

# **Shri Rawatpura Sarkar University, Raipur**



## **Examination Scheme & Syllabus**

**for**

### **B.Sc. In Fashion Design Semester - I**

(Effective from the session: 2022-23)



# Three Years B.Sc. Fashion Design Programme

## Scheme of Teaching and Examination

### B.Sc. FD Ist Semester

Outcome Based Education (OBE) and Choice Based Credit System (CBCS)

(Effective from the Academic Year 2022-2023)

S. No	Course Code	Course Title	Hours / Week			Credits	Maximum Marks			Sem End Exam Duration (Hrs)
			L	T	P		Continuous Evaluation	Sem End Exam	Total	
1	BSCFD101T	Communication Skills	3	1	-	4	30	70	100	3
2	BSCFD102T	Textile Science	3	1	-	4	30	70	100	3
3	BSCFD103T	History of Indian Art & Culture	3	1	-	4	30	70	100	3
4	BSCFD104T	Basic Sewing Techniques	3	1	-	4	30	70	100	3
5	BSCFD105P	Basic Surface Ornamentation	-	-	6	3	30	70	100	4
6	BSCFD106P	Elements of Design	-	-	6	3	30	70	100	4
						22			600	



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<b>Course Title</b>	<b>COMMUNICATION SKILLS</b>				
<b>Course Code</b>	<b>BSCFD101T</b>				
<b>Course Credits</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>TC</b>	
	<b>3</b>	<b>1</b>	<b>-</b>	<b>4</b>	
<b>Prerequisites</b>	Importance of English in day to day life.				
<b>Course objectives</b>	<p>Upon completion of the course the student shall be able to</p> <ol style="list-style-type: none"> <li>1.Understand the behavioral needs for a pharmacist to function effectively in the areas of pharmaceutical operation</li> <li>2.Communicate effectively (Verbal and Non Verbal)</li> <li>3.Effectively manage the team as a team player</li> <li>4.Develop interview skills.</li> </ol>				
<b>Course Contents</b>	<p><b>UNIT I Key Concepts</b>            Process and elements of communication: context of communication ; The speaker/writer and the listener/reader , medium of communication ;Principles of communication (7 C's of communication); Barriers in communication , effective communication ; Communication in organization.</p> <p><b>UNIT II Writing</b>            Selecting material for expository, descriptive, and argumentative pieces , Resume covering letter, Elements of letter writing &amp; style of writing, business letters: Quotation and tenders ; Basics of informal and formal reports technical report writing, Lab report ; précis writing.</p> <p><b>UNIT III Reading</b>            Effective Reading ; Reading different kinds of texts for different purpose ; reading between the lines. Comprehension of unseen passages.            Grammar in use: Errors of Accidence and syntax with reference to parts of speech ; Agreement of subject and verb; Tense and Concord ; Use of connectives , Question tags .Voice and narration . Indianism in English ;Punctuation and Vocabulary , Building (Antonym , Synonym , Verbal Analogy and One World Substitution).</p> <p><b>UNIT IV Speaking</b>            Achieving desired clarity and fluency ; Effective speaking ;Task-oriented , inter-personal ,informal and semi formal speaking. Meeting, Seminar , Conferences, Interviews, Presentation, Audio – Visual communication.</p> <p><b>UNIT V Listening</b>            Achieving ability to comprehend material delivered at relatively fast speed; comprehending spoken material in standard Indian English , British English and American English ;Intelligent listening in situations. Advantages of listening .</p>				



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	Hearing and listening ;Essentials of good listening . Use of modern communication Devices; Telephonic Conversation.
<b>Course Outcome</b>	This course student will be able to understand the literatures for presenting the real extract of the subject to the society.
<b>Text Books</b>	1.Sharma RC & Mohan K – “Business Corresponding And Report Writing” 2.Alok Jain P S Bhatia & A M Shiekh – “Professional communication skills ; S.Chand & company .
<b>Reference Books</b>	.Alok Jain P S Bhatia & A M Shiekh – “Professional communication skills ; S.Chand & company



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<b>Course Title</b>	<b>TEXTILE SCIENCE</b>				
<b>Course Code</b>	<b>BSCFD102T</b>				
<b>Course Credits</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>TC</b>	
	<b>3</b>	<b>1</b>	<b>-</b>	<b>4</b>	
<b>Prerequisites</b>	To understand the techniques used for different world textiles.				
<b>Course objectives</b>	<p><b>This Course Will Enable Students To:</b>          To impart the knowledge of fibers ,sources, their identification and properties.          To provide students with the knowledge of textile science and their properties.</p>				
<b>Course Contents</b>	<p><b>UNIT I - Introduction to Textile</b>          Introduction to textile raw materials - Fiber, Filament, Yarn, Textile and Garment..</p> <p><b>UNIT II – Fibers</b>          Primary Properties of Fiber -Length to Width Ratio, Tenacity, Flexibility, Cohesiveness and Uniformity</p> <p>Secondary properties of Fiber - Fiber morphology (Luster), Elongation and elastic recovery, Resiliency, Moisture regain, Flammability and other thermal reactions, Electrical conductivity, Abrasion resistance, Chemical reactivity and resistance.</p> <p>Classification of Fibers based on origin – Natural &amp; Manmade Fibers Natural Fibers - Cellulosic (Cotton, Flax &amp; Jute), Protein – (Wool and Specialty Woolen Fibers), Silk and Mineral Fiber – Asbestos. Man Made Filament Fibers – Rayon, Polyester and Acetate Fibers</p> <p><b>UNIT III – Yarn</b></p> <p>Spinning –Spinning methods, Yarn Properties - yarn twist (S&amp;Z directions), count and strength.          Mechanical Yarn Formation of Cotton, Jute, Linen, Woolen, Worsted &amp; Silk Yarns.          Chemical Spinning – Wet, Melt &amp; Dry spinning of filament yarns.          Yarn Types - Ply Yarn, Cable yarn, double yarn and novelty yarns</p> <p><b>UNIT IV – Weaving</b>          Parts of a Basic Loom – Shuttle, Heddle, Reed, Warp beam &amp; Cloth Beam          Basic Weaving operation – Shedding, Picking, Beating, Taking in and Letting off          Types of Looms – Handloom, Power loom, rapier and Jacquard loom</p> <p><b>UNIT V -</b>          Parts of a fabric – Warp, Weft, Grain, Bias and Selvedge</p>				



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	Basic Weaves – Plain Weave, Basket Weave, Rib, Twill, Satin and Sateen Complex & Fancy weaves – Swivel, Lappet, Leno, Double Cloth, Pile and Jacquard
<b>Course Outcome</b>	<b>At The End Of The Course Student Will Be Able To:-</b> Student will be able to use industry terminology and equipment in appropriate ways.
<b>Text Books</b>	1.Stanyer ,Peter ,- The Complete Book Techniques Arcturus Publishing Limited For Book Mart Limited 2003 2.Stockton And James ,”Designers Guide To Colour”, Chronicle Books, San Francisco, 1984
<b>Reference Books</b>	1.Bride M Whelen ,”Colour Harmony” Rockfort Publishers ,1992 2. Piper ,David ,-The Joy Of Art ,- Mitchell Beazley Publishers ,1984.



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<b>Course Title</b>	<b>HISTORY OF INDIAN ART AND CULTURE</b>				
<b>Course Code</b>	<b>BSCFD103T</b>				
<b>Course Credits</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>TC</b>	
	<b>3</b>	<b>1</b>	<b>-</b>	<b>4</b>	
<b>Prerequisites</b>	History of Indian art & culture:-Introducing About Garment Components And Stitching Method				
<b>Course objectives</b>	<p><b>This Course Will Enable Students To:</b></p> <ul style="list-style-type: none"> <li>To Impart Skills In Basic Techniques Of Pattern Making</li> <li>To Provide The Knowledge Of Different Culture Used For Sewing.</li> </ul>				
<b>Course Contents</b>	<p><b>UNIT-I</b> Introduction to Indian Art &amp; Cultures  Introduction:Basics of „Visual perception“ and „Visual Communication“-  Ancient Civilizations &amp; Materials used. Development of Visual Forms during Prehistoric, Egyptian &amp; Mesopotamian civilization.</p> <p><b>UNIT-II</b> Ancient Art &amp; Architecture  Romanesque and Gothic architecture - Gothic and early Renaissance painting -  Development of arches, vaults, buttresses and stained glass windows.  Painters having individuality in terms of style- Giotto, Duccio &amp; Comabu</p> <p><b>UNIT-III Visual Art</b>  Rajput and Mughal Miniature paintings/ architecture. Temple Architecture in South India,Ajanta painting, Ellora sculptures. Famous Indian Art and Artist.</p> <p><b>UNIT-IV</b> Classical Art Periods and Artist  Baroque, Rococo, Neoclassicism, Romanticism, Realism, Impressionism,  Fauvism, cubism, futurism&amp;Naturalism – Monet, Manet, Van Gogh, Edvard Munch, Henri Matisse, Kandinsky &amp; August Rodi</p> <p><b>UNIT-V</b> Avant Grade &amp; Post Modern Visual Art  Dada, Abstract- Expressionism, surrealism, Pop Art, Op Art, Minimalism, Photorealism, NeoExpressionism, Digital Art, Street Art Artist - Marcel Duchamp, Pablo Picasso, Jackson Pollok &amp; Kasimir Malevich</p>				
<b>Course Outcome</b>	<p><b>At The End Of The Course Student Will Be Able To:-</b></p> <ol style="list-style-type: none"> <li>Understanding Theories &amp; Principles Of Behind Fabric Construction And Its Science ; History Of Art Textile ,Costumes ,Fashion Theories ,Styles , Marketing &amp; Merchandising , Of The Past And Present To Appreciate Trends, Predict</li> </ol>				



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	Appropriate Market Trends And Machine Knowledge..
<b>Text Books</b>	<ol style="list-style-type: none"><li>1. Bane Allyne , Flate Pattern Design ,Mcgrawhill Pub ....USA</li><li>2. Gerry Cooklin ,Introduction To Clothing Manufactures, Blackwell Science ,UK 1991</li><li>3. Harold Carr &amp; Barbara Latham ,The Technology Of Clothing Manufacture, Oxford Pub ,USA, 1994</li></ol>
<b>Reference Books</b>	<ol style="list-style-type: none"><li>1. Helen J Armstrong ,Pattern Making For Fashion Design ,Prentice Hall</li><li>2. Patric Taylor Et.AL., Grading For The Fashion Industry ,Stanely Thomes Ltd., 1990</li><li>3. Winfred Aldrich.. Pattern Cutting .. Blackwell Science ,UK Press ,1980</li></ol>





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<b>Course Title</b>	<b>BASIC SEWING TECHNIQUES</b>				
<b>Course Code</b>	<b>BSCFD104T</b>				
<b>Course Credits</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>TC</b>	
	<b>3</b>	<b>1</b>	<b>-</b>	<b>4</b>	
<b>Prerequisites</b>	Introduction About Custom Fitted, Basic Pattern To Prepare Many Different Styles.				
<b>Course objectives</b>	<p><b>This course will enable students to:</b></p> <ul style="list-style-type: none"> <li>• Design / Develop Product Prototypes : Design A Garment Or A Product By Draping Or Flat Pattern Making Or Bt Using Hands On Skill Or Stitching To Construct The Product To Meet Desired Specification ,Performance And Capabilities : Compatible With Client Need ,Trend ,Market Analysis ,Social And</li> <li>• Environmental Considerations.</li> </ul>				
<b>Course Contents</b>	<p><b>UNIT I</b> Sewing Machine &amp; its Parts  Parts of a Sewing Machine and their Function. Threading a machine. Common problems and methods to overcome.</p> <p><b>UNIT II</b> Industrial Sewing Machine  Introduction to Industrial Sewing machine – Types - SNLS-DNLS-FOA-machine and machine parts, bar tack machine - button-sewn machine, buttonhole machine - terminology, safety rules, care and maintenance. Different types of sewing machine. Over lock Machine 3 &amp; 5 thread –its application.</p> <p><b>UNIT III</b> Temporary &amp; Permanent Stitches  Sewing Treads and Selection of Sewing threads based on count. Temporary stitches: basting- even, uneven and diagonal. (ii) Permanent stitches: hemming, slip stitching, blanket, and fagoting. Making terminologies &amp; symbols (notches, punch/circles,) Pattern information (grain, part, piece, cut symbols) seam allowance, fabric terms (grain, Bowing).</p> <p><b>UNIT IV</b> – Seams &amp; Seam Finishes  Different types of seams- Plain seams, top stitched seam, welt seam, lapped seam, slot seam, flat fell seam, French seam, mantua maker’s seam and piped seam. Seam finishes Piped finish, edge stitched finish, double stitched finish, overcast finish, herringbone finished seam and bound seam edge finish</p>				



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	<p><b>UNIT V</b>          Pattern Preparation For Womens Basic Blocks Front ,Back ,Sleeve &amp; Skirt          Preparation Of Muslin Basic Blocks ,Test Fitting ,Front ,Back ,Sleeve &amp;Skirt          ,Patter Alterations</p> <p><b>UNIT V Fullness</b>          Fullness and its types - Darts, Tucks, Pleats, Gathers, Shirring, Ruffles and Godets.</p>
<p><b>Course Outcome</b></p>	<p><b>At The End Of The Course Student Will Be Able To:-</b>          Understanding Theories &amp; Principles Of Behind Fabric Construction And Its Science ; History Of Art Textile ,Costumes ,Fashion Theories ,Styles , Marketing &amp; Merchandising , Of The Past And Present To Appreciate Trends, Predict Appropriate Market Trends And Machine Knowledge..</p>
<p><b>Text Books</b></p>	<p>1.Bane Allyne , Flate Pattern Design ,Mcgrawhill Pub ....USA          2.Gerry Cooklin ,Introduction To Clothing Manufactures, Blackwell Science ,UK 1991          Harold Carr &amp; Barbara Latham ,The Technology Of Clothing Manufacture, Oxford Pub ,USA, 1994</p>
<p><b>Reference Books</b></p>	<p>Helen J Armstrong ,Pattern Making For Fashion Design ,Prentice Hall          Patric Taylor Et.Al., Grading For The Fashion Industry ,Stanely Thomes Ltd., 1990          Winfred Aldrich.. Pattern Cutting .. Blackwell Science ,UK Press ,1980</p>



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<b>Course Title</b>	<b>BASIC SURFACE ORNAMENTATION</b>				
<b>Course Code</b>	<b>BSCFD105P</b>				
<b>Course Credits</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>TC</b>	
	-	-	6	3	
<b>Prerequisites</b>	To Introduce The Students To The Basics Of Dyeing And Printing				
<b>Course objectives</b>	<p><b>This course will enable students to:</b></p> <p>The Main Objective Of This Course Is To Have An In Depth Knowledge Of The Handicrafts . The Students Are Taught How To Research And Document The Various Crafts By Visiting And Meeting The Craftsmen And Personally.</p>				
<b>Course Contents</b>	<p><b>UNIT I</b> Introduction To Craft , Information Sourcing On Craft , How To Document A Craft And Why Contents Of Craft Document , How To Plan Your Layouts And The Techniques, How To Frame Your Photographs, Illustration , Prepare Questionnaire For Survey/Information Collection, Craft Design , Assessment</p> <p><b>UNIT II</b> CRAFT:-Introduction To The Grey Fabric , Characteristics And Classification Of Impurities Introduction To The Preparatory Process Of Dyeing For Cotton Singeing , Desizing, Sourcing, Bleaching, Mercerization</p> <p><b>UNIT III</b> Dying:- Definition Of Color , Dyes, Pigment, Classification Of Dyes, Application Of Dyes On Textile , Stages Of Dyeing – Fiber , Yarn , Fabric And Garment , Introduction To Dyeing Of Blends</p> <p><b>UNIT IV</b> PRINTING:-Methods Of Printing , Styles Of Printing , Environmental Concerns</p> <p><b>UNIT V</b> Instructions To The Teacher: Field Trip To A Dyeing &amp; Printing Unit Will Be Taken. Imparting Of Basics And Common Techniques Such As : Knotting Braiding , Twining , Interlacing , Knitting, Crochet , Tatting Carpet-Making, Tufting, Etc.</p>				
<b>Course Outcome</b>	<p><b>At The End Of The Course Student Will Be Able To:-</b></p> <p>1.Understand That Individuals And Societies Make Sense Of Death In Different Ways</p> <p>2.Understand That There Is Diversity In Our Beliefs About Death And Dying</p>				



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	3. Understand Some Key Ethical Dilemmas In Dying And Assisted Dying Decisions 4. Understand Some Of The Diverse Expressions Of Grief.
<b>Text Books</b>	1. Fabric Science By Joseph J. Puzzuto.
<b>Reference Books</b>	1. Technology Of Dyeing , Printing And Bleaching By Dr. V.A. Shenai.



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<b>Course Title</b>	<b>ELEMENT OF DESIGN</b>				
<b>Course Code</b>	<b>BSCFD106P</b>				
<b>Course Credits</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>TC</b>	
	-	-	6	3	
<b>Prerequisites</b>	Design Process . To Develop Skills In Fashion Model Drawing				
<b>Course objectives</b>	<b>This Course Will Enable Students To:</b> To Introduce Students To Elements And Principles Of Design To Impart Knowledge On Fashion Aet And Its Importance				
<b>Course Contents</b>	<b>UNIT I</b> Art Media And Application –Pencil ,Colour Pencils ,Oil Pastels ,Water Colour ,Poster Colours ,Acrylic Colours, Fabric Colours ,  <b>UNIT II</b> Elements Of Fashion Process- Fashion Cycles ,Fashion Theories And Terminologies  <b>UNIT III</b> Element of design –point, line , form, space, value, shape, texture ,colour Principles Of Design –Contrast ,Proportion ,Balance ,Movement, Rhythm And Emphasis  <b>UNIT IV</b> Fashion Illustration Basics ,Simple Blocking And Fleshing Of The Fashion Figure ., 8 Head , 10 Head , 12 Head Figure In Simple Standing Poses.  <b>UNIT V</b> Elements Of Fashion Illustration : Introduction To Fashion Illustration –History ,Importance .				
<b>Course Outcome</b>	<b>At The End Of The Course Student Will Be Able To:-</b> 1.The Students Will Be Able To Understand And Analyze The Market Trends And Design 2.Market Friendly ,Sustainable ,Ethically Viable And Friendly Designs And Products				
<b>Text Books</b>	1.Stanyer ,Peter , - The Complete Book Of Drawing Techniques Arcturus Publishing Limited For Book Mart Limited 2003 2.Stockton And James ,”Designers Guide To Colour”, Chronicle Books, San Francisco, 1984				



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<b>Reference Books</b>	1. Bride M Whelen ,”Colour Harmony” Rockfort Publishers ,1992 2. Piper ,David , -The Joy Of Art , - Mitchell Beazley Publishers ,1984.
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