

## GUJARAT TECHNOLOGICAL UNIVERSITY, AHMEDABAD, GUJARAT

### Course Curriculum

#### ADVANCE CLOTHING CONSTRUCTION (Code: 3335107)

| Diploma Programmes in which this course is offered | Semester in which offered |
|----------------------------------------------------|---------------------------|
| Computer Aided Costume Design and Dress making     | 3 <sup>rd</sup> Semester  |

### 1. RATIONALE

This course will provide proficiency in upper garments for children, males & females. The course Clothing construction (3315101) and pattern making (3325103) are pre requisite for this course. This is a practice based course and it would require application of most of the knowledge and skills acquired by students in other courses in first and second semesters. The skills to be acquired by this course would help diploma passouts in planning and supervising operations in industry efficiently and maintaining the quality of products. Students therefore should try to master these skills.

### 2. COMPETENCIES (Programme Outcome according to NBA Terminology):

The course content should be taught and with the aim to develop different types of skills so that students are able to acquire following competencies:

- i. Design, cut & stitch the upper garments for males & females.
- ii. Design, cut & stitch varieties of skirts.

### 3. TEACHING AND EXAMINATION SCHEME

| Teaching Scheme<br>(In Hours) |   |   | Total<br>Credits<br>(L+T+P) | Examination Scheme |    |                 |    | Total<br>Marks |
|-------------------------------|---|---|-----------------------------|--------------------|----|-----------------|----|----------------|
|                               |   |   |                             | Theory Marks       |    | Practical Marks |    |                |
| L                             | T | P | C                           | ESE                | PA | ESE             | PA |                |
| 0                             | 0 | 4 | 4                           | 00                 | 00 | 40              | 60 | 100            |

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

### 4. DETAILED COURSE CONTENT

---Not Applicable ---

## 5. SUGGESTED SPECIFICATION TABLE WITH HOURS & MARKS (THEORY)

--Not Applicable --

## 6. SUGGESTED LIST OF EXERCISES/PRACTICAL

The practical/exercises should be properly designed and implemented with an attempt to develop different types of practical skills (**Course Outcomes in psychomotor and affective domain**) so that students are able to acquire the competencies (Programme Outcomes). Following is the list of practical exercises for guidance.

**Note:** Here only Course Outcomes in psychomotor domain are listed as practical/exercises. However, if these practical/exercises are completed appropriately, they would also lead to development of **Programme Outcomes/Course Outcomes in affective domain** as given in a common list at the beginning of curriculum document for this programme. Faculty should refer to that common list and should ensure that students also acquire those Programme Outcomes/Course Outcomes related to affective domain.

| S. No. | Unit No. | Practical/Exercises<br>(Course Outcomes in Psychomotor Domain according to NBA Terminology)                              | Approximately Hours |
|--------|----------|--------------------------------------------------------------------------------------------------------------------------|---------------------|
| 1      |          | Prepare basic upper block for children.                                                                                  | 2                   |
| 2      |          | Design shirts for children (Three different designs)                                                                     | 3                   |
| 3      |          | Draft, cut and stitch a children shirt (Age group: 8-10 years).                                                          | 6                   |
| 4      |          | Design frocks. (Three different designs)                                                                                 | 3                   |
| 5      |          | Draft, cut and stitch frock. (Age group: 6-8 years).                                                                     | 6                   |
| 6      |          | Prepare basic upper block for men.                                                                                       | 3                   |
| 7      |          | Design formal shirts. (Three different designs)                                                                          | 3                   |
| 8      |          | Draft, cut and stitch a formal shirt for men.                                                                            | 8                   |
| 9      |          | Design casual shirts. (Three different designs)                                                                          | 3                   |
| 10     |          | Draft, cut and stitch a casual shirt for men.                                                                            | 8                   |
| 11     |          | Prepare basic upper block for ladies.                                                                                    | 2                   |
| 12     |          | Design ladies kurtas. (Three different designs using darts, pleats, tucks, laces, surface embellishment techniques etc.) | 3                   |
| 13     |          | Draft, cut and stitch a ladies simple kurta.                                                                             | 6                   |
|        |          | <b>TOTAL</b>                                                                                                             | <b>56</b>           |

## 7. SUGGESTED LIST OF STUDENT ACTIVITIES

- i. Students will prepare File/journal for the above mentioned Experiments.
- ii. Students will prepare garment as per above details.
- iii. Student will collect photographs from internet which is related to field application of various topics as an assignment.

#### 8. SPECIAL INSTRUCTIONAL STRATEGIES (If Any)

Student should be asked to create the portfolio of their work. A set of rubrics (criteria of assessment with indicators of different level of performance for each type of product) should be prepared by teachers and should be informed to students in advance so that they know the expected level of the performance and try to achieve that. The portfolio should be assessed based on these rubrics.

#### 9. SUGGESTED LEARNING ACTIVITIES

##### A. List of Books

| Sr. No. | Title of Book                     | Author                 | Publication         |
|---------|-----------------------------------|------------------------|---------------------|
| 1.      | Zrafkar                           |                        | Navneet publication |
| 2.      | Pattern making for fashion design | Helen Joseph Armstrong |                     |

##### B. List of Major Equipment/ Instrument

Simple sewing machine, Industrial Sewing machine and attachments of sewing machines (work aids)

##### C. List of Software/Learning Websites

- i. [www.nift.ac.in](http://www.nift.ac.in)
- ii. [aces.nmsu.edu/pubs/\\_c/c-214.html](http://aces.nmsu.edu/pubs/_c/c-214.html)
- iii. [www.ehow.com/facts\\_6794956\\_specifications-clothing-construction.html](http://www.ehow.com/facts_6794956_specifications-clothing-construction.html)
- iv. [gator419.hostgator.com/~bwilson/downloads/category1/Unit 4 - Clothing Construction.ppt](http://gator419.hostgator.com/~bwilson/downloads/category1/Unit 4 - Clothing Construction.ppt)
- v. [www.clothingandtextiles.org/clothing-construction.html](http://www.clothingandtextiles.org/clothing-construction.html)

**10. COURSE CURRICULUM DEVELOPMENT COMMITTEE****Faculty Members from Polytechnics**

- **Prof.(Ms) K. P. Shah**, I/C HOD CACDDM, C U SHAH Poly, Surendranagar
- **Prof.(Ms) R. O. Yadav**, Lecturer CACDDM, C U SHAH Poly, Surendranagar
- **Prof.(Ms) F. G. Kugasiya**, Lecturer CACDDM,GGP, Ahmedabad
- **Prof.(Ms) U. B. Panchal**, Lecturer CACDDM, C U SHAH Poly, Surendranagar

**Faculty Members from NIFT Gandhinagar**

- **Prof. Nupur Chopara**, Assisatnt Professor, Fashion Technology
- **Prof. Vishal Gupta**, Associate Professor, Fashion Design

**Coordinator and Faculty Members from NITTTR Bhopal**

- **Prof. (Mrs.) Chanchal Mehra**, Associate Professor, Department of Vocational Education and Entrepreneurship Development
- **Dr Shashi Kant Gupta**, Professor and Coordinator for State of Gujarat.