

GUJARAT TECHNOLOGICAL UNIVERSITY, AHMEDABAD, GUJARAT
COURSE CURRICULUM

Course Title: Design Concepts and Details
(Code: 3315105)

Diploma Programmes in which this course is offered	Semester in which offered
Computer Aided Costume Design and Dress Making	First Semester

1. RATIONALE

This course will provide hands on experiences to students specifically related to design concepts associated with Clothing construction, Art and design and Textile science .The content covered in the courses of Clothing construction , Art and design and Textile science help the students in carrying out the design aspects through illustration. Students will be able to learn through this course about structural designs, applied design and the drape of the fabric.

2. LIST OF COMPETENCIES

The course content should be taught and implemented with the aim to develop different types of skills leading to the achievement of the following competencies

- i. **Illustrate different types of design effects required for costume design and dress making by drawing and sketching.**

3. TEACHING AND EXAMINATION SCHEME

Teaching Scheme (In Hours)			Total Credits (L+T+P)	Examination Scheme				Total Marks
L	T	P		Theory Marks		Practical Marks		
L	T	P	C	ESE	PA	ESE	PA	100
0	0	4	4	0	0	40	60	

Legends: L-Lecture; T – Tutorial/Teacher Guided Theory Practice; P - Practical; C – Credit;
ESE - End Semester Examination; PA - Progressive Assessment.

4. DETAILED COURSE CONTENTS

For this course there is no specific course content however for conducting above practices student should know/understand following course contents.

Unit VI to Unit X of the Course Clothing Construction Course Code 3315101

Unit V of the Course Textile Science Course Code 3315104

Unit II to Unit IV of the Course Art and Design Course Code 3315103

5. SPECIFICATION TABLE (for theory)

There is no theory paper and hence specification table for theory is not applicable

6. SUGGESTED LIST OF EXERCISES/PRACTICALS

The exercises should be properly designed and implemented with an attempt to develop different types of skills leading to the achievement of the competency

Sr. No.	Unit No.	Experiment
1	VI(3315101)	Draw different types of darts.
2	VI(3315101)	Draw different types of tuck.
3	VI(3315101)	Draw different types of pleats <ul style="list-style-type: none"> • Accordion or Crystal • Knife pleats • Box pleats • Inverted box pleats
4	VI(3315101)	Draw different types of Ruffles <ul style="list-style-type: none"> • Circular ruffles • Straight ruffles
5	VI(3315101)	Draw different types of Trimmings <ul style="list-style-type: none"> • Top stitching • Tucking • Fagotting • Insertion • Shirring • Braiding • Cording • Rick-rack • Bias binding • Quilting • Smocking • Ribbon • Laces • Edging • Eyelet • Plaiting
6	X(3315101)	Draw different types of buttons, Plackets openings

7	V(3315104)	Sketching Stripes, Checks or Plaids
8	V(3315104)	Draw following Fabric falls and drapes <ul style="list-style-type: none"> • Crape • Soft and Sheer • Lace • Tulle and net • Organdies • Satin • Velvet • Taffeta
9	V(3315104)	Draw following Textures and Patterns <ul style="list-style-type: none"> • Diagonal • Herringbone • Basket weave • Glen plaids • Corduroy
10	IV(3315103)	1 Draw different types of motifs.(5 Motifs each) <ul style="list-style-type: none"> • Natural <ul style="list-style-type: none"> 1..1 Floral motifs 1..2 Animal motifs • Geometric Design • Abstract Design • Man-made motifs • Decorative motifs • Nursery Design Polka dot Design
11	II(3315103)	Sketch only outline of different types of faces such as round, oval, triangular, square and basic drawing of hand with fingers.

7. SUGGESTED LIST OF PROPOSED STUDENT ACTIVITIES

Following is the list of proposed student activities like: course/topic based seminars, internet based assignments, teacher guided self learning activities, course/library/internet/lab based mini-projects etc. These could be individual or group-based.

8. SUGGESTED LEARNING RESOURCES

A. List of Books

S.No.	Author	Title of Books	Publication
1	Pratricia L. Rowe	Shorthand fashion sketching.	Fairchild Publications, Inc. Newyork-10003
2	It has no Author	Complete guide to sewing	Reader's Digest
3	Marian L Devis	Visual Design in Dress	

B. List of Major Equipment/ Instrument:

Engineering drawing Instruments

C. List of Software/Learning Websites**9. COURSE CURRICULUM DEVELOPMENT COMMITTEE****Faculty Members from Polytechnics**

- **Prof. Ms. Ila. J. Dave** HOD CACDDM Dept. Sir B.P.T.I. Bhavnagar
- **Prof. Nirza A. Atrey** I/C HOD CACDDM, GGP, Ahmedabad
- **Ms. Kanchana P. Shah** I/C HOD CACDDM ,C.U. Shah Polytechnic, Surendranagar
- **Ms. Farjana V. Kugashiya**, Lecturer ,CACDDM, GGP, Ahmedabad
- **Ms. Punita J. Virani** , Lecturer, CACDDM, Sir B.P.T.I. Bhavnagar

Co-ordinator and Faculty Member from NITTTR Bhopal

- **Prof. Mrs. Chanchal Mehra**, Associate Professor, Department of Vocational Education and Entrepreneurship Development, NITTTR, Bhopal