

# ALAGAPPA UNIVERSITY

(Accredited with A+ Grade by NAAC (CGPA : 3.64) in the Third Cycle ,  
Graded as Category-I University and granted autonomy by MHRD-UGC)

## DIRECTORATE OF COLLABORATIVE PROGRAMMES



### Diploma in Fashion Design

Regulations and Syllabus

[For those who join the Course in July 2023 and after]

CHOICE BASED CREDIT SYSTEM

## GENERAL INSTRUCTIONS AND REGULATIONS

**Diploma in Fashion Design** conducted by Alagappa University, Karaikudi, Tamil Nadu through its Collaborative Institution.

### **1. Eligibility:**

A pass in the SSLC Examination conducted by the Government of Tamil Nadu, or an examination accepted as equivalent thereto by the Syndicate. Candidates for admission shall be required to have passed the qualifying examination.

### **2. Admission:**

Admission is based on the marks in the qualifying examination.

### **3. Duration of the course:**

The course shall extend over a period of **One year** under Semester pattern

### **4. Standard of Passing and Award of Division:**

- a. Students shall have a minimum of 40% of total marks of the University examinations in each subject. The overall passing minimum is 40% both in external and aggregate of Continuous Internal Assessment and external in each subject.
- b. The minimum marks for passing in each theory / Lab course shall be 40% of the marks prescribed for the paper / lab.
- c. A candidate who secures 40% or more marks but less than 50% of the aggregate marks prescribed for three years taken together, shall be awarded **THIRD CLASS**.
- d. A candidate who secures 50% or more marks but less than 60% of the aggregate marks prescribed for three years taken together, shall be awarded **SECOND CLASS**.
- e. A candidate who secures 60% or more of the aggregate marks prescribed for three years taken together, shall be awarded **FIRST CLASS**.
- f. The Practical / Project shall be assessed by the two examiners, by an internal examiner and an external examiner.

### **5. Continuous internal Assessment:**

- a. Continuous Internal Assessment for each paper shall be by means of Written Tests, Assignments, Class tests and Seminars
- b. **25 marks** allotted for the Continuous Internal assessment is distributed for Written Test, Assignment, Class test and Seminars.
- c. One Internal Tests of 2 hours duration may be conducted during the semester for each course / subject and the best marks may be considered and one Model Examination will be conducted at the end of the semester prior to University examination. Students may be asked to submit at least five assignments in each subject. They should also participate in Seminars conducted for each subject and marks allocated accordingly.
- d. Conduct of the continuous internal assessment shall be the responsibility of the concerned faculty.
- e. The continuous internal assessment marks are to be submitted to the University at the end of every year.
- f. The valued answer papers/assignments should be given to the students after the valuation is over and they should be asked to check up and satisfy themselves about the marks they have scored.
- g. All mark lists and other records connected with the continuous internal assessments should be in the safe custody of the institution for at least one year after the assessment.

### **6. Attendance:**

Students must have earned 75% of attendance in each course to appear for the examination.

Students who have earned 74% to 70% of attendance to be applied for condonation in the prescribed form with the prescribed fee.

Students who have earned 69% to 60% of attendance to be applied for condonation in the prescribed form with the prescribed fee along with the medical certificate.

Students who have below 60% of attendance are not eligible to appear for the examination. They shall re-do the semester(s) after completion of the programme.

**7. Examination:**

Candidates must complete course duration to appear for the university examination. Examination will be conducted with concurrence of Controller of Examinations as per the Alagappa University regulations. **Universities may send representatives as the observer during examinations.** University Examination will be held at the end of each semester for a duration of 3 hours for each subject. Certificates will be issued as per the AU regulations. **Hall tickets will be issued to the 1<sup>st</sup> year candidates and upon submission of the list of enrolled students along with the prescribed course fee subsequent 2<sup>nd</sup> and 3<sup>rd</sup> year hall tickets will be issued.**

**8. Miscellaneous**

- a. Each student possesses the prescribed text books for the subject and the workshop tools as required for theory and practical classes.
- b. Each student is issued with an identity card by the University to identify his / her admission to the course
- c. Students are provided library and internet facilities for development of their studies.
- d. Students are to maintain the record of practicals conducted in the respective laboratory in a separate Practical Record Book and the same will have to be presented for review by the University examiner.
- e. Students who successfully complete the course within the stipulated period will be awarded the degree by the University.
- f. The Internship / Project (any other viva-voce) where an external examiner is assigned from the university, there may be changes in the exam dates as per the availability of the External Examiner.

**9. Fee structure**

Course fee shall be as prescribed by the University and 50% of the course fee should be disbursed to University. Special fees and other fees shall be as prescribed by the Institution and the fees structure must be intimated to the University. Course fees should be only by Demand draft / NEFT and AU has the right to revise the fees accordingly.

**Semester Pattern**

<b>Pattern</b>	<b>Course Fee payment deadline</b>
Semester	Fee must be paid before 10 <sup>th</sup> February of the academic year

**10. Other Regulations:**

Besides the above, the common regulation of the University shall also be applicable to this programme.

**11. Industrial Exposure:**

Industrial internship 2 week

**Diploma in Fashion Design**  
(For students admitted from 2023 onwards)

**Course –Diploma in Fashion Design**

**Duration – One Year**

**Eligibility – 10<sup>th</sup> Pass**

**Medium - English**

**Semester I**

Code No	Name of the Subject	T/P	Credit Points	Lecture Hours/Week	Max. Marks		
					Int	Ext	Total
84511	Fundamentals of Fashion	T	4	6	25	75	100
84512	Pattern Making & Garment Construction	P	4	8	25	75	100
84513	Fashion Sketching & Rendering	P	5	8	25	75	100
84514	Pattern and Apparel Manufacturing Techniques	P	5	8	25	75	100
	<b>Total</b>	-	<b>18</b>	<b>30</b>	<b>100</b>	<b>300</b>	<b>400</b>

**Semester II**

Code No	Name of the Subject	T/P	Credit Points	Lecture Hours/Week	Max. Marks		
					Int	Ext	Total
84521	Fundamentals of Textiles	T	4	6	25	75	100
84522	Surface Embellishments	P	4	8	25	75	100
84523	Fashion collection & Realization	P	5	8	25	75	100
84524	Sustainable Fashion	T	5	8	25	75	100
	<b>Total</b>	-	<b>18</b>	<b>30</b>	<b>100</b>	<b>300</b>	<b>400</b>

Semester-I					
Course Code 84511	Title of the Course	Fundamentals of Fashion	T	Credits: 4	Hours: 6
<b>Objective</b>	<ul style="list-style-type: none"> <li>➤ To memorize the fashion terminologies</li> <li>➤ To understand the design elements</li> <li>➤ To understand the design principles</li> <li>➤ To develops color Knowledge, To memories the Fashion Accessories terminologies</li> <li>➤ To learn about Indian ,International designers and world fashion capitals</li> </ul>				
<b>Unit - I</b>	Introduction to Fashion- Fashion terminologies- Style, fad, classic, and collection, chic, custom-made, mannequin, fashion show, trend, forecasting, high fashion, fashion cycle, haute couture, couture and couturier. Fashion director, fashion editor, line, knock-off, avant garde, ,apparel and pre- a- porter.				
<b>Unit - II</b>	Design: Definition, Types of design - Structural and Decorative Design, Selection and application of trimmings and decorations. Elements of Design- Line, Shape or Form, Colors, Size and Texture.				
<b>Unit - III</b>	Principles of design: Balance its types - Formal and Informal, Rhythm its types - through repetition, radiation and gradation, Emphasis its types -, Harmony its types – line, shape and idea, Proportion its types - good and bad proportion.				
<b>Unit - IV</b>	Introduction to colour: color theories- Prang color chart system, Dimensions of color - Hue, Value and Intensity. Seasonal colors. Standard color harmonies- Related and contrasting color harmony. Fashion Accessories- shoes, handbags, hats, ties- different types/ shapes.				
<b>Unit - V</b>	Understanding Fashion designers -Indian and international fashion designers. Fashion Model- role of models in the fashion industry. World fashion centers –France, Italy, America and Far eastern countries.				
<b>Outcomes:</b>					
<b>Outcome 1</b>	Enable the students to identify and apply the fashion terms <i>Questions: Define, Describe, Find, How, Label, List, Match, Name, Relate, Recall, Show, What, Why</i>				<b>K1</b>
<b>Outcome 2</b>	To identify and design using the design elements <i>Questions:define,describe,apply,identify,relate,how,,compare,design</i>				<b>K2</b>
<b>Outcome 3</b>	To educate the students to apply design principles in creative work <i>Questions:understand,analyze,apply,create,explore</i>				<b>K3</b>
<b>Outcome 4</b>	To improves practise at using color with varied paint and techniques, define and uses plain color contrast from contrast colors, To explore and design different fashion accessories <i>Questions:understand,observe,analyze,study,compare,explore,what,why,how,apply</i>				<b>K4</b>
<b>Outcome 5</b>	To get to know the identity of designers at national and international levels,to get to know about the most prominent capitals of the world. <i>Questions:Understand,analyze,study,research,absorb,why,differentiate,create</i>				<b>K5</b>
<b>Reference and Text Books:-</b>					
<ol style="list-style-type: none"> <li>1. Harriet Goldstein; Vetta Goldstein ; Art in Everyday Life , The Macmillan Company, (1929)</li> <li>2. Gini Stephens Frings; Fashion from Concept to Consumer, Pearson Education Inc, Singapore, 7<sup>th</sup> Edition, (2005).</li> <li>3. Jay Diamond, Ellen Diamond, Fashion Apparel Accessories and Home Furnishings, Pearson Education Inc, Singapore, (2008).</li> <li>4. James Ezekiel, “An Insight Into Fashion History”, Abhishek Publications, 1<sup>st</sup> Edition,(2005).</li> <li>5. Retail Fashion promotion and Advertising – Drake et-al , Macmillan publications company, new york.</li> </ol>					
<b>Online Resources</b>					
<ol style="list-style-type: none"> <li>1 <a href="http://www.edb.utexas.edu/minliu/multimedia/PDFfolder/DESIGN~1.PDF">http://www.edb.utexas.edu/minliu/multimedia/PDFfolder/DESIGN~1.PDF</a></li> <li>2 Fashion Studies –Textbook <a href="http://cbseacademic.in/web_material/doc/fashion_studies/3_XII_Text_Book.pdf">http://cbseacademic.in/web_material/doc/fashion_studies/3_XII_Text_Book. pdf</a></li> </ol>					

Semester-I					
Course Code 84512	Title of the Course	Pattern Making and Garment Construction	P	Credits:4	Hours: 8
<b>Objective</b>	<ul style="list-style-type: none"> <li>➤ To understand the basic fundamentals of pattern drafting and sewing techniques</li> <li>➤ To introduce the fullness in garments</li> <li>➤ To learn about the different garment parts and its variations</li> <li>➤ To understand and develop the basic foundation of garment construction, to learn about the kids garments</li> <li>➤ To understand and to develop the Mens outfits</li> </ul>				
<b>Unit -I</b>	Introduction to pattern, Introduction to sewing machine, machine practice on paper and fabric, fabric grain line, types of fabric folding methods, types of seams and seam finishes				
<b>Unit -II</b>	Types of Garment Hems, Darts, Tucks, Pleats, gathers, Godets, Shirrings, Ruffles, Neck finishings				
<b>Unit -III</b>	Different types of garment components such as types of pockets, types of plackets, types of sleeves, types of yokes, types of collars				
<b>Unit -IV</b>	Preparation of basic bodice-upper torso, construction for the upper torso Preparation of Lower torso, construction for the Lower torso, Create and develop any two types of kids garment				
<b>Unit -V</b>	Prepare a pattern for Mens shirt and construct the same Prepare a pattern for Mens Trousers and construct the same				
<b>Outcomes:</b>					
<b>Outcome 1</b>	To enable the students to understand the various types of seams and finishes & pattern making techniques applied in the garments. <i>Questions: types, classify, understand, techniques, explore, illustrate, find, identify, apply</i>				<b>K1</b>
<b>Outcome 2</b>	To enable the students to understand and apply intersecting design details in to the garment <i>Questions: Types, classify, understand, explore, create, develop</i>				<b>K2</b>
<b>Outcome 3</b>	Students will gain the knowledge regarding different garment components and their construction <i>Questions: understand, classify, compare, types, style, prepare</i>				<b>K3</b>
<b>Outcome 4</b>	Great starting point to develop different pattern silhouette from the basic block, To learn about the Kids garments				<b>K4</b>
<b>Outcome 5</b>	To give knowledge about how to complete a Men's garment				<b>K5</b>
<b>Reference and Text Books:-</b>					
<ol style="list-style-type: none"> <li>1. Cutting &amp; Sewing Theory, Gayathri Verma &amp; Kapil Dev, Asian Publishers, 2015</li> <li>2. Garment Technology for Fashion Designers, Gerry Cooklin, Wiley-Blackwell, USA, 2012</li> <li>3. Garment Manufacturing Technology, EIRI Board, Engineers India Research Institute</li> <li>4. Patternmaking for Fashion Design, Helen Joseph-Armstrong, 4th Edition, Pearson Publication, 2012,</li> </ol>					
<b>Online Resources</b>					
<b>1.Sewing Lessons For Beginners –</b>					
<a href="http://www.go-woman.com/wpcontent/uploads/factsheets/FREE_Sewing_Book.pdf">http://www.go-woman.com/wpcontent/uploads/factsheets/FREE_Sewing_Book.pdf</a>					
2. Practical Sewing and Dress Making - <a href="http://brittlebooks.library.illinois.edu/brittlebooks_open/Books2009-12/allisa0001prasew/allisa0001prasew.pdf">http://brittlebooks.library.illinois.edu/brittlebooks_open/Books2009-12/allisa0001prasew/allisa0001prasew.pdf</a>					
3. Fashion Studies –Text Book <a href="http://cbseacademic.in/web_material/doc/fashion_studies/3_XII_Text_Book.pdf">http://cbseacademic.in/web_material/doc/fashion_studies/3_XII_Text_Book.p df</a>					
4. Principles of Pattern Making & Grading - <a href="http://buc.edu.in/sde_book/fashion_design.pdf">http://buc.edu.in/sde_book/fashion_design.pdf</a>					

<b>Semester-I</b>				
<b>Course Code: 84513</b>	<b>Fashion Sketching and Rendering</b>	<b>P</b>	<b>Credits: 5</b>	<b>Hours: 8</b>
<b>Objective</b>	<ul style="list-style-type: none"> <li>➤ To impart knowledge on design and motif creation</li> <li>➤ To study the color theories and its application in garment design.</li> <li>➤ To understand the croquis head theory</li> <li>➤ To illustrate fashion croquis with styling for different categories</li> <li>➤ To understand and learn the rendering techniques.</li> </ul>			
<b>Unit - I</b>	Introduction to design- Natural, conventional, abstract, Geometric and modern design. Different medium–Pencil (Charcoal, Staedtlers), Poster, Water, Oil, Pastel and Ink.croqui 8,10,12			
<b>Unit - II</b>	Colour and Colour Wheel- value chart and intensity chart. Color Schemes – Monochromatic, Achromatic, Polychromatic, Adjacent, Complementary, Warm, Cool, Rainbow Pastels, Tints and Shades.			
<b>Unit - III</b>	Illustrating Head theory - 10 and 12 heads.			
<b>Unit - IV</b>	Illustrating different styling for different categories Designing garment for Men and Women- different season and occasion. Illustrating fashion croquis drawing. Designing and rendering dress for different season and occasion			
<b>Unit - V</b>	Creating textures for the fabric manipulation.Different brush techniques to bring the fabric textures			
<b>Outcome 1</b>	To create pattern and motif for garment design.croqui figure and poses <i>Questions: Arrange, Choose, Define, Describe, Find, How, List, Match, Name, Relate, Recall, Show, What, Why</i>			<b>K1</b>
<b>Outcome 2</b>	To understand the color composition,color schemes and applying color to bring the textile form of the garment. <i>Questions: classify, compare, convert, Explain, Express, Illustrate, Outline, Relate, Show, Summaries, Translate.</i>			<b>K2</b>
<b>Outcome 3</b>	To understand different head proportions and different postures.Understanding the human body for designing the garment. <i>Question: Construct, Develop, Discover, Identify, Interview, modify, Predict, Practice, Solve.</i>			<b>K3</b>
<b>Outcome 4</b>	Illustrations with garment styling that would make an understanding to illustrate for different seasons in fashion. <i>Question: Categories, Classify, Compare, Distinguish, Generate, Examine, Interpret, Operate, Simplify.</i>			<b>K4</b>
<b>Outcome 5</b>	Illustrations with fabric rendering to bring the style look for the garment. <i>Question: Assess, Choose, Compare, Determine, Evaluate, Explain, Interpret, Justify, Measure, Priorities, Prove, Select.</i>			<b>K5</b>
<b>Reference and Text Books:-</b>				
<ul style="list-style-type: none"> <li>• Fashion design drawing and presentation Patrik John Ireland Batsford Ltd; edition 1982</li> <li>• Fashion design drawing course Caroline Tatham, Julian Seaman Barron's Educational Series; 2011</li> <li>• Technical Drawing for Fashion Design Vol. 2: Garment Source Book (Fashion Textiles) Alexandra Suhner Pepin Press 2012</li> <li>• Fashion illustration for designers By Kathryn Hagen 2004 by Prentice Hall</li> <li>• Fashion Rendering with Color By BinaAbling 2000 by Prentice Hall</li> <li>• Rendering Fashion, Fabrics &amp; Prints- 2nd Edition By M. Kathleen Collussy, Steve Greenberg 2008 by Prentice Hall</li> </ul>				



Semester-I				
Course Code 84514	Pattern and Apparel Manufacturing Techniques	P	Credits: 5	Hours:8
<b>Objective</b>	<ul style="list-style-type: none"> <li>➤ To get trained about the pattern marking Grading methods</li> <li>➤ To enable the students to know about the lay plan applied in the industry</li> <li>➤ To understand the different varieties of machines used in the apparel manufacturing process</li> <li>➤ To enable the students to understand different types of machineries used in the construction part</li> <li>➤ To enable the students to understand the garment packing methods applied in the apparel industry</li> </ul>			
<b>Unit - I</b>	Pattern Making – Method of Pattern Making Drafting - Measurement – Body Measurement, Allowances for Children, Women, and Men’s Garments, Types of Paper Pattern – Principles of Pattern Drafting – Steps in Children and Adults Bodice and Sleeve Patterns, Pattern alteration, Draping –definition, Importance of Draping. Grading – Definition – Principles of Grading			
<b>Unit - II</b>	Pattern Layout – Rules in Pattern Layout – Common Methods for Laying the Pattern – Layout for Asymmetrical Designs, Bold, Striped, Checked and Wavy Design – Economy of Fabrics in Placing Patterns, Alternative techniques if the cloth is insufficient.			
<b>Unit - III</b>	Spreading – Spreading Methods, Equipment and Tools. Marking – Types of Markers – Notches & Drills. Cutting - Cutting Equipment and Tools, Straight Knife Cutting Machine, Band Knife Cutting Machine.			
<b>Unit - IV</b>	Sewing Machines – Parts and Functions of Single, Problems in Sewing Machines and Maintenance, Embroidery machines. Flat lock Machine, over lock Machine, Special Attachments.			
<b>Unit - V</b>	Pressing – The Purpose of Pressing – Categories of Pressing – Means of Pressing – Pressing Equipment and Methods – Pleating – Permanent Press – Garment Folding and Packing. Garment Care and Maintenance – Latest developments in sewing machinery.			
<b>Outcomes</b>				
<b>Outcome 1</b>	Students will understand different methods of pattern making and construction. <i>Questions: Define, Describe, Find, How, Label, List, Match, Name, Relate, Recall, Show, What, Why</i>			<b>K1</b>
<b>Outcome 2</b>	To equip the students to use the materials very efficiently To get knowledge about different lay plans applied in different fabrics <i>Questions: define, describe, apply, identify, relate, how,, compare, design</i>			<b>K2</b>
<b>Outcome 3</b>	To educate student to know about different departments & different machineries used in the garment industry <i>Questions: define, describe, apply, identify, relate, how,, compare</i>			<b>K3</b>
<b>Outcome 4</b>	Student will understand the working process, applications and special features about the sewing machineries <i>Questions: understand, observe, analyze, study, compare, explore, what, why, how, apply</i>			<b>K4</b>
<b>Outcome 5</b>	Student will understand about different garment packing methods and machineries involved in the process of finishing department			<b>K5</b>
<b>Reference and Text Books:-</b>				
<ol style="list-style-type: none"> <li>1. Tailoring- Bhattarams Reprographics (P) Ltd., Chennai, 1991.</li> <li>2. Draping for fashion design by Hilde Jaffe Nurie Relis, Dorling Kindersley India Pvt.Ltd,2009</li> <li>3. Apparel manufacturing” Hand book – analysis, principles and practice, by Solingar Jacob , Columbia Boblin media Corp(1988)</li> <li>4. Industrial engineering in apparel production by V.Ramesh Babu, Woodhead publishing India Pvt Ltd (2012)</li> <li>5. Gerry cooklin Revised by Steven Hayes and John Mc Logline, Introduction to clothing manufacture, Black well science publishing-(2007 Revised).</li> </ol> <p>“The Technology of clothing manufacture”, by Harold Carr and Barbara Latham, Second edition, Black Well Publishing (1999).</p>				



Semester-II					
Course Code 84521	Title of the Course	Fundamentals of Textiles	T	Credits: 4	Hours: 6
<b>Objectives:</b>	<ul style="list-style-type: none"> <li>To learn about the different fibers involved in the fabric forming</li> <li>To enable to understand fiber to yarn process</li> <li>To educate the students about weaving and knitting process and its types</li> <li>To educate the students to understand the textile wet processing</li> <li>To educate the students to know about the special treatment applied on the fabric finishing</li> </ul>				
<b>Unit - I</b>	Introduction to Textile Fibers – Classification of Textile Fibers: Natural fibers – Cotton – Jute –Wool – Silk. Regenerated Cellulose fiber – Viscose, Acetate Rayon. Man-Made fiber – Nylon fiber – Polyester fiber				
<b>Unit - II</b>	Conventional Spinning- Ginning – Blow Room- Carding- Drawing- Drafting – Combing- Roving. Yarn twist- types of twist, Wet, Dry, Melt Spinning –yarns – simple and Fancy Yarns, classification Properties and Uses – Sewing threads – Manufacturing process.				
<b>Unit - III</b>	Weaving introduction - Weaving preparatory-weaving Mechanism- Weave types – Plain, Twill, Satin, Sateen, Honeycomb, Huckaback, Terry, Dobby, and Jacquard. Knitting: definition, terminologies, Single Jersey, Double Jersey, Rib Knit Structure- Interlock Knit Structure –Warp knitting - Non Woven- Introduction – Types - Non Woven Techniques – Applications				
<b>Unit - IV</b>	Dyeing – Classification of Dyes – Direct, Acid, Basic, Reactive, Vat, Disperse, Eco Friendly Dyes, Tie and Dye .Type of Dyeing Machines – Hank, Beam, Jigger, Winch, Jet, Soft Flow Dyeing Machines. Printing: Introduction – Different Types of Printing – Screen, Roller, Rotary- different styles of –Discharge, Resist, and Pigment – Curing.				
<b>Unit - V</b>	Finishing: Classification of finishing-wrinkle free, water repellent, waterproof finishing, UV- Finish, flame retardant finishes, Antimicrobial finish, Mildew and Moth finish, Drying and Calendaring.				
<b>Outcomes:</b>					
<b>Outcome 1</b>	Enable the students to understand different types of fibers and its classifications Questions: Arrange, Choose, Define, Describe, Find, How, Label, List, Match, Name, Relate, Recall, Show, What, Why				<b>K1</b>
<b>Outcome 2</b>	Students will learn about process,methods,types,Machines involved in the process of making yarn Questions: classify,compare, convert, Explain, Express, Illustrate, Outline, Relate, Show, Summaries, Translate.				<b>K2</b>
<b>Outcome 3</b>	Student will understand the process involved in the fabric manufacturing Question: Construct, Develop, Discover, Identify, Interview, modify, Predict, Practice, Solve.				<b>K3</b>
<b>Outcome 4</b>	Student will understand the different types of printing,machines,styles involved in the fabric finishing process Questions:understand,observe,analyze,study,compare,explore,what,why,how,apply				<b>K4</b>
<b>Outcome 5</b>	Students will understand about the different fabric finishings <i>Questions:Understand ,analyze,study,research,absorb,why,differentiate,create</i>				<b>K5</b>
<b>Reference and Text Books:-</b>					
<ol style="list-style-type: none"> <li>Bernard P. Corbman, Textiles Fibre to Fabric, 6<sup>th</sup> edition, Mc. Graw Hill International Editions, New York,1983, 1996.</li> <li>Fabric Structure and Design by N.Gokarneshan, New Age International (2009).</li> <li>Anbumani, Knitting Manufacturing Technology, New Age International, Chennai, (2006).</li> <li>Fabric Finishing by Dr. Nalankallai, new age International (2000).</li> <li>Technology of Textile Processing, Vol 3, 4, 6, 10. by Shenai V.A, Sevak Publications , Mumbai (1996).</li> </ol>					
<b>Online Resources</b>					
Hand Book of Technical Textiles <a href="https://textInfo.files.wordpress.com/2012/10/handbook_of_technical_textile_.pdf">https://textInfo.files.wordpress.com/2012/10/handbook_of_technical_textile_.pdf</a> 2 Textiles & Clothing - <a href="http://www.textbooksonline.tn.nic.in/books/11/stdxi-voc/textiles-em.pdf">http://www.textbooksonline.tn.nic.in/books/11/stdxi-voc/textiles-em.pdf</a> 3 Fabric Study - <a href="http://cbse.nic.in/publications/vocational/Fashion%20Design%20and%20Garment%20Technology/Fabric%20Study%20%20(Textbook%20+%20Practical%20Manual)%20XII.pdf">http://cbse.nic.in/publications/vocational/Fashion % 20Design% 20and% 20Garment% 20Technology/Fabric% 20Study% 20% 20(Textbook% 20+% 20Practical% 20Manual)% 20XII.pdf</a> 4 Fiber to Fabric - <a href="http://www.nios.ac.in/media/documents/SecHmscicour/english/Home%20Science%20(Eng)%20Ch-10.pdf">http://www.nios.ac.in/media/documents/SecHmscicour/english/Home%20Science%20(Eng)%20Ch-10.pdf</a>					

Semester-II					
Course Code 84522	Title of the Course	Surface Embellishments	P	Credits: 4	Hours:8
<b>Unit –I</b>					
<b>Objectives</b>	<ul style="list-style-type: none"> <li>• Students should be able to identify different types of embroidery</li> <li>• To educate the students to identify the different traditional embroidery types and values</li> <li>• To enable the students to understand the Surface ornamentation technique</li> <li>• To learn about one of the dyeing techniques</li> <li>• To enable the students to understand and prepare a creative samples</li> </ul>				
<b>Unit - I</b>	Overview of Embroidery- Safety Precautions to be followed in the lab- Tracing Methods and Precautions used during Tracing- Enlargement & Reduction of Designs. Fancy Embroidery stitches- Romanian, fishbone, fly, couching, magic chain, kamal stitch, and feather. Aari work. Preparation of pillow cover and embellish the same with embroidery.				
<b>Unit - II</b>	Traditional embroideries- kutch work, kantha of Bengal, Chickenkari of Punjab- prepare a wall hanging using any of the traditional embroidery.				
<b>Unit - III</b>	Prepare the sample using the Smocking technique. Prepare cushion cover with smocking technique.				
<b>Unit - IV</b>	Preparation of tie & dye, batik samples. Develop a product with any one technique.				
<b>Unit - V</b>	Preparation of samples for the following—quilt, tassel, fringers, cutwork, lace work, patch work, mirror work, appliqué work, bead and sequins work, Liquid embroidery, Develop a product with any one technique.				
<b>Outcomes</b>					
<b>Outcome 1</b>	Students will develop skills and knowledge relating to historical and contemporary application of needle point Questions: Arrange, Choose, Define, Describe, Find, How, Label, List, Match, Name, Relate, Recall, Show, What, Why				<b>K1</b>
<b>Outcome 2</b>	Students will be able to contribute to achieve quality in traditional method of hand embroidery Questions: classify, compare, convert, Explain, Express, Illustrate, Outline, Relate, Show, Summaries, Translate.				<b>K2</b>
<b>Outcome 3</b>	Through smocking technique students can prepare the garment in more creative way Question: Construct, Develop, Discover, Identify, Interview, modify, Predict, Practice, Solve.				<b>K3</b>
<b>Outcome 4</b>	To experiment with creating designs using tie and dye Questions:understand,observe,analyze,study,compare,explore,what,why,how,apply				<b>K4</b>
<b>Outcome 5</b>	Students will learn and able to create different embellishment techniques Questions:Understand , analyze,study,research,absorb,why,differentiate,create				<b>K5</b>
<b>Reference and Text Books:-</b>					
Hand Embroidery stitches for everyone - by <u>ubyAleyas Koll</u> (Author), Traditional Indian Textiles - by John Gillow and Nicholas Barnard					

Semester-II					
Course Code 84523	Title of the Course	Fashion Collection & Realization	P	Credits: 5	Hours:8
<b>Objectives</b>	<ul style="list-style-type: none"> <li>To get trained Fashion collection creation and research of the process</li> <li>To develop portfolio boards with computer application</li> <li>To understand the different varieties of materials and its application on the garment.</li> <li>To enable the students to develop a flat sketch in software</li> <li>To have an understanding of design presentation combined with photography and makeover skills</li> </ul>				
<b>Unit - I</b>	Trend Forecasts Rationale (Theme Write Up, Mind map, Concept map) Mood Board – With Research - Literature study, Visual Study, Market study				
<b>Unit - II</b>	Customer Profile (Client board) Colour Board				
<b>Unit - III</b>	Material exploration Fabric Sourcing – Presentation (Fabric swatches) Design Development Accessory Board				
<b>Unit - IV</b>	Illustration (Design development) Flat Sketches (Range block, Color block, Final Range) Spec sheet development of the final design				
<b>Unit - V</b>	Pattern Making and Garment Construction- 4 Garments Fashion Photography Designer show or Garment exhibition (Four garments)				
<b>Outcomes</b>					
<b>Outcome 1</b>	Students will understand the process of creating a fashion collection by implying methods of fashion process.				<b>K1</b>
<b>Outcome 2</b>	Students will be using computer based applications/ softwares to create boards				<b>K2</b>
<b>Outcome 3</b>	To educate students to know about different fabrics, its texture, material application (Printing, embroidery, sewing techniques, dying, cut & sew etc.,) Questions:define,describe,apply,identify,relate,how,compare				<b>K3</b>
<b>Outcome 4</b>	Student will understand the working process softwares and will be learning to make tech sheets (Design development)				<b>K4</b>
<b>Outcome 5</b>	Students will learn to create patterns, toil of the garment and will make the actual garment, fit checks, photography and exhibition of garments				<b>K5</b>

Semester-II					
Course Code 84524	Title of the Course	Sustainable Fashion	T	Credits: 5	Hours:8
<b>Objectives</b>	<ul style="list-style-type: none"> <li>To develop students' awareness, understanding and knowledge in: Global &amp; National Environmental, Sustainable &amp; Ethical issues and agendas facing the world today.</li> <li>The causes of environmental impact, local, national and global.</li> <li>Issues of ethics within industries and business.</li> <li>The role of consumerism and capitalism in national and global environmental and ethical issues</li> <li>The roles and impact designers have on the natural resources and the environment.</li> </ul>				
<b>Unit - I</b>	Climate Change & Global Warming Pollution Resource depletion Capitalism Consumerism and the throw away society Genetically Modified Species				
<b>Unit - II</b>	Ethical issues – workers rights, exploitation, sustainable wages, conditions & health & safety.				
<b>Unit - III</b>	Sustainable & Ethical focused Organizations, bodies and Agencies Greenpeace Earth Day Network Ethical Fashion Forum United Nations Fair Trade World Wildlife Fund (WWF) Others				
<b>Unit - IV</b>	Environmental Impact: (Giant Industry Impacts) Oil Mining Timber Fishing Fashion and Textiles				
<b>Unit - V</b>	Innovations in sustainable thinking for the future UN Sustainable Development Goals The Paris Climate Agreement Ocean Clean-Up Others				
<b>Outcomes</b>					
<b>Outcome 1</b>	Analyze the sustainability challenges facing designers, product developers, and consumers Questions: Define, Describe, Find, How, Label, List, Match, Name, Relate, Recall, Show, What, Why				<b>K1</b>
<b>Outcome 2</b>	Identify the seven main forms of sustainable fashion consumption Questions: define, describe, apply, identify, relate, how, compare, design				<b>K2</b>
<b>Outcome 3</b>	Examine effective best practices of contemporary industry initiatives toward sustainability; Questions: understand, analyze, apply, create, explore				<b>K3</b>
<b>Outcome 4</b>	Compare sustainability practices over the past twenty years for specific designers/companies Questions: understand, observe, analyze, study, compare, explore, what, why, how, apply				<b>K4</b>
<b>Outcome 5</b>	To get to know the future development in sustainability Questions: Understand, analyze, study, research, absorb, why, differentiate, create				<b>K5</b>
<b>Reference and Text Books:-</b>					
Introduction to Sustainability Paperback – 2016 by Robert Brinkmann (Author) Sustainability in Interior Design Book by Sian Moxon Environmental Studies, M.P. Poonia & S.C. Sharma, Khanna Publishing House O.P. Gupta, Energy Technology, Khanna Publishing House, 2018.					
Both eyes open <a href="https://www.youtube.com/watch?v=WPRgRBxfbss">https://www.youtube.com/watch?v=WPRgRBxfbss</a> - Green Building Concepts-3.0					