri Kasida, 4.Bihar Kasida, (size: 11"x 14")	Core Practical	3	4	100
BTD	224	<b>Dyeing -2</b> : Resist Dyeing Process -Different Techniques of Tie & Dye (Minimum 10, Samples size-12"x12") -Process of Batik Art (Minimum 2 work)	Core Practical	2	3	100
BTD	225	<b>Printing-2</b> : Block carving for Block Printing. -Application of Block on Cotton Fabric with Direct Printing. - 1 project for furnishing fabrics or Dress material	Core Practical	2	1	100
BTD	226	<b>Drawing-2</b> 1.Nature Study, 2.Antique Study, 3.Life Study <i>Every week 10 Sketches</i>	Core Practical	2	5	100
BFA	222	<b>Annual Art Exhibition *</b>	Compulsory Course	1*		
BFA	223	<b>Annual Art Fair*</b>	Compulsory Course	1*		
<b>Credit of IV-Semester</b>				<b>18+2</b>		
<b>V-Semester</b>						
BFA	311	<b>History of Visual Arts – 5 :</b> <i>As per History of Arts syllabus</i>	Core Theory Course	4	2	100
BTD	311	<b>1. WEAVING-</b> <b>1. Preparation of Yarn before Weaving :</b> Purpose of Sizing, Preparation of Size Mixture & Ingredients used. <b>2. DOBBY :</b> Definition of Dobby, Scope of Dobby,, Types of Dobby, Parts & its Function. <b>3. Fabric Structure :</b> Variation of Basic Weaves, Huck-a-back, Mock-lino, Pointed Twill, Honey-comb, Diamond Twill, Broken Twill, Curved Twill, Angle Twill, Double Cloth (Plain) <b>4. DYEING :</b> Pre Dying Process of Silk – 1. Application of Dye on Silk, 2. Natural Dyes, 3. Synthetic Dye: Acid, Basic etc. <b>5. PRINTING :</b> Introduction of Screen Printing 1.Flat Bed, 2.Rotary 4. Preparation of Screen with Photography Method <b>6. TEXTILE DESIGN :</b> Motifs, Colours & Techniques of Woven Textile. <b>Suggested Readings:</b> 1. N.N. Banarjee -Weaving Mechanism 2. G. H. Oelsner - A Handbook of Weaves 3. Nancy Belfer -Weaving, Design and Expression 4. Watson -Textile Designing and Color 5. Watson -Advanced Textile Design 6. Rita J. Adrosko -Natural Dyes and Home Dyeing 7. Tammanna N. Sonwalker-Hand book of Silk Technology 8.V. Searle and R. Clayson- Screen Printing on Fabric 9. Anthony Kinsey -Introducing Screen Printing 10. R.S. Morwanchikar -Paithani: A Romance in Brocade 11. Sukla Das -Fabric Art, Homage of India 12. Jasleen Dhamija-The Woven Silks of India	Core Theory Course	1	1	100
BTD	312	<b>Weaving – 3 :</b> Develop 24 different paper designs for each of following Weaves & Develop one from each on Loom for suitable Fabric (size : 8"x 8") 1. Huck-a-back or Mocklino for <u>Shirt</u> 2. Broken Twill or Double Cloth (Plain) for <u>Furnishing</u>	Core Practical	4	8	100

		3. Dimond or Pointed Twill for <u>Sari Border</u> 4. Honey- comb for <u>Towel</u> 5. Curved Twill or Angle Twill for <u>Cushion Cover</u>				
BTD	313	<b>Textile Design – 3:</b> Visualization & Preparation of Designs for Furnishing Fabrics or Dress Material from Woven Textiles based on- 1. Paithani, 2. Baluchar, 3. Chanderi Sari , 4. Mashru 5. Indian Carpet, (Size -11”x14”)	Core Practical	3	6	100
BTD	314	<b>Dyeing -3 :</b> Preparation the Shade Card of Silk Fibers with following dyes Acid, Basic etc -Tie- dye on Silk Fabric (size: 22”x 22”)	Core Practical	2	2	100
BTD	315	<b>Printing-3 :</b> Visualization & Preparation of Screen Printing Design for Furnishing Fabrics or Dress Material – (Size: 6”x 6”)	Core Practical	2	10	100
BTD	316	<b>Drawing-3 :</b> 1.Nature Study, 2.Antique Study, 3.Life Study , <i>Every week 10 Sketches</i>	Core Practical	2	5	
<b>Credit of V-Semester</b>				<b>18</b>		
<b>VI-Semester</b>						
BFA	321	<b>History of Visual Arts-6 :</b> <i>As per History of Arts syllabus</i>	Core Theory Course	4	1	100
BTD	321	<b>Material &amp; Method-4</b>  <b>1. WEAVING-</b> <u>Weaving Calculation:</u> (a) Count Calculation of Folded Yarns (b) Resultant & Average Count (c) Cloth Calculation -Wt. of Warp & Wt. of Weft <u>Different Types of Selvedges</u> <b>2. DYEING -</b> <u>Fastness properties,</u> 1. Light, 2. Washing , 3. Rubbing <u>Purpose of Finishing</u> <b>3. PRINTING</b> <u>Other styles of printing -</u> 1. Devore, 2. Crepe, 3. Transfer Printing, 4.Ink jet Printing (Digital Printing) <u>Introduction of Colour Trends &amp; Importance.</u> <u>Colour Forecasting -</u> Introduction, Aims & Objective, Key Aspects of Colour Forecasting. Process of Forecasting <b>4. TEXTILE DESIGN-</b> Motifs, Colours & Techniques of Woven Textile.  <b><u>Suggested Readings:</u></b> 1. Nancy Belfer -Weaving, Design and Expression 2. Dona Z. Meilach-Making Contemporary Rugs and Wall Hangings 3. The basic book of Macrame and Tatting 4. T. N. Sonwalker-Hand book of Silk Technology 5. V. Searle and R. Clayson-Screen Printing on Fabric 6. Anthony Kinsey- Introducing Screen Printing 7.Tracy Diana and Tom Cassidy-Colour Forecasting 7. Tammanna N. Sonwalker-Hand book of Silk Technology 8.V. Searle and R. Clayson- Screen Printing on Fabric 9. Anthony Kinsey -Introducing Screen Printing 7.Tracy Diana and Tom Cassidy-Colour Forecasting 8. R.S. Morwanchikar -Paithani: A Romance in Brocade 11. Sukla Das -Fabric Art, Homage of India 10. Jasleen Dhamija-The Woven Silks of India	Core Theory Course	1	1	100
BTD	322	<b>Weaving-4 :</b> Creative Wall hanging & Fabric Structure by using Tapestry, Pile & Macramé weave. (size: 11”x14)	Core Practical	4	2	100

BTD	323	<b>Textile Design-4</b> : Visualization & Preparation of Designs for Furnishing Fabrics or Dress Material from Woven Textiles based on- 1. Banarsi Brocade, 2. Maheshwari 3. Jamdani, 4. Himroo, 5. Patola , 6. Persian Carpet	Core Practical	3	6	
BTD	324	<b>Dyeing -4</b> : Prepare the Shade Card of any one of the following dyes on Silk Fibers With Acid, Basic dyes etc <i>Batik on Silk Fabric (size: 22"x 28")</i>	Core Practical	2	2	100
BTD	325	<b>Printing-4</b> : Preparation & Application of Screen Printing on Fabric	Core Practical	2	1	100
BTD	326	<b>Drawing-4</b> :1.Nature Study, 2.Antique Study, 3.Life Study , Every Week 15 Sketch	Core Practical	2	5	100
BFA	322	<b>Annual Art Exhibition *</b>	Compulsory Course	1*		
BFA	323	<b>Annual Art Fair*</b>	Compulsory Course	1*		
<b>Credit of VI-Semester</b>				<b>18+2</b>		
<b>VII-Semester</b>						
BFA	411	<b>History of Visual Arts-7 :</b> <i>As per History of Arts syllabus</i>	Core Theory Course	4	2	100
BTD	411	<b>Material &amp; Method-5</b>  <b>1. WEAVING</b> <u>Jacquard</u> - Definition of Jacquard, Scope of Jacquard, <u>Types of Jacquard, Parts &amp; its Function.</u> Single Lift single cylinder Jacquard, Double Lift single cylinder Jacquard, Double Lift Double cylinder Jacquard, Electronic Jacquard <u>Fabric Structure: Advanced Weaves-</u> I. Bed- Ford-Cord, ii. Barley Cone, iii. Crepe , <u>Twill &amp; Satin Double Cloth</u> <b>2. DYEING</b> : Pre Dying Process of Wool. Application of Dyes on Wool. Mordent, Acid, Metal Complex.  <b>3. PRINTING :</b> Discharge Style of Printing on Cotton and Silk.  <b>4. TEXTILE DESIGN</b> : Motifs, Colours & Techniques of Textile Printed.  <b>5. CATD</b> (Computer Aided Textile Design) Importance of CATD Software in Textile, Scope of CATD Software, Limitation of CATD, Use and Economics of CATD in Textile Designing Field.  <b>Suggested Readings:</b> 1.N.N. Banarjee -Weaving Mechanism 2. G. H. Oelsner - A Handbook of Weaves 3. Nancy Belfer -Weaving, Design and Expression 4. Watson -Textile Designing and Color 5. Watson -Advanced Textile Design	Core Theory Course	1	1	100
BTD	412	<b>Weaving-5</b> : Visualization & Preparation of 10 Paper Design (Border with Body) for Jacquard. Graph Paper Making & card punching of selected any one of the design. <u>Develop 10 different paper designs for each of following Weaves &amp; Develop one from each on Loom for</u>	Core Practical	4	15	100

		<u>Furnishing Fabric.(8"x 8")</u> i. Bed Ford Cord, ii. Barley Cone, iii. Crepe, <i>Twill &amp; Satin Double Cloth</i>				
BTD	413	<b>Textile Design-5</b> : Visualization & Preparation of Designs for Furnishing Fabrics or Dress Material from following Printed Textile based on-1. Sangneri, 2. Bagh, 3. Ajrakh, 4. Kalamkari, Size: 11"x14"	Core Practical	3	4	100
BTD	414	<b>Dyeing -5</b> : Prepare the Shade Card of Wool Fibers with the following Dyes : Mordent, Acid, Metal Complex	Core Practical	2	1	100
BTD	415	<b>Printing-5</b> : Discharge Style of Printing on Cotton and Silk	Core Practical	2	1	100
BTD	416	<b>Drawing-5</b> : Nature Study, Antique Study, Life Study , Minimum 5 work, <i>Every week 15 Sketches</i>	Core Practical	2	5	100
<b>Credit of VII-Semester</b>				<b>18</b>		
<b>VIII-Semester</b>						
BFA	421	<b>History of Visual Arts &amp; Design-8</b> : <i>As per History of Arts syllabus</i>	Core Theory Course	4	1	100
BTD	421	<b>Material &amp; Method-6</b>  <b>1. WEAVING -</b> <u>Weaving Analysis:</u> (a) Universal System of Cloth Analysis (Minimum 5 sample) (b) Cost Estimation of Fabric Per square inch /Yard, (c) Cover Factor.  <b>2. DYEING -</b> <u>Varies form of Dyeing of Textile Goods and Machinery</u> 1. Requirement of Dyeing Machine, 2.Dyeing of Loose Fibers, 3.Dyeing of Yarns - i. Hank Dyeing machine, ii. Cheese/bobbin Dyeing machine, iii. Beam Dyeing machine <u>Cloth dyeing</u> - 1. Jigger Dyeing machine, 2. Winch Dyeing machine, 3. Padding Dyeing machine, 4. Thermo sole process, 5. Dope Dyeing  <b>3. PRINTING -</b> Resist Style of Printing on Cotton and Silk  <b>4.TEXTILE DESIGN</b> - Project Planning Process Initial Research, Design ideas generation, Design development, Range selection, Range presentation  <u>Suggested Readings:</u> 1. N.N. Banarjee -Weaving Mechanism 2. A. F. Barker & E. Midgley-Analysis of Woven Fabrics.	Core Theory Course	1	1	100
BTD	422	<b>Weaving-6</b> 1. Weave the Design on Jacquard - One Article (size: 12"x12"), 2. Creation of the Design with the help of CATD Software, 3.Prepare One Weaving project based on any one-(size: 6"x 6")1. Furnishing, 2. Dress Material	Core Practical	4	3	100
BTD	423	<b>Computer Aided Textile Design for Weaving &amp; Printing-1</b>	Core Practical	3	10	100
BTD	424	<b>Dyeing -6</b> : One Creative work project with mix media.	Core Practical	2	1	100
BTD	425	<b>Printing-6</b> : Resist Style of Printing on Cotton and	Core	2	2	100

		<u>Silk- Application of New Technologies and Synthetic Dyes. Prepare One Printing project based on any one</u> 1. Furnishing. 2. Dress Material	Practical			
BTD	426	<b>Drawing -6</b> : Nature Study, Antique Study, Life Study Minimum 5 work, Every week 15 Sketches	Core Practical	2	5	100
BFA	422	<b>Annual Art Exhibition *</b>	Compulsory Course	1*		
BFA	423	<b>Annual Art Fair*</b>	Compulsory Course	1*		
		<b>Credit of VIII-Semester</b>		<b>18+2</b>		
		<b>Total Credit requirement of BFA Textile Design</b>		<b>108+6</b>		
<b>NOTE:</b>	*denotes that evaluation in the course is based on minimum 80% attendance in the course and presentation of his/her work in the event. It shall be mandatory for a student to pass the compulsory course, however, these courses shall not be accounted for SGPA/CGPA calculations.					