



KONGU ARTS AND SCIENCE COLLEGE

(An Autonomous Institution, Affiliated to Bharathiar University, Coimbatore)

ERODE – 638 107

PROGRAM NAME

**M.Sc. (Costume Design &
Fashion)**



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ERODE – 638 107

2017-2018



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SYLLABUS

Sem	Course Code	CORE PAPER - II INDIAN TEXTILE INDUSTRY	Total Marks : 100		Hours Per Week	Credits
			CIA : 25	ESE : 75		
I	17PBGCT102				6	4

OBJECTIVES

- To enable the students to learn about export promotion and trade development
- To impart knowledge on advance commercial and technical education
- To educate the technological developments in textile industry

UNIT- I

An overview of Indian Textile Industry- Structure and Growth- Role of Indian Textile Industry in the Indian economy- Current scenario – SWOT Analysis. Various Categories - Cotton industry, Woolen industry, Silk industry, Rayon and Manmade textile industry, Ready-made garment industry and Jute industry.

UNIT- II

Recent Five year plan schemes for the textile Industry. Organisations related to the textile and clothing industry: Export Promotion Councils, Autonomous Bodies, Statutory Bodies, South Indian Mills Association, Khadi and Village Industries Commission. Textile Research Associations. Concept of GATT and MFA. WTO and its functions.

UNIT- III

Recent developments in fibres- Banana fiber, Bamboo fibre, Corn fiber, Soyabean protein fiber, Lyocell, Poly Lactic Acid (PLA) fiber, Alginate, Collagen, Chitosan and Spider silk.

Technological developments in Yarn Industry – Rotor spun yarns, Ring spun yarns, Air- jet spun yarns, Compact spun yarns, Core spun yarns, Textured yarns and Fancy yarns.


UNIT – IV

Developments in Weaving – Shuttleless looms; Developments in Knitting – Weft Knitting, Warp Knitting, Seamless Knitting Technology – Developments in Garment Industry – Machinery Developments. Application of CAD/CAM.

UNIT- V

Technological developments in Processing industry- Plasma treatment, Ultrasonic treatment, Foam application, Enzyme treatments - Latest developments in Dyeing- Novel Printing Techniques- Recent developments in Textile and garment Finishes.




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TEXT BOOKS:

The Standard Handbook of Textiles – A. J. Hall, Woodhead Publishing Ltd, Cambridge (2004)


BOOKS FOR REFERENCE:

1. Fiber Science and Technology – Premamoy Ghosh, Tata McGraw- Hill Publishing Company Ltd, New Delhi (2004).
2. Elements of Fiber Science – William S Murphy, Abhishek Publications, Chandigarh (2002).
3. Spinning, Weaving and Designing – M . G . Mahadevan, Abhishek Publications, Chandigarh (2001).
4. The New Textiles – Trends and Traditions – Chloe Colchester, Thames and Hudson Ltd, London (1996).
5. Textiles - Fiber to Fabric, Bernard P Corbman, 6th edition, Mc Graw Hill Book Co, Singapore (1985).

QUESTION PAPER PATTERN		
Section A	Section B	Section C
10 x 1 = 10 Marks (Multiple choice, Four options) Two questions from each unit	5 x 7 = 35 Marks (Either or choice) Two questions from each unit	3 x 10 = 30 Marks Answer any three Questions One Question from each unit


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Sem	Course Code	CORE PRACTICAL - II DRAPING FOR FASHION DESIGN	Total Marks : 100		Hours Per Week	Credits
I	17PBGCP104		CIA : 40	ESE : 60	5	4

OBJECTIVES

- To enable the students to learn draping to add to their patterning skills
- To familiarize students with draping method to create costumes
- To state the purpose of draping

1. Children's garments

- Jabla
- Knicker
- Romper
- Summer frock
- Party wear

2. Women's garments

- Blouse with three darts
- Middi and Middi Top
- Salwar Kameez
- Princess dress
- Full gown

3. Men's garments

- Shirt and Pant
- Kurta and Pyjama

4. Theme based draping (Any 2 themes)

5. Indian traditional draping (Any 2 styles)

BOOKS FOR REFERENCE:

1. The Art of Fashion Draping, Amaden.C, Om books international publication , Delhi (2005).
2. Draping For Fashion Design, Hilde Jaffe , Nurie Relis, reshan publishing, U.S.A.(2001).
3. Modern Pattern Design, Popin, Harriet, Funk and Wagnalls, New York and London (1996).
4. Design through Draping, Sheldon, Marhta, Burgers Publishing company, Minneapolis, USA (1974).



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Sem	Course Code	CORE PRACTICAL - III DESIGN WITH PRINTS	Total Marks : 100		Hours Per Week	Credits
I	17PBGCP105		CIA : 40	ESE : 60	5	4

OBJECTIVES


- To enable the students to learn various dyeing techniques
 - To imprint the fabric with different printing styles
 - To create their own printed garments
1. Design and construct a garment with Tie and Dye method – Single, double and multi colour
 2. Design and construct a garment with Batik Print – free hand drawing and block – single or double color
 3. Design and construct a garment with Stencil Print using brushing, spraying, Sponging and dabbing methods
 4. Design and construct a garment with Block Printing technique
 5. Design and construct a garment with Screen Printing technique
 6. Design and construct a garment with Fabric Painting by shading and dry stroke

Pattern Making - Draping or Drafting method


For Examination - Prepare the Printed sample and present the garment silhouette in the form of Illustration.

BOOKS FOR REFERENCE:

1. Textile processing – J L Smith, Abhishek publications, Chandigarh (2003).
2. Textiles – Ninth edition, Sara J Radolph and Anna L Langford, Prentice hall, New Jersey (2002).
3. Thickening agents and Emulsion thickenings in textile printing – Herbert Barthm, New Delhi (1994).
4. Beginners Guide to fabric dyeing and printing – Stuart & Robinson, Technical books, London (1982).
5. Textile Chemistry – Peters R H, Vol I, & II, Textile Institute Manchester (1970).


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Sem	Course Code	ELECTIVE PAPER-I(A) FASHION EVENT MANAGEMENT	Total Marks : 100		Hours Per Week	Credits
			CIA : 25	ESE : 75	4	3
I	17PBGET106					

OBJECTIVES

- To impart awareness on various fashion events.
- To learn the various practical steps required for successful organization of fashion events.
- To gain practical knowledge related to the coordination of different activities.

UNIT-I

Introduction to event management and fashion anatomy, principles of event management-key roles, purpose and types fashion events- fashion show, fairs, trade show & product launch. Role of an event coordinator-administration, design, marketing, operations, risk and creating an event plan.

UNIT – II

Fashion event planning requirements - theme creation, targeting the audience/vendors, schedule planning and finding a venue, budget, guest lists and invitations. Organizing the required committees, preparing duty charts, source of finance, pre and post event promotions.

UNIT - III

Fashion event venue requirements - stage/ booth design, lighting and allied audio- visual effects, seating patterns and plan, preparation of programme booklet, catering arrangements and progress monitoring through checklists

UNIT - IV

Catwalk presentation requirements – merchandise selection, models selection, music and choreography, final show sequence rehearsals and wardrobe assistants.

UNIT – V

Pre-show marketing and post show follow-up, building media relations, preparing press release and media kit, SWOT analysis of fashion event, ensuring legal compliance, safety & security, licenses and permissions to be obtained, risk management for prevention of hazards, security for people and merchandise.



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TEXT BOOK:

“The Business of Fashion”, Burns , L D and Bryant, N.O.Third Edition , Fair Child Publications, Inc, New York (2007).

BOOKS FOR REFERENCE:

1. “ Guide to Producing Fashion Shows” Judith E and Kristen S.K Third Edition, Fairchild Publications, New York (2012).

2. “How To Produce a Fashion Show- from A to Z” , Paula .T, , Pearson Prentice Hall New York (2012).

QUESTION PAPER PATTERN		
Section A	Section B	Section C
10 x 1 = 10 Marks (Multiple choice, Four options) Two questions from each unit	5 x 7 = 35 Marks (Either or choice) Two questions from each unit	3 x 10 = 30 Marks Answer any three Questions One Question from each unit

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Sem	Course Code	CORE PAPER – III RESEARCH METHODOLOGY	Total Marks : 100		Hours Per Week	Credits
			CIA : 25	ESE : 75	7	4
II	17PBGCT201					

OBJECTIVES

- To enable the students to attain knowledge in basic concepts of research
- To evaluate the components using statistical skills
- To motivate for scholarly writing

UNIT -I

Research - Definition - Objectives - Types of Research - Significance of Research - Research Process. Research Problem - Sources, Identification, Selection and Statement, Review of related literature

UNIT-II

Research Design - Meaning, Different research designs, Basic Principles of experimental designs. Developing a Research Plan. Sampling: Census and Sample survey, Steps in sampling design, Criteria for selecting a sampling. Procedure, Characteristics of a good sample design, Different types of sample designs.

UNIT – III

Methods of data collection – Observation method, Interview method, Questionnaire Data processing and analysis - Collection, Classification, Tabulation, Graphical representation and Data analysis.


UNIT-IV

Meaning and scope of Statistics - Role of Statistics in research, Measures of Central Tendency and Dispersion, Correlation, Co-efficient of Correlation and its Interpretation, Rank Correlation, Regression equations - predictions and problems.

UNIT- V

Elements of testing of a statistical hypothesis, Formulation of the problem. Definition of type - I and type-II errors, Level of significance, large sample test for proportions. Difference in proportions for means and difference in means. Application of students test for small samples for single mean, Difference in means - Non-parametric test: Application of Chi-square test, ANOVA test.




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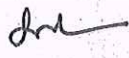
TEXT BOOKS

1. Research Methodology, C R Kothari, Published by K K Gupta for New Age International (P)Ltd, New Delhi (2002).Units – I, II and III
2. An Introduction to Statistical Methods, S P Gupta, Vikas Publishing House, New Delhi (1989).Units – IV and V


BOOKS FOR REFERENCE:

1. Research Methodology – R.Paneerselvam, Eastern Economy Edition, New Delhi (2004).
2. Introduction to Research in Education- Ary, Hort Reinhart, Sterling Publications (1982).
3. Research in Education- Best J N,Prentice Hall, Delhi (1979).
4. Statistics - G A Zeaf, Vol 1 &2, Textile Institute Manchestor (1984).

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Sem	Course Code	CORE PAPER-IV APPAREL QUALITY STANDARD AND IMPLEMENTATION	Total Marks : 100		Hours Per Week	Credits
			CIA : 25	ESE : 75		
II	17PBGCT202				5	4

OBJECTIVES

- To impart basic knowledge about quality
- To focus on inspection systems
- To educate about the importance of eco friendly textiles

UNIT- I

Introduction to quality standards, importance, benefits, levels and sources of quality, standards, ISO Standards for the Apparel Industry- ISO 9000 and 14000 standards - Total quality Management system, OEKO Tex 100 standards.

UNIT- II

Sensitizing dye stuffs - allergic dyes - carcinogenic amines - Eco management in textiles and apparel industries, Eco mark, Eco labeling and Environment friendly textiles. Garment defects.- cutting defects, sewing defects, assembling defects, pressing, finishing and packaging defects ..

UNIT- III

Eco specification and restrictions in apparel and textile industries- dry cleaning using ozone depleting chemicals, formaldehyde contents, heavy metal contents, Pesticides and herbicides, azo dye stuffs, Nickel contents. Pentachlorol phenols, brighteners and softening Agents.

UNIT- IV

Starting a quality control program, implementation of quality systems in production line, product specifications and analysis using analytical tools. Quality management through Inspection, Testing and seven quality tools

UNIT- V

Quality costs and customer returns; Inspection procedures, Acceptable Quality Level and quality control. Care labeling of apparel and textiles

TEXT BOOK

Managing quality in apparel industry, Pradeep V Mehta, NIFT Publications, New Delhi (1998)

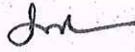


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BOOKS FOR REFERENCE:

1. . Textile Testing, P. Angappan & Gopala Krishnan, SSM Institute of Textile Technology, JK. Publications, Komarapalayam (2002).
2. Modern Technology of Textile Dyes & Pigments, H.Panda, NII publication, Delhi (1999).
3. An Introduction to quality control for the apparel industry, Mehta P V, Marcel Dekker, J.S.N International, Cornell University, New York (1985)

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ACTIVITIES



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DEPARTMENT OF COSTUME DESIGN AND FASHION


ORIENTATION PROGRAMME

The Department of Costume Design and Fashion conducted an **Orientation Programme** on present scenario in fashion industry for all UG and PG students on **19.07.2017** by **Mr.K.R.Ashok**, Proprietor **Apple Exports, Tirupur**




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DEPARTMENT OF COSTUME DESIGN AND FASHION

GUEST LECTURE ON “TECHNICAL TEXTILES”

The Department of Costume Design and Fashion organized a Guest Lecture on “**Technical Textiles**” for PG students on **20.09.2017** by **Dr.M.Parthiban**, Assistant Professor, Department of Fashion Technology, PSG College of Technology, Coimbatore. The objective of this programme is to develop knowledge about Technical Textiles to the PG Students.



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DEPARTMENT OF COSTUME DESIGN AND FASHION
ORGANIZES


GUEST LECTURE ON TECHNICAL TEXTILES

CHIEF GUEST:
Dr M Parthiban,
Assistant Professor,
Department of Fashion
Technology,
PSG College of Technology,
Coimbatore

ON:
20-09-2017


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DEPARTMENT OF COSTUME DESIGN AND FASHION


WORKSHOP ON SCREEN PREPARATION AND SCREEN PRINTING

The Department of Costume Design and Fashion Organized Workshop on **Screen Preparation and Screen printing** for final year UG and all PG students by **Mr.Palanivel, Sakthi Bharath Screen makers**, Erode on **22.09.2017**. The objective of this workshop is to impart knowledge on Screen Preparation and Screen printing techniques.




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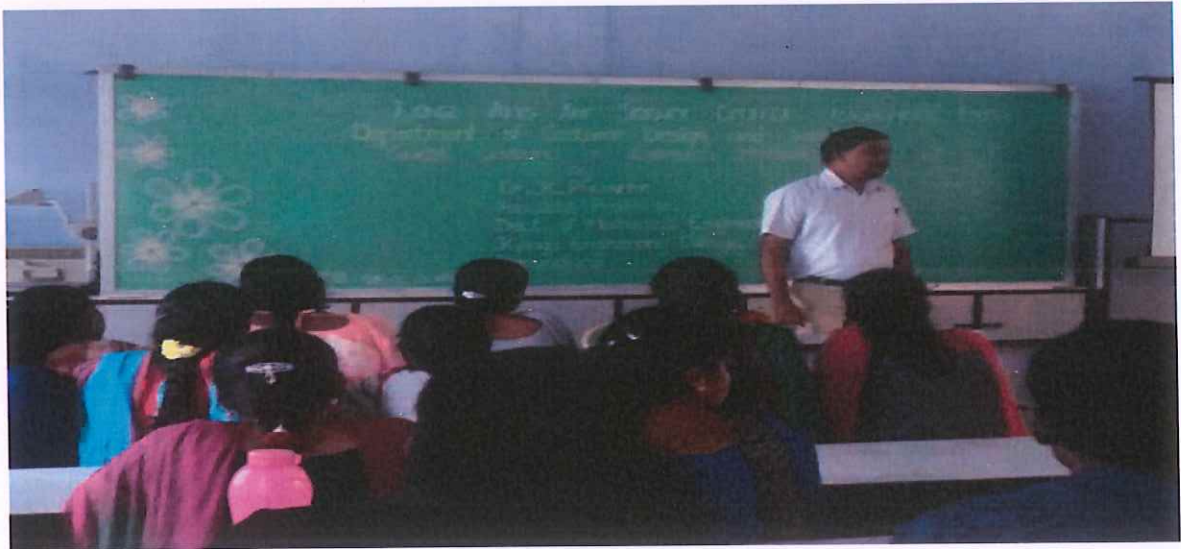
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DEPARTMENT OF COSTUME DESIGN AND FASHION


GUEST LECTURE ON “RESEARCH METHODOLOGY”

The Department of Costume Design and Fashion organized a Guest Lecture on “**Research Methodology**” for PG students on **08.01.2018** by **Dr.K.Ponappa, Associate Professor**, Department of Mechanical Engineering, Kongu Engineering college, Perundurai. The objective of this programme is to develop knowledge about research to the PG Students.




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