

**GUJARAT TECHNOLOGICAL UNIVERSITY (GTU)****Competency-focused Outcome-based Green Curriculum-2021 (COGC-2021)**

Semester - VI

Course Title: **Drape Garment**

(Course Code: 4365108)

Diploma programme in which this course is offered	Semester in which offered
Computer Aided Costume Design and Dress Making	Sixth

**1. RATIONALE**

This course imparts the knowledge of advanced draping using different grain of fabric. It is useful for the students for advanced fashion designing. This knowledge is also required for preparing fashioned garments at par with the industry.

**2. COMPETENCY**

The course content should be taught with the aim to develop required skills so that students are able to acquire following competency:

- **Create variety of dress and garment using advance draping method.**

**3. COURSE OUTCOMES (COs)**

The practical exercises, the under pinning knowledge and the relevant soft skills associated with the identified competency are to be developed in the student for the achievement of the following COs:

- Create off shoulder dresses.
- Construct bias grain garments.
- Create cowl garment using knitted fabric.
- Construct asymmetrical dress.

**4. TEACHING AND EXAMINATION SCHEME**

Teaching Scheme (In Hours)			Total Credits (L+T+P/2)	Examination Scheme				Total Marks
L	T	P		Theory Marks		Practical Marks		
			C	CA	ESE	CA	ESE	
0	-	6	3	00	00	50*	50	100

(\*): For this practical only course, 50 marks under the practical CA has two components i.e. the assessment of micro-project, which will be done out of 10 marks and the remaining 40 marks are for the assessment of practical. This is designed to facilitate attainment of COs holistically, as there is no theory ESE.

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

**5. SUGGESTED PRACTICAL EXERCISES**

The following practical outcomes (PrOs) are the sub-components of the COs. They are crucial for that particular CO at the 'Precision Level' of Dave's Taxonomy related to 'Psychomotor Domain'.

Sr. No.	Practical Outcomes (PrOs)	Unit No.	Approx. Hrs. required
1	Draw design with off-shoulder garment. ( Any two)	1	02
2	Prepare off-shoulder dress and its variations using draping method.	1	18
3	Draw design with bias grain garment. ( Any two)	2	02
4	Prepare bias grain garments using draping method. Examples: bias dress, butterfly twist etc.	2	16
5	Draw design with cowl garment. ( Any two)	3	02
6	Prepare cowl garments with knit fabric using draping method. Examples:-Neck line cowl (high, low back), Arm hole cowl,Cowl skirt, etc.	3	24
7	Draw design with asymmetrical elements/hem in garment. ( Any two)	4	02
8	Prepare a dress with asymmetrical elements/hem using Draping method.	4	18
<b>Minimum Practical Hours</b>		<b>84</b>	

**Note**

- i. More **Practical Exercises** can be designed and offered by the respective course teacher to develop the industry relevant skills/outcomes to match the COs. The above table is only a suggestive list.
- ii. The following are some **sample** 'Process' and 'Product' related skills (more may be added/deleted depending on the course) that occur in the above listed **Practical Exercises** of this course required which are embedded in the COs and ultimately the competency..

Sr. No.	Sample Performance Indicators for the PrOs	Weightage in %
1	Selection of suitable technique for design.	20
2	Use of appropriate material for the selected technique.	20
3	Preparation of the product as per design/Performing the practical as per given instruction.	50
4	Finishing of the product and its presentation.	10
<b>Total</b>		<b>100</b>

**6. MAJOR EQUIPMENT/ INSTRUMENTS REQUIRED**

These major equipment's with broad specifications for the PrOs is a guide to procure them by the administrators to usher in uniformity of practical in all institutions across the state.

Sr. No.	Equipment Name with Broad Specifications	PrO. No.
1.	Dress forms (female): UK size 8 and 10	1,2,3,4
2.	Leg form (female): UK size 8 and 10	1,2,3,4
3.	Steam iron with vacuum table	1,2,3,4
4.	Muslin cloth	1,2,3,4

## 7. AFFECTIVE DOMAIN OUTCOMES

The following **sample** Affective Domain Outcomes (ADOs) are embedded in many of the above mentioned COs and PrOs. More could be added to fulfill the development of this course competency.

- a) Work as a leader/a team member.
- b) Follow safety practices while using instruments and tools.
- c) Follow ethical practices.
- d) Practice environment friendly methods and processes.

The ADOs are best developed through the laboratory/field based exercises. Moreover, the level of achievement of the ADOs according to Krathwohl's 'Affective Domain Taxonomy' should gradually increase as planned below:

- i. 'Valuing Level' in 1<sup>st</sup> year
- ii. 'Organization Level' in 2<sup>nd</sup> year.
- iii. 'Characterization Level' in 3<sup>rd</sup> year.

## 8. UNDERPINNING THEORY

The major underpinning theory is given below based on the higher level UOs of Revised Bloom's taxonomy that are formulated for development of the COs and competency. If required, more such UOs could be included by the course teacher to focus on attainment of COs and competency.

Unit	Major Learning Outcomes (Outcomes' in Psychomotor Domain)	Topics and Sub-topics
<b>Unit- I Off-shoulder dresses</b>	1a. Explore female anatomy and drape off- Shoulder dress. 1b. Describe the development of off-shoulder dress on dress form and its variations by Using draping method.	1.1 Development of off- shoulder dress on dressform and its variations by using draping method.
<b>Unit- II Bias grain garments</b>	2a. Understand the property of Bias fabric and its fall.	2.1 Development of bias grain garments by using draping method Examples: bias dress, butterfly twist etc.
<b>Unit- III Knitted Garment with cowl</b>	3a. Describe the steps to Incorporate draped/ cowl in garments. 3b. State the steps to utilize property of knit fabric and its fall in effective manner.	3.1 Development of Cowl garments by using draping method. Examples:-neck line cowl(high, low back), armhole cowl, Cowl skirt, etc.

<b>Unit– IV Asymmetrical dress</b>	4a. Develop dress with asymmetrical element.	4.1 Development of dress with asymmetrical elements/hem by using draping method.
--	--	--

## 9. SUGGESTED SPECIFICATION TABLE FOR QUESTIONPAPER DESIGN

Unit No.	Unit Title	Teaching Hours	Distribution of Theory Marks			
			R Level	U Level	A Level	Total Marks
<b>Not Applicable</b>						

**Legends:** R=Remember, U=Understand, A=Apply and above (Revised Bloom's taxonomy)

## 10. SUGGESTED STUDENT ACTIVITIES

Other than the classroom and laboratory learning, following are the suggested student-related **co-curricular** activities which can be undertaken to accelerate the attainment of the various outcomes in this course. Students should perform following activities in group and prepare reports of about 5 pages for each activity. They should also collect/record physical evidences for their (student's) portfolio which may be useful for their placement interviews:

- Prepare journals based on practical performed in laboratory.
- Explore internet for latest trends in different types of surface embellishments and advances in technique so applying them, prepare a report/ppt based on it and present it in class. (this activity may be in group of four to five students, and topics may be allotted by faculty)

## 11. SUGGESTED SPECIAL INSTRUCTIONAL STRATEGIES (if any)

These are sample strategies, which the teacher can use to accelerate the attainment of the various outcomes in this course:

- Massive open online courses (**MOOCs**) may be used to teach various topics/sub topics.
- Guide student(s) in undertaking micro-projects.
- 'L' in section No. 4** means different types of teaching methods that are to be employed by teachers to develop the outcomes.
- About **20% of the topics/sub-topics** which are relatively simpler or descriptive in nature is to be given to the students for **self-learning**, but to be assessed using different assessment methods.
- With respect to **section No.10**, teachers need to ensure to create opportunities and provisions for **co-curricular activities**.
- Guide students on how to address issues on environment and sustainability.
- Show video/animation film to demonstrate the different embellishing techniques
- Arrange visit to digital printing, roller and heat transfer printing, and industrial screen printing, computerized embroidery units, Exhibitions, Trade fair etc.
- Give mini projects to students on different type of surface embellishments (this may include history, origin, suitability for which type of fabric and garment, techniques for applying, materials to be used etc.)
- Arrange expert lectures.

## 12. SUGGESTED MICRO-PROJECTS

**Only one micro-project** is planned to be undertaken by a student that needs to be assigned to him/her in the beginning of the semester. In the first four semesters, the micro-project are group-based (group of 3 to 5). However, **in the fifth and sixth semesters**, the number of students in the group should **not exceed three**.

The micro-project could be industry application based, internet-based, workshop-based, laboratory-based or field-based. Each micro-project should encompass two or more COs which are in fact, an integration of PrOs, UOs and ADOs. Each student will have to maintain dated work diary consisting of individual contribution in the project work and give a seminar presentation of it before submission. The duration of the micro project should be about **14-16 (fourteen to sixteen) student engagement hours** during the course. The students ought to submit micro-project by the end of the semester to develop the industry-oriented COs.

A suggestive list of micro-projects is given here. This has to match the competency and the COs. Similar micro-projects could be added by the concerned course teacher:

- Drape Scarf:** Design and create a drape scarf using your choice of fabric. Experiment with different draping techniques, such as bias draping or pleating, to achieve interesting textures and shapes.
- Draped Shawl:** Create a draped shawl or wrap that can be styled in multiple ways. Experiment with different lengths and fabric patterns to make it versatile and stylish.
- Design Drape Garment:** Design a drape garment that can be converted into different styles or worn in multiple ways, such as a dress that transforms into a top or a shawl that can be wrapped in various ways.
- Recycled Fabric Drape Project:** Repurpose old saree/dupatta or fabrics to construct a new drape garment. This project promotes sustainability and creativity in repurposing materials.
- Drape Garment for a Theme:** Create a drape garment inspired by a specific theme, such as nature, culture, or a particular time period. The theme can guide your fabric choices and draping techniques.

## 13. SUGGESTED LEARNING RESOURCES

Sr. No.	Title of Book	Author	Publication with place, year and ISBN
1	Draping for Apparel Design	Armstrong, Helen Joseph	Bloomsbury Publishing PLC ISBN: 9781563671029, 9781563671029
2	The Art of Fashion Draping	Amaden-Crawford Connie	Bloomsbury Publishing PLC ISBN: 9781609012274, 1609012275
3	Draping for fashion design	Hilde Jaffe, Nurie Relis	Pearson ISBN: 9788131726969, 8131726967
4	Metric Pattern Cutting for Children's Wear	Aldrich Winifred	John Wiley & Sons Inc ISBN: 9781405182928, 9781405182928
5	Dress Fitting	Natalie Bray	Blackwell Publication ISBN-13 978-0632064991
6	Knitwear in fashion	Sandy Black	Thames & Hudson ISBN-13 978-0500284018

**14. SOFTWARE/LEARNING WEBSITES**

- <https://www.moodfabrics.com/blog/intro-to-draping-dress-form-muslin-basics/>
- [https://youtu.be/mBY\\_OAX67FE](https://youtu.be/mBY_OAX67FE)
- <https://youtu.be/LeL35tymetI>
- <https://youtu.be/aHq6hOYPxk4>
- <https://youtu.be/u81pNoGEGw0>
- <https://youtu.be/bkcbpBND1CM>
- <https://youtu.be/Rkd4u2ZnOis>

**15. PO-COMPETENCY-CO MAPPING**

Semester V	Drape Garment (Course Code: 4365108)						
	POs						
Competency & Course Outcomes	PO 1 Basic & Discipline specific knowledge	PO 2 Problem Analysis	PO 3 Design/ development of solutions	PO 4 Engineering Tools, Experimentation & Testing	PO 5 Engineering practices for society, sustainability & environment	PO 6 Project Management	PO 7 Life-long learning
<b>Competency</b>	<b>Develop variety of dress and garment using advance draping method.</b>						
CO a) Create off shoulder dresses.	3	2	3	3	3	3	2
CO b) Construct bias Grain garments.	3	2	3	3	-	3	2
CO c) Create cowl garment using knitted fabric.	3	2	3	3	-	3	2
CO d) Develop asymmetrical dress.	3	2	3	3	-	3	2

Legend: '3' for high, '2' for medium, '1' for low and '-' for no correlation of each CO with PO.

**16. COURSE CURRICULUM DEVELOPMENT COMMITTEE****GTU Resource Persons**

S. No.	Name and Designation	Institute	Contact No.	Email
1	Dr. F. V. Kugashiya HOD in CACD&DM	GGP, Ahmedabad.	9825697874	farjana.kugashiya@gmail.com
2	Smt. S. H. Bhatt Lecturer in CACD&DM	GGP, Ahmedabad.	9898068580	shbhatt99@gmail.com
3	Smt. B.K. Patel Lecturer in CACD&DM	GGP, Ahmedabad.	9879434633	bhavnap76@gmail.com
4	Dr. P A Acharya Lecturer in CACD&DM	B.P.T.I., Bhavnagar.	9427503783	pallaviacharrya@gmail.com