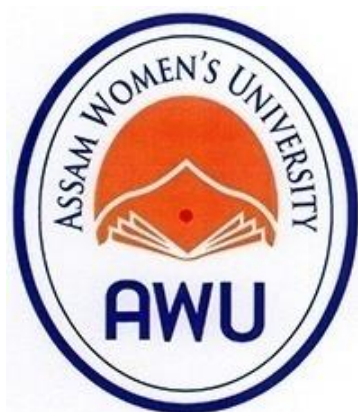


# **ASSAM WOMEN'S UNIVERSITY**

## **Syllabus for Bachelor of Fashion Technology**

**Revised under  
National Education Policy 2020  
Implementation Strategies**



**Department of Fashion Technology**

**School of Media, Technology & Information Sciences**

**Assam Women's University**

**Rowriah, Jorhat-04**

# **ASSAM WOMEN'S UNIVERSITY**

## **BACHELOR OF FASHION TECHNOLOGY**

### **REGULATIONS AND SYLLABUS**

#### **Department of Fashion Technology**

The Department of Fashion Technology was established in the year 2014 under the School of School of Media, Technology & Information Sciences. The Under Graduate Programme offered by the department is Bachelor of Fashion Technology which gives an in-depth knowledge of designing, technology, export merchandising, fashion retailing, technical textiles, textile testing, professional sewing and construction and computer application in designing. The highlighting feature is industrial internship opportunities with renowned Designers, Brands, Design and Export houses as well as being entrepreneurs.

#### **Objectives of the Programme**

The programme is aimed with the following objectives:

- To enhance the curiosity and creativity of students.
- To provide professional education covering the whole spectrum of activities in fashion technology.
- To promote self-employment.
- To promote consultancy with other Fashion Institutes and Organizations like Export Houses and Textile or Fashion Industry.

#### **Outcomes of the Programme**

- The students will be benefitted with the knowledge about latest technologies to be in equilibrium with the theoretical aspects in the field of Fashion by employment of this course.
- The students will gain necessary knowledge which enables them to be self-sufficient or find employment in the developing garment industries as Fashion Designers, Merchandisers, Stylists, *etc.*
- The course provides hands-on experience right from conceptualization to skill development through Annual fashion shows, Exhibitions, Assignments and Project works.
- The course enables women students to pursue their UG programme in Fashion related topics in the home state under the same roof by aiming towards women empowerment.

## Academic Programme and Student Intake:

| ACADEMIC PROGRAMME             | STUDENT INTAKE |
|--------------------------------|----------------|
| Bachelor of Fashion Technology | 25             |

### Duration of the programme:

The duration of the undergraduate programme in Bachelor of Fashion Technology consists of 4 years or 8 semesters. Students who desire to undergo a 3 years UG programme will be allowed to exit after completion of the 3<sup>rd</sup> year.

Students who exit with a UG certificate or UG diploma are permitted to re-enter within three years and complete the degree programme.

Students may be permitted to take a break from the study during the period of study but the total duration for completion the programme shall not exceed 7 years.

### Admission requirement and lateral entry:

The general eligibility criteria mentioned below that need to be met by an aspirant for pursuing Bachelor of Fashion Technology-

- Admission level will be based on Common University Entrance Test (CUET) conducted by the National Testing Agency (NTA) and reservation guidelines of the Govt. of Assam to be followed.
- Candidates are required to qualify class 12<sup>th</sup> in any discipline or in any such equivalent qualification from a recognized board of education.
- The minimum aggregate score required for entry into Bachelor of Fashion Technology with Honours with Research is 45% or CGPA 4.5 in class 12<sup>th</sup>.

### Structure:

The Under Graduate Programme in Fashion Technology shall be of eight semesters covering four academic years. A student has to register at least 160 credits in four academic sessions. The Bachelor in Fashion Technology programme is spread over four years. Each year is divided into two semesters. The programme requires students to take a combination of Major courses, Minor courses, Multidisciplinary courses, Ability Enhancement Courses (language), Skill Enhancement Courses, Value Added courses, Summer Internship and Research Project/Dissertation.

- Students on exit shall be awarded Undergraduate Certificate in Fashion Technology after securing the requisite 40 credits in Semesters I and II. The student will require to complete a mandatory 4 credit work based vocational course or internship/apprenticeship offered during summer term. This is in addition to the 6 credits from the skill based courses earned during first and second semester.

- Students on exit shall be awarded Undergraduate Diploma (In the field of study/ Discipline) after securing the requisite 80 credits on completion of Semesters IV. The student will require to complete a mandatory 4 credit work based Vocational course or internship/ apprenticeship offered during first year or second year summer term.
- Students on exit shall be awarded Bachelor of Fashion Technology Honours (3 years) after securing the requisite 120 credits on completion of semester VI.
- A student is required to complete a minimum of 160 credits by taking 12 credit advanced level (400level) courses in lieu of Research Project/ dissertation for the completion of the programme and students on exit shall be awarded Bachelor of Fashion Technology with Honours with Research. Depending on the nature of the course, instruction consists of lectures combined with computer labs, tutorials, Practical etc. The labs provide students with the opportunity for hands-on learning of programming, entrepreneurial and skill development techniques. Tutorials are small-group interactions in a classroom setting that complement the lectures and support problem-solving related to the lectures. Practical classes are skill oriented for creative designing and Technological aspects.

**Semester wise and component wise distribution of credit (Four Year UGP: Single Major) in sync with Table:**

| Year   | Semester | Component  | Course Code  | No. Of Courses | Credit per Course | Total credit in the component |
|--|----------|--|--------------|----------------|-------------------|-------------------------------|
| First Year   | I        | Discipline Specific Course- Major(Core)-Natural Science/Humanities/Social science  | C-101        | 1<br>1         | 4                 | 4                             |
|  |          | Minor (may or may not be related to major)   | M-101        | 1              | 4                 | 4                             |
|  |          | Interdisciplinary  | IDC-1        | 1              | 3                 | 3                             |
|  |          | AEC-Language (MIL/Regional Language)   | AEC-1        | 1              | 4                 | 4                             |
|  |          | SEC- (Choose from a pool of courses) eg. Hands on training, soft skill etc.  | SEC-1        |                | 3                 | 3                             |
|  |          | VAC-(Choose from a pool of courses) eg. Understanding India/Env. Sc./Env. Ed/ Digital and Tech. Solutions/Health and Wellness, Yoga ed., sports and fitness. | VAC-1        | 1              | 4                 | 4                             |
|  |          |  |              |                |                   | 22                            |
|  | II       | Discipline Specific Course – Major(Core)- Natural Science/ Humanities/ Social science  | C-102        | 1              | 4                 | 4                             |
|  |          | Minor (may or may not be related to major)   | M-102        | 1              | 4                 | 4                             |
|  |          | Interdisciplinary  | IDC-2        | 1              | 3                 | 3                             |
|  |          | AEC-Language (MIL/Regional Language)   | AEC-2        | 1              | 4                 | 4                             |
|  |          | SEC- (Choose from a pool of courses) eg. Hands on training, soft skill etc.  | SEC-2        | 1              | 3                 | 3                             |
| VAC-(Choose from a pool of courses) eg. Understanding India/Env. Sc./Env. Ed/ Digital and Tech. Solutions/Health and Wellness, Yoga ed., sports and fitness. |          | VAC-2  | 1            | 4              | 4                 |                               |
|  |          |  |              | 22             | 22                |                               |
| Second Year  | III      | Discipline Specific Course – Major(Core)- Natural Science/ Humanities/ Social science  | C-201, C-202 | 2              | 4                 | 8                             |
|  |          | Minor (may or may not be related to major)   | M-201        | 1              | 4                 | 4                             |
|  |          | Interdisciplinary  | IDC-3        | 1              | 3                 | 3                             |
|  |          | AEC-Language (MIL/Regional Language)   | AEC-3        | 1              | 2                 | 2                             |

|  |      |  |                                   |        |         |    |
|--|------|--|-----------------------------------|--------|---------|----|
|  |      | SEC- (Choose from a pool of courses) eg. Hands on training, soft skill etc.                                  | SEC-3                             | 1      | 3       | 3  |
|  |      |  |                                   |        |         | 20 |
|  | IV   | Discipline Specific Course – Major(Core)- Natural Science/ Humanities/ Social science                        | C-203, C-204,C-205                | 4      | 4       | 16 |
|  |      | Minor (may or may not be related to major)   | M-202, M-203                      | 2      | 4       | 8  |
|  |      |  |                                   |        |         | 24 |
| Third Year                                 | V    | Discipline Specific Course – Major(Core)- Natural Science/ Humanities/ Social science                        | C-301, C-302, C-303, C-304        | 4      | 4       | 16 |
|  |      | Minor (may or may not be related to major)   | M-204                             | 1      | 4       | 4  |
|  |      | Internship   |                                   | 1      | 4       | 4  |
|  |      |  |                                   |        |         |    |
|  | VI   | Discipline Specific Course – Major(Core)- Natural Science/ Humanities/ Social science                        | C-305, C-306, C-307, C-308, C-309 | 5      | 4       | 20 |
| Minor (may or may not be related to major) |      | M-205  | 1                                 | 4      | 4       |    |
|  |      |  |                                   |        |         | 24 |
| Fourth Year                                | VII  | Discipline Specific Course – Major(Core)- Natural Science/ Humanities/ Social science                        | C-401, C-402, C-403, C-404        | 4      | 4       | 16 |
|  |      | Minor (may or may not be related to major)   | M-301                             | 1      | 4       | 4  |
|  |      |  |                                   |        |         | 20 |
|  | VIII | Discipline Specific Course – Major(Core)- Natural Science/ Humanities/ Social science                        | C-405(RM-301)                     | 1      | 4       | 4  |
|  |      | Research methodology   | C-406(RM-302)                     | 1      | 4       | 4  |
|  |      | Dissertation /Research project Or 400 level advanced course-Core(in lieu of Dissertation /Research project ) | C-407, C-408, C-409               | 1<br>3 | 12<br>4 | 12 |
|  |      |  |                                   |        | 20      |    |

- Semester wise and component wise distribution of credit (Four Year UGP: Single Major) in sync with Table:

| Year            | Semester | Component                                 | Course Code | Credit per Course<br>L+T+P=Cr | Total credit in the component |
|-----------------|----------|---|-------------|-------------------------------|-------------------------------|
| First Year      | I        | Introduction to Fashion                   | BFTC-101    | (3+1+0)4                      | 4                             |
|                 |          | Introduction to Textile Studies           | BFTM-101    | (2+1+1)4                      | 4                             |
|                 |          | Fashion Concept                           | BFTID-1     | (1+1+1)3                      | 3                             |
|                 |          | English/ Assamese(MIL)/ Regional Language | BFTAE-1     | 4                             | 4                             |
|                 |          | Dyeing and Printing                       | BFTSE-1     | (1+1+1)3                      | 3                             |
|                 |          | Computer Aided Designing-I                | BFTVA-1     | (2+1+1)4                      | 4                             |
|                 |          |   |             |                               | 22                            |
|                 | II       | Design Elements and principles            | BFTC-102    | (1+1+2)4                      | 4                             |
|                 |          | Textile Studies-I                         | BFTM-102    | (2+1+1)4                      | 4                             |
|                 |          | Elements of Design                        | BFTID-2     | (1+1+1)3                      | 3                             |
|                 |          | English/ Assamese(MIL)/ Regional Language | BFTAE-2     | 4                             | 4                             |
|                 |          | Hand Embroidery                           | BFTSE-2     | (0+2+1)3                      | 3                             |
| CAD Application |          | BFTVA-2                                   | (2+1+1)4    | 4                             |                               |
|                 |          |   |             | 22                            |                               |
| Second Year     | III      | Pattern Making Technology-I               | BFTC-201    | (2+1+1)4                      | 4                             |
|                 |          | Garment Manufacturing Technology-I        | BFTC-202    | (1+1+2)4                      | 4                             |
|                 |          | Fabric Study                              | BFTM-201    | (3+1+0)4                      | 4                             |
|                 |          | Jewellery Making                          | BFTID-3     | (1+1+2)3                      | 3                             |
|                 |          | English/ Assamese(MIL)/ Regional Language | BFTAE-2     | 2                             | 2                             |
|                 |          | Accessories Designing                     | BFTSE-3     | (1+1+1)3                      | 3                             |
|                 |          |   |             |                               | 20                            |
|                 | IV       | Pattern Making Technology-II              | BFTC-203    | (0+1+3)4                      | 4                             |
|                 |          | Garment Manufacturing Technology-II       | BFTC-204    | (0+1+3)4                      | 4                             |
|                 |          | Fashion Illustration-I                    | BFTC-205    | (1+1+2)4                      | 4                             |
|                 |          | History of Fashion                        | BFTC-206    | (2+1+0)4                      | 4                             |
|                 |          | Textile Finishes                          | BFTM-202    | (3+1+0)4                      | 4                             |
| Draping-I       |          | BFTM-203                                  | (1+1+1)4    | 4                             |                               |
|                 |          |   |             | 24                            |                               |

|                |      |  |            |          |    |
|----------------|------|--|------------|----------|----|
| Third<br>Year  | V    | Pattern Making Technology-III                                | BFTC-301   | (0+1+3)4 | 4  |
|                |      | Garment Manufacturing Technology-III                         | BFTC-302   | (0+2+2)4 | 4  |
|                |      | Fashion Illustration-II                                      | BFTC-303   | (0+2+2)4 | 4  |
|                |      | Textile and Garment Quality Analysis Assurance               | BFTC-304   | (3+1+0)4 | 4  |
|                |      | Draping-II   | BFTM-204   | (0+2+2)4 | 4  |
|                |      | Internship   | Internship | (0+0+4)4 | 4  |
|                |      |  |            |          | 24 |
|                | VI   | Pattern Making Technology-IV                                 | BFTC-305   | (0+2+2)4 | 4  |
|                |      | Garment Manufacturing Technology-IV                          | BFTC-306   | (0+2+2)4 | 4  |
|                |      | Fashion Illustration- III                                    | BFTC-307   | (0+2+2)4 | 4  |
|                |      | Fundamental of Marketing and Merchandising                   | BFTC-308   | (3+1+0)4 | 4  |
|                |      | Appreciation of Traditional Indian Textiles& Embroidery      | BFTC-309   | (2+1+1)4 | 4  |
| Draping-III    |      | BFTM-205   | (0+2+2)4   | 4        |    |
|                |      |  |            | 24       |    |
| Fourth<br>Year | VII  | Pattern Making Technology-V                                  | BFTC-401   | (0+2+2)4 | 4  |
|                |      | Garment Construction-I                                       | BFTC-402   | (0+2+2)4 | 4  |
|                |      | Range Development  | BFTC-403   | (1+1+2)4 | 4  |
|                |      | Principles of Management                                     | BFTC-404   | (3+1+0)4 | 4  |
|                |      | Design Collection & Fashion/ Exhibition                      | BFTM-301   | (0+2+2)4 | 4  |
|                |      |  |            |          | 20 |
|                | VIII | Creative Pattern Making                                      | BFTC-405   | (0+2+2)4 | 4  |
|                |      | Fashion Research, Product Development & Project Presentation | BFTC-406   | (3+1+0)4 | 4  |
|                |      | Dissertation & Research Project                              | BFTC-407   | 12       | 12 |
|                |      |  |            |          | 20 |

**Total Credits = 176**

**Code explanation:** C=Disciplinary/interdisciplinary Core ; M= Disciplinary/interdisciplinary Minor; IDC= Interdisciplinary course; AEC= Ability Enhancement Course; SEC= Skill Enhancement Course; VAC= Value Added Course.

**L= Lecture, T= Tutorial, P= Practical, CH= Credit Hour, CR= Credit**

1 Lecture/ Tutorial = 1 Hour

1 Practical = 2 Hours



## **Assessment and Examination:**

### **Teaching**

The faculty of the Department is responsible for organising lecture , tutorial and practical work for the Under Graduate programme.

### **Assessment and examinations**

English shall be the medium of instruction and examination. Assessment of a student's performance in a course shall be based on marks for Internal Assessment and the Final Examination in the relevant course, as per Assam Women's University's rules.

### **Marks, grades, and classes**

Conversion of marks in courses into grade points, SGPA, CGPA, grand CGPA, and class will be done as per Assam Women's University rules.

### **Internal assessment marks**

Internal assessment will be based on

- Class assignment,
- Unit Test
- Field Work
- Group Discussion
- Seminar Presentation
- Research Papers
- Participation in class discussion and attendance etc.

The appropriate mode of assessment for a course is chosen by the course instructor.

### **Assessment and examinations**

English shall be the medium of instruction and examination. Assessment of a student's performance in a course shall be based on marks for Internal Assessment and the Final Examination in the relevant course, as per Assam Women's University's rules. There will be two phase of assessment, external and internal.

### **Letter Grade and Grade Points**

Letter Grade and Grade Points will be followed as per UGC Curriculam and Credit Framework for Undergraduate programme,2022.

| <b>Letter Grade</b>    | <b>Grade Point</b> |
|------------------------|--------------------|
| <b>O (Outstanding)</b> | <b>10</b>          |
| <b>A+ (Excellent)</b>  | <b>9</b>           |
| <b>A (Very Good )</b>  | <b>8</b>           |
| <b>B+ (Good)</b>       | <b>7</b>           |

|                          |          |
|--------------------------|----------|
| <b>B</b> (Above average) | <b>6</b> |
| <b>C</b> (Average)       | <b>5</b> |
| <b>P</b> (Pass)          | <b>4</b> |
| <b>F</b> (Fail)          | <b>0</b> |
| <b>Ab</b> (Absent)       | <b>0</b> |

**First Year**

**ASSAM WOMEN'S UNIVERSITY**  
**SEMESTER I**

| <b>Course Code</b> | <b>Course Title</b>            | <b>L</b> | <b>T</b> | <b>P</b> | <b>CH</b> | <b>CR</b> |
|--------------------|--------------------------------|----------|----------|----------|-----------|-----------|
| <b>BFTC-101</b>    | <b>Introduction to Fashion</b> | <b>3</b> | <b>1</b> | <b>0</b> | <b>4</b>  | <b>4</b>  |

**Minimum number of classes per week: 4**

**Minimum number of classes in a semester: 60**

**COURSE OBJECTIVES:**

- To create awareness about clothing culture.
- To impact knowledge of clothing communication and fashion expression.

**Course Outline –**

**Module 1: Fashion Terminology**

- Fashion Terminology: Fashion, style, fad, classic, boutique, croquet, fashion trends, haute couture, designer, prêt-a-porter, silhouette, street fashion, fashion cycle, change, and knock off.

**Module 2: Introduction to Fashion**

- Definition
- Importance of Fashion
- Classification of Fashion
- Fashion Categories: (men's, women's and children's wear)

**Module 3: Origin of Fashion**

- Fashion Evolution.
- Functions of clothing.
- Influences of Fashion – economical aspects, technological development, social activities, cultural activities, political activities
- Factors influencing Fashion Movement - accelerating factors and retarding factors

**Module 4: Theory of Fashion**

- Fashion Cycle: Introduction stages of fashion cycles, length of cycle
- Adaptation of Fashion: Introduction, trickledown theory, trickle up theory, trickle across theory
- Consumer Groups: Introduction, fashion leader, fashion innovator, fashion motivators, fashion victims, fashion followers.
- Consumer Buying and accepting a new fashion: Introduction, consumer motivations aesthetic appeal practical consideration

## **Module 5: Fashion Forecasting**

- Fashion forecasting introduction: long term forecasting, short term forecasting, colour forecasting, concept of seasons.

### **COURSE OUTCOMES:**

**C.O.1.** Understanding fashion definition and overview.

**C.O.2** Students will be able to analyse new trends and fashion styles and fashion cycle.

### References:

- Gini Stephens Frets Fashion from concept to source: Prentice Hall New Jersey. Harold Can-Fashion Design and Product Development-Polygrapia Publication Group Ubhith
- Elizabeth House DederstandingFashian BSP Books, Oxford
- XathrynMillewey Fashion Lource book, Blackwed science, UK Sharon Le Fate
- Inside Fashion Design, Harper and Row Pub NY. Carter L The changingWorldof Fashion GP Panama's Sons, NY Second skin, 'Horn MI, 1981
- Study of clothing, "Houghm Mifflin Company, Basien
- xafgen Mary Individuality in clothing Houghton Mifflin Company
- Dynamics of fashion by Elaine stone

**Signature**



**BOS External Expert**

**Dr. Binita BaishyaKalita**

**ASSAM WOMEN'S UNIVERSITY  
SEMESTER I**

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| <b>Course Code</b> | <b>Course Title</b>                    | <b>L</b> | <b>T</b> | <b>P</b> | <b>CH</b> | <b>CR</b> |
|--------------------|--|----------|----------|----------|-----------|-----------|
| <b>BFTM-101</b>    | <b>Introduction to Textile Studies</b> | <b>1</b> | <b>1</b> | <b>2</b> | <b>6</b>  | <b>4</b>  |

**Minimum number of classes per week: 4**

**Minimum number of classes in a semester: 60**

**COURSE OBJECTIVES:**

- To be familiar with the terminologies of textiles.
- To impart the knowledge of fiber, sources of fibers, their definitions and properties.

**Course Outline-**

**Module 1: Introduction to Textile**

- Definition
- Overview of the textile industry.
- Fiber and fiber properties
- Fibers classifications based on their origin (natural and man-made) and length (staple and filament)
- Natural fibers: Sources, properties, Flow chart for manufacturing process and end use of cotton, flax, jute, wool and silk.
- Manmade fibers: Sources, properties, Flow chart for manufacturing process and end use of Rayon, Acetate, Nylon, Polyester, Acrylic, and Spandex Polyolefin.

**Module 2: Introduction to Yarn**

- Definition
- Yarn classification
- Yarn spinning process
- Yarn properties
- Yarn numbering system

**Module 3: Introduction to Fabric**

- Definition
- Weaving
- Looms, it's parts and functions
- Weaving process
- Woven Fabric structure: warp, weft , selvedge
- Fabric grain: Types, identification and importance in apparel construction.

## **COURSE OUTCOMES:**

**C.O.1** Students will be able to analyze differences between yarns and yarn properties as well as fiber and fiber properties.

### References

- Bernard Corbman Textile Fibre to Fabric: Mc Graw Hill
- Textiles 19<sup>th</sup> Edition. The Mc Millan Company, New York
- Vilensky, Textile Science CBS Publication, New Delhi, 1999
- Mishra SPA Textbook of fiber Science and Technology New Age Intl., Delhi 2000, Eric Oxtoby.
- "Spun Yarns, Technology, Structure and Applications, Wiley-Interscience, NY. 1978

**Signature**

A handwritten signature in blue ink, appearing to read 'B. Kalita', is written over a horizontal blue line.

**BOS External Expert**

**Dr. Binita Baishya Kalita**

**ASSAM WOMEN'S UNIVERSITY**

**SEMESTER I**

| <b>Course Code</b> | <b>Course Title</b>    | <b>L</b> | <b>T</b> | <b>P</b> | <b>CH</b> | <b>CR</b> |
|--------------------|------------------------|----------|----------|----------|-----------|-----------|
| <b>BFTID-1</b>     | <b>Fashion Concept</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>4</b>  | <b>3</b>  |

**Minimum number of classes per week: 3**

**Minimum number of classes in a semester: 45**

**COURSE OBJECTIVES:**

- To create awareness about clothing culture.
- To impact knowledge of clothing communication and fashion expression

**Course Outline-**

**Module 1: Fashion Terminology**

- Fashion, style, change, fashion cycle, fad, classic, boutique, croquet, fashion trends, haute couture, designer, prêt-a-porter, silhouette, street fashion.
- Elements and Principles of fashion.

**Module 2: Importance of Fashion**

- Definition, Importance, factors affecting fashion, difference of fashion and anti fashion, principles of fashion.
- Importance of drafting, how to take measurements, equipments needs for stitching.

**Module 3: Origin of fashion**

- Fashion cycles and breaks in fashion cycle. Fashion theories - trickle down, trickle across and bottom up theory.

**Module 4: Fashion forecasting**

- Concept of seasons, fairs and international markets.
- Role of Social and Psychological aspects of clothing.
- Traditional textiles of India.

**COURSE OUTCOMES:**

**C.O.1** Understanding Fashion, definition and overview.

**C.O.2** Students will be able to analyse new trends and fashion styles and Fashion cycle.



**References:**

- Fashion Design Vol.1 Fashion Concept, Dr. Navneet Kaur, Comdex /Dreamtech press
- Apparel Online, Apparel Views, Clothesline, Moda, Vogue, Simplicity etc
- Basic Fashion Design01: Research and Design, Simon Seivewright, A & C Black, 2012.
- Fashion Design research, Ezinma Mbonu, Laurence King Publishing, 2014.

**Signature**

A handwritten signature in blue ink, appearing to read 'B. Kalita', is written above a horizontal blue line.

**BOS External Expert**

**Dr. Binita BaishyaKalita**

**ASSAM WOMEN'S UNIVERSITY**  
**SEMESTER I**

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| Course Code | Course Title        | L | T | P | CH | CR |
|-------------|---------------------|---|---|---|----|----|
| BFTSE-1     | Dyeing and Printing | 1 | 0 | 2 | 5  | 3  |

**Minimum number of classes per week: 3**

**Minimum number of classes in a semester: 45**

**COURSE OBJECTIVES:**

- Select suitable techniques for different styles and types of textile printing and idea of designs according to the latest trends.
- To Implement craft based work for fabrics
- To create entrepreneurial workmanship among students.

**Module 1: Introduction to Dye**

- Introduction to Dyes
- History of Dyes
- Types of Dyes
- Characteristics and Properties

**Module 2: Dye-stuff and its properties**

- Natural: Vegetable, Animal, Mineral
- Synthetic dyes: Acid dyes, direct dyes, reactive dyes, Vat dyes, Sulphur dyes, Azoic dyes

**Module 3: Introduction to Hand Printing**

- Hand crafted textiles segment in India.
- Different tools and equipment used for Hand Printing.
- Pre-requisites for Hand Printing.
- Different raw materials used in Hand Printing.

**Module 4: Preparation for Printing**

- Create designs and patterns.
- Preparation of fabrics
- Selection of colours
- Preparation of printing paste/dye liquer.
- Plan and structure of printing process.

**Module 5: Products Development**

- Product development through-
- Block printing
- Stencil printing
- Tie & dye printing
- Batik printing

**Course Outcome:**

**C.O.1:** Students will be able to develop skills in various dyeing processes and traditional printing methods.

**C.O.2:** Enable the students to design creative ideas.

**C.O.3:** Students will develop the spirit of entrepreneurship among the students.

**References: -**

- Indian Painting: The Lesser Known Tradition by Dallapiccola Anna L.
- Block Printed Textiles of India: by Eiluned Edwards, Niyogi Books; First edition (20 December 2015)
- Hand Block Printing and Resist Dyeing by Susan Bosence
- Bosom worth Dorothy (1995): The encyclopedia of patterns and motifs, Studio editions, London Grociki, Z.J.;
- Watsons Textile Design and Colour, London, Newness Butter Worth V.A.Shenai (1987),  
Chemistry of dyes and principles of Dyeing, Sevak Prakashan, Mumbai V.A.Shenai (1987)  
Technology of Textile Processing, Vol.IV, Sevak Publication.

**Signature**



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**ASSAM WOMEN'S UNIVERSITY**

**SEMESTER II**

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| <b>Paper Code</b> | <b>Paper Title</b>                | <b>L</b> | <b>T</b> | <b>P</b> | <b>CH</b> | <b>CR</b> |
|-------------------|-----------------------------------|----------|----------|----------|-----------|-----------|
| <b>BFTVA-1</b>    | <b>Computer Aided Designing-I</b> | <b>2</b> | <b>1</b> | <b>1</b> | <b>5</b>  | <b>4</b>  |

**Minimum number of classes per week: 4**

**Minimum number of classes in a semester: 52**

**Course objectives:**

- To help students to understand the fundamentals and principles of CAD.
- To enhance the knowledge of CAD and its application.

**Course Outline:**

**Module 1: Corel draw**

- About CorelDraw
- Using the menus,
- Standard toolbar,
- Property bar and dialog boxes

**Module 2: Drawing with Corel Draw**

- Rectangle, ellipses, polygons, stars, spirals and graph paper
- Lines of all shapes and size
- Creating and manipulating text
- Selecting and transforming objects
- Shaping objects
- Filling and outlining objects

**Module 3: Editing Exercise**

- Viewing, zooming and ordering
- Combining, breaking apart, grouping, ungrouping,
- Separating and converting to curves
- Weld, intersection and trim
- Aligning coping, pasting, and cloning
- Lens, perspective and power clip
- Fitting Text to a path
- Page setup

**Module 4: Croqui Drawing**

- Kids figure
- Male figure
- Female figure

### **COURSE OUTCOMES:**

**C.O.1:** Students will be empowered with the knowledge of CAD and their applications so they can execute their ideas creatively through CAD.

**C.O.2:** They will be able to describe the Corel draw work space, tools, shortcut keys and file formats.

**C.O.3:** They will be skilled enough to perform application of colour, colour swatches and various fill options by applying tracing and drawing tools.

**C.O.4:** students will be able to draw Basic Figure Forms with Grids and Guidelines

### **References-**

- Up and Running with Autodesk Nastran In-CAD 2019 Simulation for Designers by Mr Wasim Younis, 2019.
- CAD-CAM in prosthodontics a revolutionary avenue to digital dentistry by Dr. Ishan Kadam, 2019.
- CAD Administration Handbook for SolidWorks by Mr Ants Palgi, Mr Alar Jogi 2017.
- CorelDRAW X7: The Official Guide, 11th Edition by Gary David Bouton 2014..

**Signature**



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**Dr. Binita Baishya Kalita**

**ASSAM WOMEN'S UNIVERSITY**

**SEMESTER II**

| <b>Course Code</b> | <b>Course Title</b>                   | <b>L</b> | <b>T</b> | <b>P</b> | <b>CH</b> | <b>CR</b> |
|--------------------|---------------------------------------|----------|----------|----------|-----------|-----------|
| <b>BFTC-102</b>    | <b>Design Elements and Principles</b> | <b>1</b> | <b>1</b> | <b>2</b> | <b>6</b>  | <b>4</b>  |

**Minimum number of classes per week: 4**

**Minimum number of classes in a semester: 60**

**COURSE OBJECTIVES:**

- To understand design fundamental, elements and principles of design.
- To skill the students regarding how to make a design using lines, dot, shape and colour combination.

**Course Outline –**

**Module 1: Elements and Principles of Design**

- Defination
- Importance of design Elements and Principles
- Application of design Elements and Principles

**Module 2: Types of elements of Design**

- Lines: Types of Lines and Composition of Lines
- Colour: Colour Wheel, Colour Schemes, Colour psychology, Colour dimation and Colour Concept
- Shape: Triangle, Rectangle, Squares, Ovel, Circular, Hexagonal etc.
- Form: Light and shadow form, Contours, Negative and positive space
- Texture: Rough, smooth or ribbed, visual texture , illustrated texture.

**Module 3: Types of Principles of Design**

- Balance: Formal, imformal, symmetrical and asymmetrical
- Proportion: Proportonate and disproportionate
- Rhythm: Orderliness, unorderliness and progressive rhythm
- Emphasis
- Harmony: Harmony and disharmony

**Module 4: Design Developement**

- Polka Dots, Floral Prints, Other Motifs, Nursery Prints, Pop Prints. Their Developement, enragement and composition.
- Traditional/Ethnic Motif,
- Abstract Designs.

**COURSE OUTCOMES:**

**C.O.1.** Students will acquire knowledge and skill on how to make a design using lines, dot,

and shape and colour combination.

**References:**

- Design Studies by Manmeet Sodhia. Kalyani Publishers
- Fashion Designers A-Z by Varie Steele, Suzy Menkes and Robert Nippoldt, Taschen; Multilingual edition, (May18,2018)
- Ireland Patrick John, Fashion Design Drawing & Presentation, Children, Men
- Ritu, Fashion Design illustrations
- Julian Seaman, Foundation in fashion design and illustration
- Zeshu Takamura, Fashion Illustration Techniques: A Super Reference Book for Beginners
- Abling Bina, “ Fashion Sketch Book”, 2006 by Fairchild Publication

**Signature**

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**SEMESTER II**

| Course Code | Course Title        | L | T | P | CH | CR |
|-------------|---------------------|---|---|---|----|----|
| BFTM-102    | Textile Studies - I | 2 | 1 | 2 | 7  | 5  |

**Minimum number of classes per week: 5**

**Minimum number of classes in a semester: 75**

**COURSE OBJECTIVES:**

- To understand and develop the tactile and behavioural characteristics/properties of various yarn, fiber, fabrics in relation to their application and end use.

**Module 1: Introduction to Textile Fibers**

**Theory**

- Introduction to fiber Science: Definition, Classification of textile fibers according to their source and chemical composition.
- Chemical constituent of natural and manmade fiber.
- Manufacturing process and uses of fibers- cotton, flex, wool and silk; rayon, polyester and nylon
- Comparison of natural and manmade fibers.
- Latest development in textile fibers.

**Practical exercise**

- Physical analysis of fabrics composed of different fibers like cotton, wool, silk, polyester, rayon and nylon.
- Visual examination of fibers: Cellulose, Protein and Man-made fiber- Longitudinal and Cross sectional view.
- Identification of fibers in a fabric sample through:
  - Burning test
  - Microscopic test
  - Chemical test (Solubility Test)

**Module 2: Fiber properties**

**Theory**

- Physical, chemical and biological properties of Natural fibres: Vegetable fibers (bast, leaf and seed fibers), animal fibers (wool and silk) and mineral fibers (glass, asbestos and metallic fibres).
- Physical, chemical and biological properties of Man-made fibers- Polyester, Nylon, Acrylic, Spandex, Viscose, Rayon.



### **Module 3: Yarn Spinning**

#### **Theory**

- Conversion of fiber to yarn- blending, opening, cleaning, carding, doubling, combing, drawing, roving, spinning, yarn twisting.
- Types of Spinning - Ring spinning, Rotor spinning, Friction spinning, Air-jet spinning.
- Structure of yarns produced from different spinning systems.
- Classification of yarns- carded and combed yarns, woolen and worsted yarns, filament and spun yarns.
- Yarn properties -yarn linear density, size, twist in yarn, twist direction.
- Types of yarn: Simple, fancy, textured, stretch and metallic yarns-uses, quality and applications.

#### **Practical exercise**

- Visit to Spinning Mill or show relevant video films to understand the various systems of yarn spinning – staple, filament and spun filament yarns
- To analyze and understand fabric texture (appearance and hand) on the basis of the yarns used
- Fabrics using simple yarns
- Fabrics using novelty yarns
- Fabrics using filaments: textured, non-textured, spun filaments

### **Module 4: Basics of fabric manufacturing**

#### **Theory**

- Manufacturing of fabrics based on yarn quality.
- Textile finishing methods- scouring, degumming, desizing, bleaching, mercerization, ironing and starching.
- Elementary idea of the processes of conversion of yarn into fabric, i.e., weaving and knitting.

### **COURSE OUTCOMES:**

**C.O.1** The knowledge and skills related to textile science is essential to provide a comprehensive insight into the basic knowledge about fibers, yarns and

**C.O.2** Relevant properties affecting the ultimate performance and use of fabrics by the consumer, hence the subject is included in the curriculum.

#### **References:**

- Introduction to textiles by KVP Singh Kalyani Publishers
- Textiles Fiber to Fabric – P Corbman, A Wynne, Mac Milan Publishers, London
- Fabric Science by Joseph Pizzuto, A&C Black Publishers Ltd. (New York)
- Essentials of Textiles by Marjery Josphe; Holt, Rinehart and Winston, Inc, UBSPublishers Distributors Ltd. New Delhi
- Textile Fibres and their Uses by KP Hes, Khanna Publishers, Delhi
- Textiles by Hollen and Sodler, Macmillan Publishing, India
- Introductory Textile Science by Marjury Joseph, CBS Publishers distributors Pvt.Ltd. Chennai
- Principles of Textile Testing by Booth
- Clothing, Textiles and Their Care by Dr.RajwinderK.Randhawa, Happer and Rowpublishers, New York.
- Clothing, Textiles and Laundry by SushmaGupta, NeeruGarg and RenuSaini, Kalyani Publishers, New Delhi

-A Text Book of Home Science by Dr. Neelam Grewal, Wiley Publishers, New York

**Signature**

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**ASSAM WOMEN'S UNIVERSITY  
SEMESTER II**

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| <b>Course Code</b> | <b>Course Title</b>       | <b>L</b> | <b>T</b> | <b>P</b> | <b>CH</b> | <b>CR</b> |
|--------------------|---------------------------|----------|----------|----------|-----------|-----------|
| <b>BFTID-2</b>     | <b>Elements of Design</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>4</b>  | <b>3</b>  |

**Minimum number of classes per week: 3**

**Minimum number of classes in a semester: 45**

**COURSE OBJECTIVES:**

- The course aim to enable the students to interpret the elements in terms of printing techniques

**Course Outline-**

**Module 1: Elements of Design**

- Application of Design Elements and Principles
- Elements of Design :Line, shape and Form, Colour and Texture

**Module 2: Principles of Design**

- Colour Wheel: Primary, Secondary, Tertiary Colours
- Colour Schemes: Monochromatic, Polychromatic, Complementary, Neutral, Achromatic, Analogous colour schemes, Transparent and opaque colours, Warm colours and Cool colours, Concept of Tint, Tone and Shade

**Module 3: Colour Psychology**

- Meaning of Different Colours and their effect on the wearer
- Geometrical designs: Triangle, Rectangle, Squares
- Traditional/Ethnic Motif, Abstract Designs.

**Module 4: Design Development**

- Polka Dots, Floral Prints, Other Motifs, Nursery Prints, Pop Prints. Their Development, arrangement and composition.

**COURSE OUTCOMES:**

**C.O.1.** Students will acquire knowledge and skill on how to make a design using lines, dot, and shape and colour combination.

**References:**

- Design Studies by Manmeet Sodhia. Kalyani Publishers
- Fashion Designers A-Z by Varie Steele, Suzy Menkes and Robert Nippoldt, Taschen; Multilingual edition, (May18,2018)

- Ireland Patrick John, Fashion Design Drawing & Presentation, Children, Men
- Ritu, Fashion Design illustrations

**Signature**

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**ASSAM WOMEN'S UNIVERSITY**  
**SEMESTER II**

| <b>Course Code</b> | <b>Course Title</b>    | <b>L</b> | <b>T</b> | <b>P</b> | <b>CH</b> | <b>CR</b> |
|--------------------|------------------------|----------|----------|----------|-----------|-----------|
| <b>BFTSE-2</b>     | <b>Hand Embroidery</b> | 0        | 1        | 2        | 5         | 3         |

**Minimum number of classes per week: 3**

**Minimum number of classes in a semester: 45**

**COURSE OBJECTIVES:**

- To acquaint the students with various ornamentation techniques on the fabrics.
- To imitate students to the world of rich and glorious textiles and crafts of India.

**Module 1: Basics of Hand Embroidery**

- Introduction and preparation of samples for hand embroidery.
- Stem
- Back,
- Running,
- Dot,
- Seeding,
- Chain- (open chain, lazy daisy, zigzag chain)
- Blanket, buttonhole,
- Spider's web- woven bars
- Brick,
- Cut work,
- Cretan,
- Fly,
- Filling stitches- (Fish bone, Romanian, satin, long and short, cross stitch, herringbone,)

**Module 2: 3D embroideries**

- Appliqué work,
- Ribbon work,
- Lace work,
- Sequin work,
- French knots
- Bullion knots
- Beads work
- Smoking
- Honey comb
- Mirror work

**Course Outcome:**

**C.O.1** To acquire relevant skills in embroidery techniques of different types of traditional Indian embroideries and textiles.

**C.O.2** The subject aims at developing skills in various types of embroidery stitches,

**References: -**

- Traditional Indian Textiles by Parul B Abhishek Publications.
- Indian Embroidery SavitriPandit.
- Irwin and Hall Indian Embroideries, Published by S.R. Bastikar, P.B. 28, Ahmedabad.

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**Second Year**

**ASSAM WOMEN'S UNIVERSITY  
SEMESTER III**

| Course Code | Course Title                 | L | T | P | CH | CR |
|-------------|------------------------------|---|---|---|----|----|
| BFTC-201    | Pattern Making Technology -I | 2 | 1 | 1 | 5  | 4  |

**Minimum number of classes per week: 4**

**Minimum number of classes in a semester: 60**

**COURSE OBJECTIVES:**

- To impart knowledge about different aspects of Pattern Making
- Become familiar with tools of pattern making

**Course Outline-**

**Module 1: Introduction to Pattern Making**

- Terminology
- Pattern making and its importance
- Methods of pattern making
- Tools and equipments
- Landmark terms and symbol key

**Module 2: Standard measurement**

- Anthropometry measurements
- Standard Measurement Chart
- Steps to take body measurements

**Module 3: Pattern Development**

- Methods of Pattern Development
- Drafting method and its advantage
- Flat Pattern Method and its advantage
- Draping and its advantage

**Module 3: Pattern Drafting**

- Drafting: Basic bodice pattern set for Kids

**COURSE OUTCOME:**

**C.O.1.** The students will be skilled enough to make basic bodice pattern.

**References:**

- Armstrong Joseph es, Pattomiding for Fashion On
- Hillise and Mansfield. "Dress Design, Draping and Flat PatentangKotonificConlane 1975
- Come Get Gewingvader Digest
- Ban Alv Hat Pattern Design McGraw Hill Put USA
- Martin M.Shohem Pom making a Culinars New Dillu



- Paag 1995) Pattern dating for dress mongsuotan Publishers Digth
- Note Ste 10 per to be used for all designation

**Signature**



Binita Kalita

**BOS External Expert**  
**Dr. Binita BaishyaKalita**

**ASSAM WOMEN'S UNIVERSITY**  
**SEMESTER III**

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| Course Code | Course Title                       | L | T | P | CH | CR |
|-------------|------------------------------------|---|---|---|----|----|
| BFTC202     | Garment Manufacturing Technology-I | 1 | 1 | 2 | 6  | 4  |

**Minimum number of classes per week: 4**

**Minimum number of classes in a semester: 60**

**COURSE OBJECTIVES:**

- To develop the skills of operating the machine
- To understand and appreciate different kinds of stitches and seams.
- To develop the skills of making seams, tucks, pleats etc.
- To understand the utility of seams gathers, shirring etc. As used in garments both for construction and design feature.

**Course Outline-**

**Module 1: Introduction to garment construction**

- Introduction to garment construction basic principles and techniques.
- Clothing Construction Terminology
- Equipment and accessories used in Clothing construction
- Introduction to Sewing Machine
- Introduction to different parts of sewing machine, their care and maintenance.

**Module 2: Basic Hand stitches**

- Definition and understanding of hand stitching techniques.
- Types of hand stitches
- Preparation of Samples.

**Module 3: Basic Machine stitches**

- Definition and understanding of basic seams
- Types of seam and edge finishers
- Preparation of Samples: Plain, Flat fell, Lap, French, Bound, Bias, Corded, Piped, Eased, Piping.

**Module 4: Understanding of basic techniques**

- Tucks and Pleats
- Fullness or Gathers
- Shirring
- Neckline Finishes
- Plackets
- Pockets
- Fastenings
- Construction of the Kids basic bodice block.

## **COURSE OUTCOME:**

**C.O.1.** The students will be able to do maintenance the machines properly.

**C.O.2.** The students will be able to understand the machine parts deeply.

## References

- The Practical Encyclopedia of sewing: By- Dorothy Wood: Lorenz Books
- The Complete Book of Sewing: Dorling Kindersley
- Sewing and Knitting: A Reader's Digest step-by-step guide
- Comparative Construction Techniques Clothing Construction: Sherie Doongaji Sewing Manual: Singer

**Signature**

A handwritten signature in blue ink, appearing to read 'B. Kalita', is written above a horizontal blue line.

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**ASSAM WOMEN'S UNIVERSITY  
SEMESTER III**

| <b>Paper Code</b> | <b>Paper Title</b>      | <b>L</b> | <b>T</b> | <b>P</b> | <b>CH</b> | <b>CR</b> |
|-------------------|-------------------------|----------|----------|----------|-----------|-----------|
| <b>BFTM-201</b>   | <b>Textile Finishes</b> | <b>3</b> | <b>1</b> | <b>0</b> | <b>4</b>  | <b>4</b>  |

**Minimum number of classes per week: 4**

**Minimum number of classes in a semester: 60**

**Course Objectives:**

- To be able to relate aspects of clothing to the society and to expand student's perspective in fashion, keeping with present roles, personal lifestyles, and social clothing concepts.

**Course Outline:**

**Module 1: Introduction to fabric finishes**

- Definition
- Objectives and importance

**Module 2: Classification of Finishes**

- Functional: Basic and Functional/Special
- Performance: Temporary, semi-durable, permanent and durable
- Chemical and mechanical/Wet and dry finishes

**Module 3: Basic Finishes and Their Types**

- Scouring, Bleaching, Starching, Calendaring
- Pre-shrinking, Mercerization, Parchmentization, Wash n Wear, Dyeing and Printing

## **REFERENCES:**

- Bernard Corbman Textile Fibre to Fabric: Mc Graw Hill
- Textiles 19 th Edition. The Mc Millan Company, New York
- Vilensky, Textile Science CBS Publication, New Delhi, 1999
- Mishra SPA Textbook of fiber Science and Technology New Age Intl., Delhi 2000, Eric Oxtoby.
- "Spun Yarns, Technology, Structure and Applications, Wiley-Interscience, NY. 1978

**Signature**

A handwritten signature in blue ink, appearing to read "B. Baishya Kalita", is written above a horizontal blue line.

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**ASSAM WOMEN'S UNIVERSITY  
SEMESTER III**

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| Course Code | Course Title     | L | T | P | CH | CH |
|-------------|------------------|---|---|---|----|----|
| CFD2508     | Jewellery Making | 1 | 0 | 2 | 5  | 3  |

**Minimum number of classes per week: 3**

**Minimum number of classes in a semester: 45**

**COURSE OBJECTIVES:**

- To gain the knowledge and significance of materials and methods used in fashion accessories.

**Module 1: Introduction**

- Fundamentals of jewellery designing
- Jewellery designing an overview
- Elements of designing
- Sources & inspirations

**Module 2: Type of Jewellery**

- Earring, Pendant, Ring, Bracelet Brooches
- Safety and care of Jewellery
- Hallmarking
- Type of Clips & Clasps
- Components of Ring

**Module 3:Product Development**

- Preparation of jewellery using animal sources- Horns, bones, skin, hair, fish-bones, fish-scales.
- Extraction of animal bones,
- Making jewellery out of Natural- abalone paua shell, cowrie shell.
- Different types of Natural wood beads - Bayong, Ebony, Gray wood- Jackfruit tree wood (Nangka) palm wood, Rosewood.
- Use of threads in jewellery making- cotton, silk, nylon.

**Course Outcome:**

- To collect and record Traditional designs.
- Students will be able to exhibit special techniques of creation of fashion accessories in a creative way.

**References:**

- Bhargav R. 2005. Design Ideas & Accessories. Jain Publ.
- John Peacock.(2000).Fashion Accessories: The Complete 20th Century Sourcebook. Thames and Hudson publishing, London
- Celia Stall-Meadows, TanaStufflebean.(2003). Know Your Fashion Accessories.

- Wire & Fire, Blend Wire Weaving and Torch Techniques for Beautiful Jewelry by Kaska Firor, Katherine Firor Colque, 2019.
- Bead Jewelry Making for Beginners, Step-by-Step Instructions for Beautiful Designs by Cecilia Leibovitz 2019.
- Silver Clay Workshop, Getting Started in Silver Clay Jewellery by Melanie Blaikie, 2018.

**Signature**

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SEMESTER III**

| <b>Paper Code</b> | <b>Paper Title</b>           | <b>L</b> | <b>T</b> | <b>P</b> | <b>CH</b> | <b>CR</b> |
|-------------------|------------------------------|----------|----------|----------|-----------|-----------|
| <b>BFTSE-3</b>    | <b>Accessories Designing</b> | <b>0</b> | <b>1</b> | <b>2</b> | <b>5</b>  | <b>3</b>  |

**Minimum number of classes per week: 3**

**Minimum number of classes in a semester: 45**

**COURSE OBJECTIVES:**

- To gain the knowledge and significance of materials and methods used in fashion accessories.
- To understand the history and various brands of Accessories and learn different rendering techniques and theme based designing.

**Course Outline –**

**MODULE 1 Material Exploration**

- Colour trends of fashion accessories.
- Product designing- foot wear, handbags, belts, buttons and buckles, hats, scarves, hosiery, jewellery, neck ties, hand kerchiefs, eye wear and watches.

**MODULE 2 Explore with Boards**

- Theme boards for all accessories;
- Developing design ideas – Tribal, traditional, fusion, innovative, Fabrication information, spec drawing.

**MODULE 3 Product Developments**

- Development of designed products.
- Designing booklets;

**MODULE 4 Cost Analyses**

- Market survey
- Cost estimation of all items.
- Display of developed products

**COURSE OUTCOMES:**

**C.O.1** Students will be able to explore the communication between apparel and accessories.

**C.O.2** They will also be able to exhibit special techniques of creation of fashion accessories in a creative way.

**References:**

- Bhargav R. 2005. Design Ideas & Accessories. Jain Publ.



- John Peacock .(2000).Fashion Accessories: The Complete 20th Century Sourcebook .Thames and Hudson publishing, London.
- Celia Stall-Meadows, TanaStufflebean. (2003). Know Your Fashion Accessories.
- Fairchild Publication, New York Carr Harold & John Pomeroy 1996. Fashion Design & Product Development.

**Signature**

A handwritten signature in blue ink, appearing to read "B. Baishya Kalita", is written above a horizontal blue line.

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**ASSAM WOMEN'S UNIVERSITY  
SEMESTER IV**

| <b>Course Code</b> | <b>Course Title</b>                 | <b>L</b> | <b>T</b> | <b>P</b> | <b>CH</b> | <b>CR</b> |
|--------------------|-------------------------------------|----------|----------|----------|-----------|-----------|
| <b>BFTC-203</b>    | <b>Pattern Making Technology-II</b> | <b>0</b> | <b>1</b> | <b>3</b> | <b>7</b>  | <b>4</b>  |

**Minimum number of classes per week: 4**

**Minimum number of classes in a semester: 60**

**COURSE OBJECTIVES:**

- To impart Knowledge about different aspects of Pattern Making, Commercial Pattern Making.

**Course Outline –**

**Module 1: Predation of the Basic Pattern**

- Female Basic bodice block and sleeve block (with darts)
- Basic skirt block
- Dart manipulation: Slash and spread method, Pivot method

**Module 2: Style lines**

- Classic princess style line, armhole princess style line, panel style line
- Dart Cluster, Gathers, Graduating and Radiating Dart

**Module 3: Fullness or Gathers**

- Added Fullness and contouring

**Module 4: Yoke variations**

- Yokes and its variation, Flanges, tucks and pleats

**Module 5: Collars variations**

- Drafting of different collar patterns: Basic shirt, Peter Pan, Sailor, Mandarin Collar with wand, Roll collar

**Module 6: Sleeve variations**

- Drafting of different sleeve patterns: Pads, cuffs, cap sleeve, puff sleeves and variations, circular hemline sleeve and variations, petal sleeves and variations, lantern sleeve, leg-O-mutton sleeve, cowl sleeve, bishop sleeve and variations, basic kimono and raglan sleeve.

## **COURSE OUTCOMES:**

**C.O.1.**Students will be able to create the design of garments with the help of patterns without wasting any extra fabric.

### **References:**

- “Pattern making for fashion design”, Helen Joseph Armstrong, Harper Collins, LA.
- “Metric Pattern Cutting for Menswear”; Winfred Aldrich, BSP Professional book Oxford.
- “Pattern making and making up-the professional approach”; Marten Shoben and Janet P.Ward, Butterworth Heinman,Oxford
- “Modern sizing for women and children”; P.Kunick, Philip Kunik Publication London.
- “Dress Fitting”; Natalie Bray, Black well science Ltd London.
- “Dress Patten Designing” Natalie Bray, Black well science Ltd London.

Note: - Size 10 Slope to be used for all the variations. File should be made using full scale patterns A3, and Basic slopes should be transferred to vary sheet

**Signature**



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**SEMESTER IV**

| <b>Course Code</b> | <b>Course Title</b>                          | <b>L</b> | <b>T</b> | <b>P</b> | <b>CH</b> | <b>CR</b> |
|--------------------|--|----------|----------|----------|-----------|-----------|
| <b>BFTC-204</b>    | <b>Garment Manufacturing Technology - II</b> | <b>0</b> | <b>1</b> | <b>3</b> | <b>7</b>  | <b>4</b>  |

**Minimum number of classes per week: 4**

**Minimum number of classes in a semester: 60**

**COURSE OBJECTIVES:**

- To Impart Knowledge about various Fashion Details and designing various outfits

**Course Outline:**

**Module 1: Fabric Layout**

- Layout and its importance
- Types of Layout

**Module 2: Construction with different features**

- Basic bodice block with basic sleeve and shirt collar
- Dart cluster bodice with sailor collar and puff sleeves
- Princess style line bodice with Roll Collar, Circular Sleeves and Petal Sleeves
- Yoke Bodice block with stand Collar and Leg o mutton sleeve
- Yoke Bodice block with stand Collar and cowl sleeve
- Back Yoke Bodice with Mandarin Collar and Bishop Sleeve
- Back Yoke Bodice with Mandarin Collar and Lantern sleeve

**Module 3: Construction with Added Fullness**

- Added Fullness bodice with Basic Kimono sleeve Peter pan collar
- Basic Raglan sleeve & Sleeves with lowered armhole
- Flange Bodice
- Any Contoured bodice
- Any cowl Bodice

**COURSE OUTCOMES:**

**C.O.1.** Student will be able to design the garments with the help of patterns.

**C.O.2.** Students will be able to display his or her ideas with the help of Layout methods.

**References**

- Helen Jorah Armstrong-Pattern Making for Fashion Design Fourth Edition
- Mathews Practical Clothing Construction-Ra and
- Textbook of Fundamntal of Clothing Construction-hayi Marmitarian Cause
- Hilinouse and Manshet Drip Draping and Hat Pattern Making

- Complete Guide to Sewing Reader Digest.
- Band Allyna Hai Pattern Dean McGow Hill Pub USA
- Martin M. Shoben Pattern cutting making up CBS Publishers, New Delhi
- Pamila C Stinger (1995; Pattern drafting for dress making Augustan Publishers

**Signature**

A handwritten signature in blue ink, appearing to read 'Binita Kalita', is written above a horizontal blue line.

**BOS External Expert**  
**Dr. Binita BaishyaKalita**

**ASSAM WOMEN'S UNIVERSITY**

**SEMESTER IV**

| <b>Course Code</b> | <b>Course Title</b>           | <b>L</b> | <b>T</b> | <b>P</b> | <b>CH</b> | <b>CR</b> |
|--------------------|-------------------------------|----------|----------|----------|-----------|-----------|
| <b>BFTC-205</b>    | <b>Fashion Illustration-I</b> | <b>1</b> | <b>1</b> | <b>2</b> | <b>6</b>  | <b>4</b>  |

**Minimum number of classes per week: 4**

**Minimum number of classes in a semester: 60**

**COURSE OBJECTIVES:**

- Students will gain knowledge about the skill in fashion illustration
- To enable students to gain knowledge of figure sketching and drawing

**Course Outline –**

**Module 1: Introduction to Fashion illustration**

- Illustration and its importance .
- Different types of lines, Checks and Shapes on a garment

**Module 2: Figure Analysis**

- Figure analysis and its importance
- Introduction to different figure types

**Module 3: Illustration Fashion Figure**

- Role of fashion illustrator in fashion industry
- Differences between Normal figure and fashion figures Basic block figure
- Head distributions of basic 12 head fashion figure (Female)
- Stick Figure
- Block Figure
- Robo Figure
- Fashion Figure (Croqui)
- Movement Figure: different views and poses.

**Module 4: Illustration Female Face**

- Different views
- Features
- Hairstyles
- Showing make up on faces
- Sketching Woman's Accessories: Shoes, Bags, watches, Jewellery, scarves, sunglasses, Hats and other accessories

**COURSE OUTCOMES:**

**C.O.1.** Students will be able to understand the fashion design concepts and illustration techniques.

**C.O.2** The students will be able to do sketching and drawing.

References:

- Design Studies by Manmeet Sodhia. Kalyani Publishers
- Fashion Designers A-Z by Varie Steele, Suzy Menkes and Robert Nippoldt, Taschen; Multilingual edition, (May18,2018)
- Ireland Patrick John, Fashion Design Drawing &Presentation, Children, Men
- Ritu, Fashion Design illustrations
- Julian Seaman, Foundation in fashion design and illustration

**Signature**

A handwritten signature in blue ink, appearing to read 'B. Kalita', is written above a horizontal blue line.

**BOS External Expert**

**Dr. Binita BaishyaKalita**

**ASSAM WOMEN'S UNIVERSITY  
SEMESTER IV**

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| <b>Course Code</b> | <b>Course Title</b>       | <b>L</b> | <b>T</b> | <b>P</b> | <b>CH</b> | <b>CR</b> |
|--------------------|---------------------------|----------|----------|----------|-----------|-----------|
| <b>BFTM-202</b>    | <b>History of Fashion</b> | <b>2</b> | <b>1</b> | <b>0</b> | <b>3</b>  | <b>3</b>  |

**Minimum number of classes per week: 3**

**Minimum number of classes in a semester: 45**

**COURSE OBJECTIVES:**

- To give an insight and input about the various aspects of the History of fashion from the ancient times onwards.

**Course Outline –**

**Module 1: The Ancient World**

- Origin of clothing
- Pre historic Costumes
- Mesopotamian Civilization and their Costumes

**Module 2: Greek Civilization**

- Costume
- Headwear and hairstyles

**Module 3: Roman Civilization**

- Roman Costumes
- Headwear and hairstyles
- Footwear

**Module 4: Egyptian Civilization**

- Egyptian Costumes
- Headwear and hairstyles

**COURSE OUTCOMES:**

**C.O.1.** The students learn about the historic importance and relevance of the costumes and take inspiration and influence for their own creations.

**References**

- A history of costume in the west Francots Boucher
- Costume the Pepin press
- Historic Costumes Karen Baclawski



- The cronicle of western costume John Peacock
- Costume and Fashion Jack Cassin- Scoot
- Survey of historic costumes Phyllustortora
- The Complete Costume History Auguste Racinet

**Signature**

A handwritten signature in blue ink, appearing to read "B. Kalita", is written above a horizontal blue line.

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**Dr. Binita BaishyaKalita**

**ASSAM WOMEN'S UNIVERSITY**

**SEMESTER IV**

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| <b>Paper Code</b> | <b>Paper Title</b> | <b>L</b> | <b>T</b> | <b>P</b> | <b>CH</b> | <b>CR</b> |
|-------------------|--------------------|----------|----------|----------|-----------|-----------|
| <b>BFTM-203</b>   | <b>Draping I</b>   | <b>1</b> | <b>1</b> | <b>2</b> | <b>6</b>  | <b>4</b>  |

**Minimum number of classes per week: 3**

**Minimum number of classes in a semester: 45**

**Course Objective:**

- To enable students to make pattern by using dress form.
- To obtain perfect fit and harmony between the fabric and design of the garment.

**Course Outline:**

**Module 1: Introduction**

- History of Draping
- Tools and equipment
- Terminology of Draping
- Understanding the Fabric for Draping
- Clear picture of Dress Form
- Various sizes and types of dress forms available

**Module 2: Draping of Basic Bodice Block**

- Front and Back
- Single dart
- Double Dart
- Triple Dart
- Six Dart

**Module 3: Neckline variations**

- U, V, Round, Square,
- Horse Shoe,
- Sweet heart,
- Cowl,
- Key hole Neckline,
- Halter

**Module 4: Skirt Variations**

- Basic Skirt
- Flared Skirt
- Pleated Skirts: Knife, Inverted Pleat, Box Pleat

- Peg Skirt
- Wrap around Skirt
- Godet Skirt
- Yoke Skirt
- Asymmetrical Skirt
- A Line Skirt
- Gathered Skirt

**COURSE OUTCOMES:**

C.O.1: The student will be skill enough to start their own unit.

**References**

- Advanced drafting and draping by Manmeet Sodhia, Kalyani Publishers
- The art of fashion draping by Connie Amaden Crawford Fairchild
- Dress Fitting by Natalie Bray Blackwell Science
- Draping for Apparel Design Helen Joseph Armstrong
- The Art Of Fashion Draping Connie Amaden-Crawford.

**Signature**

A handwritten signature in blue ink, appearing to read 'B. Kalita', is written above a horizontal blue line.

**BOS External Expert**

**Dr. Binita BaishyaKalita**

**Third Year**

**ASSAM WOMEN'S UNIVERSITY**  
**SEMESTER V**

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| <b>Paper Code</b> | <b>Paper Title</b>                               | <b>L</b> | <b>T</b> | <b>P</b> | <b>CH</b> | <b>CR</b> |
|-------------------|--|----------|----------|----------|-----------|-----------|
| <b>BFTC-301</b>   | <b>Pattern Making Technology<br/>(PMT) - III</b> | <b>0</b> | <b>1</b> | <b>3</b> | <b>7</b>  | <b>4</b>  |

**Minimum number of classes per week: 4**

**Minimum number of classes in a semester: 60**

**COURSE OBJECTIVES:**

- To impart knowledge of pattern drafting.
- To impart knowledge about different aspects of Pattern Making.

**Course Outline:**

**Module 1: Women's Wear**

- Basic skirt,
- Low & High waist skirt
- A line
- Flared skirt
- Skirt with gathered waist line
- Gored skirt variations
- Tiers, peplums and pleats,
- Godet skirt
- Skirts with uneven hemlines

**Module 2: Torso & Tent**

- Torso Foundation,
- Panel dress foundation,
- Tent foundation,

**Module 3: Lower torso garments**

- Culottes
- Trousers
- Slacks and Jeans
- Shorts and Pant variation.

**Module 4: Grading**

- Basic Bodice,
- Basic Sleeve etc
- Sheath Skirt,

**COURSE OUTCOME:**

**C.O.1.** The students will be skilled enough to design garments appropriately to customer's satisfaction and need.

### References

- Armstrong Joseph Halen, PatternMaking for fashion Design, 2013 edition.
- Dress Design Draping Flat Pattern by Marion Hillhouse Evelyn Mansfield, 1948
- "Reader's Digest" Complete Guide to Sewing by [Reader's Digest Association](#), 9 October 1978
- Flat Pattern Design by [Allyne Bane](#), December 1, 1972.
- Pattern Cutting and Making Up by Janet Ward, Martin Shoben, 5 July 1987.
- Grading Techniques for Modern Design by [Jeanne Price](#), 1 September 1974

### Note –

- Size ten sloper to be used for all design variations.
- File should be made using full scale patterns (A2 are) and Basic staplers should also be transferred to ivory sheet.

**Signature**



**BOS External Expert**

**Dr. Binita Baishya Kalita**

**ASSAM WOMEN'S UNIVERSITY**

**SEMESTER V**

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| <b>Paper Code</b> | <b>Paper Title</b>                                 | <b>L</b> | <b>T</b> | <b>P</b> | <b>CH</b> | <b>CR</b> |
|-------------------|--|----------|----------|----------|-----------|-----------|
| <b>BFTC-302</b>   | <b>Garment Manufacturing Technology (GMT)- III</b> | <b>0</b> | <b>1</b> | <b>3</b> | <b>7</b>  | <b>4</b>  |

**Minimum number of classes per week: 4**

**Minimum number of classes in a semester: 60**

**COURSE OBJECTIVES:**

- To impart knowledge of machines used for sewing.
- To impart knowledge about various construction techniques and applying these techniques in garment construction.

**Course Outline:**

**Module 1: Skirt Variations**

- Basic skirt,
- Low & High waist skirt
- A line skirt
- Flared skirt
- Skirt with gathered waist line
- Gored skirt variations
- Tiers, peplums and pleats,
- Godet skirt
- Skirts with uneven hemlines

**Module 2: Torso & Tent**

- Torso Foundation,
- Panel dress foundation,
- Tent foundation,

**Module 3: Bifurcated Garments**

- Culottes
- Trousers
- Slacks and Jeans
- Shorts and Pant derivatives

**COURSE OUTCOME:**

**C.O.1.** The students will be skilled enough to construct garments appropriately to customer's satisfaction and need.

**References:**

- Armstrong Joseph Halen, PatternMaking for fashion Design, 2013 edition.
- Practical Clothing Construction by Mary Mathews, 09 Jan 2023.
- Textbook of Fundamentals of Clothing Construction. ICAR, New Delhi LabanyaMazumdar and R Vatsala, 2004.
- Dress Design: Draping and Flat Pattern Making by Hillhouse M.S. & Mansfield Evelyn A, 2009.
- "Reader's Digest" Complete Guide to Sewing by Reader's Digest Association, 9 October 1978.
- Flat Pattern Design by Allyne Bane Sewing 1972.
- Pattern Cutting and Making Up by Janet Ward, Martin Shoben, 5 July 1987.
- "Pattern drafting for dress making" PamilaC Stinger, Augustan Publishers 1995.

**Signature**

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**Dr. Binita Baishya Kalita**



**ASSAM WOMEN'S UNIVERSITY**

**SEMESTER V**

| <b>Paper Code</b> | <b>Paper Title</b>             | <b>L</b> | <b>T</b> | <b>P</b> | <b>CH</b> | <b>CR</b> |
|-------------------|--------------------------------|----------|----------|----------|-----------|-----------|
| <b>BFTC-303</b>   | <b>Fashion Illustration II</b> | <b>0</b> | <b>2</b> | <b>2</b> | <b>6</b>  | <b>4</b>  |

**Minimum number of classes per week: 4**

**Minimum number of classes in a semester: 60**

**COURSE OBJECTIVES:**

- To skill the students regarding how to make a design using lines, dot, shape and colour combination.
- Students will gain knowledge about the skill in fashion illustration and students will be able to illustrate different types of figures and dresses.

**Course Outline**

**Module 1: Colour and mediums**

- Practice with mediums
- Pencil Colour,
- Poster Colour,
- Water Colour,
- Photo colours etc
- The croqui- Face, tone, hair, eyes, etc

**Module 2: Sketching of fabric surface**

- Satin
- Silk
- Cotton
- Chiffon
- Georgette
- Denim
- Leather, etc.

**Module 3: Illustrations**

- Drapery
- Pose drawing
- X pose, y pose, S pose etc

**Module 4: Working with Prints**

- Zebra Print

- Giraffe Print
- Tiger Print
- Snake Print
- Leopard Print
- Dalmatian Print
- Stripes, Checks, Polka Dots etc.

### **References:**

- Fashion Design Manual, Pamela Stecker, 1996.
- Fashion Sketch book, Bin Abling, 2007.
- Fashion Design Illustration, [John M Turnpenny](#), January 1, 1981.
- Fashion Illustration Today, [Nicholas Drake](#), 1994.
- 9Heads: A Guide to Drawing Fashion by Nancy Riegelman, 22 October 2012.
- Fashion Illustration: Basic Techniques, [Julian Seaman](#) Batsford, 1996.

**Signature**

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**ASSAM WOMEN'S UNIVERSITY**

**SEMESTER V**

| <b>Paper Code</b> | <b>Paper Title</b> | <b>L</b> | <b>T</b> | <b>P</b> | <b>CH</b> | <b>CR</b> |
|-------------------|--------------------|----------|----------|----------|-----------|-----------|
| <b>BFTM-204</b>   | <b>Draping II</b>  | <b>0</b> | <b>1</b> | <b>3</b> | <b>7</b>  | <b>4</b>  |

**Minimum number of classes per week: 4**

**Minimum number of classes in a semester: 60**

**Course Objective:**

- To enable students to make pattern by using dress form.
- To obtain perfect fit and harmony between the fabric and design of the garment

**Course Outline:**

**Module 1: Draping techniques**

- Corset / Bustier
- Panelled Bodice Block
- Bodice Variations Style line Variations
- Bias Cut Dress
- Sculptured dress
- Bustier Dress
- Flounces Ruffles.
- Peplum U

**Module 2: Innovative Drapery**

- New creative drapes (Western) own design
- Symmetric & asymmetric evening gowns

**COURSE OUTCOMES:**

**C.O.1:** The student will be skilled enough to start their own unit of haute couture.

**References-**

- Draping for Apparel Design Helen Joseph Armstrong
- The Art of Fashion Draping Connie Amaden Crawford

**ASSAM WOMEN'S UNIVERSITY**  
**SEMESTER V**

| Paper Code | Paper Title | L | T | P | CH | CR |
|------------|-------------|---|---|---|----|----|
|            | Internship  | 0 | 0 | 4 | 8  | 4  |

**Industry Internship**

**Duration: 4 weeks**

**Course Objectives:**

- To conduct an in depth study of a chosen industry.
- To know the various methods of qualitative research methodology.
- To know the basics of visual and written presentation techniques for documentation.
- To learn about an industry, technology applied, the materials, techniques, products, processes, economics, work culture and their interrelations.

**Module: 1**

- Internship- Apparel/Textile
- Report writing
- Project preparation based on industrial training
- The report should be accompanied by the training certificate from the industry.
- It should be duly signed by the student.

**Course Outcomes:**

**C.O.1:** The students will acquire necessary knowledge and skills required for organizing and carrying out entrepreneurial activities,

**C.O.2:** To develop the ability of analyzing and understanding business situations in which entrepreneurs act and to master the knowledge necessary to plan entrepreneurial activities at the end of completion of this course.

**References:**

- Entrepreneurship by MadhurimaLall
- Retail Management by Gibson.GVedamani
- J.S. Saini: Entrepreneurship and Small Business in India, Himalaya Publishing House.
- P. Charantimath: Entrepreneurship Development: Small Business Enterprises, Pearson Education.
- Vasant Desai: Small-Scale Industries and Entrepreneurship, Himalaya Publishing House.
- Kaulgud: Entrepreneurship Management, Vikas Publishing House.
- S.S Kanka, Entrepreneurial Development, Revised edition, Sultan Chand Publications,New Delhi, 2012.

- Khanaka, S.S., Entrepreneurial Development, S. Chand and Company Ltd., New Delhi,(2006).
- Sanjay Tiwari and AnshujaTiwari, Entrepreneurship Development in India. Sarup & Sons, New

**Signature**

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**BOS External Expert**

**Dr. Binita BaishyaKalita**

**ASSAM WOMEN'S UNIVERSITY**

**SEMESTER VI**

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| <b>Paper Code</b> | <b>Paper Title</b>                  | <b>L</b> | <b>T</b> | <b>P</b> | <b>CH</b> | <b>CR</b> |
|-------------------|-------------------------------------|----------|----------|----------|-----------|-----------|
| <b>BFTC-305</b>   | <b>Pattern Making Technology-IV</b> | <b>0</b> | <b>2</b> | <b>2</b> | <b>6</b>  | <b>4</b>  |

**Minimum number of classes per week: 4**

**Minimum number of classes in a semester: 52**

**COURSE OBJECTIVES:**

- To impart knowledge of pattern adopting.
- To impart knowledge about different aspects of adaptation for designing purpose.

**Course Outline:**

**Module 1: Kids Wear**

- Basic skirt
- Ruffled and drawstring sleeve
- Flared skirt
- Gathered skirt with stylized waist line
- Yoked circular skirt,
- Collars

**Module 2: Dresses and Jumpers**

- Shift Foundation,
- Tent Foundation,
- Tent foundation with bib jumper
- Bib overall,
- Shorty shorts
- Flared shorts

**Module 3: Men's Wear**

- Introduction,
- Design for menswear,
- Basic principle and sizing
- Casual shirt block,
- classic casual jacket
- Basic one piece sleeve

- Front opening collars reverse
- Fitted, Semi Fitted, Easy fitted jackets

#### **Module 4: Men's Trouser**

- Trouser block parallel
- Trouser with pleated waistline
- Trouser with extra fullness
- Slim line trouser

#### **COURSE OUTCOME:**

**C.O.1:** The students will be skilled enough to design and adapt any garment design appropriately to customer's satisfaction and need.

#### **References:**

- Armstrong Joseph Helen, "Pattern Making for Fashion Design"
- Hillhouse and Mansfield. "Dress Design D. Pattern Company, 1975
- Complete Guide to Sewing Reader Digest
- Bane Allyne "Flat Pattern Design McGraw Hill Pub, USA
- Martin M Shoben, Pattern cutting making up? CBS Publisher Tiny De
- Pamela Stinger (1995) Pattern drafting for dress making Sunita Publisher, Delh

#### **Note—**

- Size 10 Sloper to be used for all design variations
- File should be made using full scale pattern (A2 size) and Basic slopers should also be transferred to ivory sheet.

**Signature**



**BOS External Expert**

**Dr. Binita Baishya Kalita**

**ASSAM WOMEN'S UNIVERSITY**

**SEMESTER VI**

| <b>Paper Code</b> | <b>Paper Title</b>                               | <b>L</b> | <b>T</b> | <b>P</b> | <b>CH</b> | <b>CR</b> |
|-------------------|--|----------|----------|----------|-----------|-----------|
| <b>BFTC-306</b>   | <b>Garment Manufacturing Technology (GMT)-IV</b> | <b>0</b> | <b>2</b> | <b>2</b> | <b>6</b>  | <b>4</b>  |

**Minimum number of classes per week: 4**

**Minimum number of classes in a semester: 52**

**COURSE OBJECTIVES:**

- To impart knowledge of garment designing.
- To impart knowledge about different aspects of construction for the purpose of innovative designing techniques.

**Course Outline:**

**Module 1: Kids Wear**

- Basic skirt
- Ruffled and drawstring sleeve
- Flared skirt
- Gathered skirt with stylized waist line
- Yoked circular skirt,
- Collars

**Module 2: Dresses and Jumpers**

- Shift Foundation,
- Tent Foundation,
- Tent foundation with bib jumper
- Bib overall,
- Shorty shorts
- Flared shorts

**Module 3: Men's Wear**

- Introduction,
- Design for menswear,
- Basic principle and sizing
- Casual shirt block,
- classic casual jacket
- Basic one piece sleeve



- Front opening collars reverse
- Fitted, Semi Fitted, Easy fitted jackets

#### **Module 4: Men's Trouser**

- Trouser block parallel
- Trouser with pleated waistline
- Trouser with extra fullness
- Slim line trouser

#### **Course Outcome:**

**C.O.1.** The students will be skilled enough to adapt and construct any garment design appropriately to customer's satisfaction and need.

#### **References-**

- Mathews M-Practical Clothing Construction-Part I and II.
- Textbook of Fundamentals of Clothing Construction-LabanyaMazumdar Indian Council of Agriculture Research.
- Heinous and Mams hold dress Design Draping and Flat PatternMaking
- Complete Guide to Sewing Reader Digest
- Bane Allyne: "Flat Pattern Design, Morava, USA
- Martin M. Shopen Pattern cutting making up. CBS Polaner's publishers
- Pamila Stinger 1995) Pattern drafting for dress making. Apata Publishers

**Signature**



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**ASSAM WOMEN'S UNIVERSITY  
SEMESTER VI**

| <b>Paper Code</b> | <b>Paper Title</b>               | <b>L</b> | <b>T</b> | <b>P</b> | <b>CH</b> | <b>CR</b> |
|-------------------|----------------------------------|----------|----------|----------|-----------|-----------|
| <b>BFTC-307</b>   | <b>Fashion Illustration: III</b> | <b>0</b> | <b>2</b> | <b>2</b> | <b>6</b>  | <b>4</b>  |

**Minimum number of classes per week: 4**

**Minimum number of classes in a semester: 52**

**COURSE OBJECTIVES-**

- To skill the students regarding how to make a design using lines, dot, shape and colour combination.
- Students will gain knowledge about the skill in fashion illustration and students will be able to illustrate different types of figures and dresses.

**Course Outline**

**Module 1: Illustration of kid's figure**

- Block Figure
- Stick Figure
- Robo Figure
- Fashion Figure

**Module 2: Illustration of Movement Figure**

- Side view
- Back view
- Sitting Pose
- Walking Pose
- X, Y and S pose

**Module 3: Illustration of body parts**

- Different Features of Face
- Hairstyles

**Module 4: Accessories**

- Hair Bands
- Clips
- Bracelets
- Caps
- Bags
- Foot wear

- Necklace
- Earring
- Belt
- watch

**COURSE OUTCOMES:**

**C.O.1.** Students will acquire knowledge and skill on how to make a design using lines, dot, and shape and colour combination.

**C.O.2** The students will be able to illustrate different types of figures and Features.

**References**

- Fashion Design Manual Pamela Stekar
- Fashion Sketch Book BinaAbling
- Fashion Design Illustration John Turnpenny
- Fashion Illustration Today Nicholas Drake
- Heads Nancy Riegelman
- Fashion Illustration Techniques Julian Seaman

**Signature**



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**ASSAM WOMEN'S UNIVERSITY**

**SEMESTER VI**

| <b>Paper Code</b> | <b>Paper Title</b>                                | <b>L</b> | <b>T</b> | <b>P</b> | <b>CH</b> | <b>CR</b> |
|-------------------|---|----------|----------|----------|-----------|-----------|
| <b>BFTC-308</b>   | <b>Fundamental of Marketing and Merchandising</b> | <b>3</b> | <b>1</b> | <b>0</b> | <b>4</b>  | <b>4</b>  |

**Minimum number of classes per week: 4**

**Minimum number of classes in a semester: 52**

**Objectives:**

- To impart knowledge on marketing and merchandising

**Module 1: Marketing and Environment**

- Marketing terminology -marketing, market, niche market, custom, vendor, Fashion market
- Introduction to marketing environment. The company's Micro and macro environment
- Supplier and Marketing intermediates.
- The company Macro environment- Demographic nature

**Module 2: Merchandising and Global Market Place**

- Retailing Techniques
- Role of fashion Unit
- Fashion forecasting
- Merchandising , role of merchandiser ,type of merchandising
- Global market place in 21st century

**Module 3: Project and Sourcing of Materials**

- Project
- Study on famous brands available in market for men, women and children.
- Sourcing of different materials for garments construction.

**Practical:**

- Market Survey and report writing.
- Industrial visit and report submission

**Course Outcome:**

**C.O.1:** Students will gain practical experience in the field of marketing and merchandising.

**References:**

- Easy M. Fashion marketing Tachwear 1994
- Jeannette mow Dickerson dine foton on Ha USA
- Kotler Phillip -Marketing Management.

- Jarnow and KG Dickerinn, "Inside The Fashion Business Prentice Hall 1997
- Elaine Stone, Jean A samples, "Fashion Merchandising McGraw Hill Books, 1985

**Signature**

A handwritten signature in blue ink, appearing to read "Binita Baishya Kalita", is written above a horizontal blue line.

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**Dr. Binita BaishyaKalita**

**ASSAM WOMEN'S UNIVERSITY**

**SEMESTER VI**

| <b>Paper Code</b> | <b>Paper Title</b> | <b>L</b> | <b>T</b> | <b>P</b> | <b>CH</b> | <b>CR</b> |
|-------------------|--------------------|----------|----------|----------|-----------|-----------|
| <b>BFTM-205</b>   | <b>Draping-III</b> | <b>0</b> | <b>2</b> | <b>2</b> | <b>6</b>  | <b>4</b>  |

**Minimum number of classes per week: 4**

**Minimum number of classes: 52**

**Course Objective:**

- To enable students to make pattern from sketch/ photograph and enable them to obtain perfect fit and harmony between the fabric and design of the garment.

**Course Outcome:**

**Module 1: Variations in darts**

- Introduction to: Equipment needed, Dress form/dummies, Grain, Preparation of fabric, Seam allowances/ease
- Preparation of basic Patterns by draping: Basic bodice – front and back, Basic skirt – front and back
- Dart manipulation/Variations in darts

**Module 2: Design Variation**

- Bodice variation: Princess line, yokes with gathers/pleats, Bustier
- Neckline Variations
- Draping of collars, on a body form using muslin cloth.
- Variations of skirts: A-line skirt, Circular skirt, Pleated skirt, Gathered skirt, Pegged skirt, Yoke skirt, Panel skirt

**Module 3: Design Creation**

- Dresses: Bias cut dress, Sculptured Dress, Bustier Design, etc

**Module 4: Quality control**

- Quality control check, finishing and packaging of the garment:
- Construction of any eight innovative garments for all age groups, for different themes, occasions, seasons (Fall Winter, Fall Spring, and Fall Autumn).
- After cutting and sewing of the garment, student will also be taught quality control check, finishing and packaging of the garment.

**COURSE OUTCOMES:**

**C.O.1:** After going through this subject, the student will be able to design by using dummy and free hand.

**C.O.2:** Construct garments appropriately to customer's satisfaction and need.

**References:**

- Advanced drafting and draping by Manmeet Sodhia Kalyani Publishers
- The art of fashion draping by Connie Amaden Crawford Fairchild
- Dress Fitting by Natalie Bray Blackwell Science

**Signature**

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**BOS External Expert**

**Dr. Binita Baishya Kalita**

Fourth Year



**ASSAM WOMEN'S UNIVERSITY**

**SEMESTER VII**

| <b>Paper Code</b> | <b>Paper Title</b>                  | <b>L</b> | <b>T</b> | <b>P</b> | <b>CH</b> | <b>CR</b> |
|-------------------|-------------------------------------|----------|----------|----------|-----------|-----------|
| <b>:BFTC-401</b>  | <b>Pattern Making Technology -V</b> | <b>0</b> | <b>2</b> | <b>2</b> | <b>6</b>  | <b>4</b>  |

**Minimum number of classes per week: 4**

**Minimum number of classes in a semester: 52**

**Course Objectives:**

- To impart knowledge of pattern making and garment construction technology.

**Course Outline:**

**Module 1:** Indian Module: Women's wear:

- Ladies blouse 4 dart
- Ladies kameez semi fit shirt (with waist dart & without)
- Salwar (Belted, simple)
- Patiala salwar
- Churidar
- Panel Petticoats
- Ladies Chemise.
- Designer Kurti

**Module 2:** Indian Module: Men's wear:

- Kurta Pajama
- Sherwani

**Course Outcome:**

**C.O.1:** To understand the method of pattern development for different genders in various sizes.

**References**

- Mathews M.-Practical Clothing Constructions-Part – II
- extbook of Fundamentals of Clothing Construction-Labanya Majumdar Indian Council of Agriculture Research
- Hill due and Mansfield Dress Design Draping and a Patternmaking Complete Guide to Sewing Reader Digest

- Ban Alyne, Flat Pattern Design, McGraw Hill Pub, USA
- Marin M Shaben. "Patterns cutting making up, CBS Publishers New Delhi
- Pamila C Stinger (1995) Pattern drafting for dress making Augustan Publishers

**Signature**

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**ASSAM WOMEN'S UNIVERSITY**

**SEMESTER VII**

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| <b>Paper Code</b> | <b>Paper Title</b>            | <b>L</b> | <b>T</b> | <b>P</b> | <b>CH</b> | <b>CR</b> |
|-------------------|-------------------------------|----------|----------|----------|-----------|-----------|
| <b>BFTC-402</b>   | <b>Garment Construction-1</b> | <b>0</b> | <b>2</b> | <b>2</b> | <b>6</b>  | <b>4</b>  |

**Minimum number of classes per week: 4**

**Minimum number of classes in a semester: 52**

**Course Objectives:**

- To understand and co-relate design, pattern and manufacturing processes involved in garment manufacturing/ production such as cutting, planning, spreading, and sewing in garment industry.

**Course Outline:**

**Module 1: Garment Construction**

- Market survey
- Conceptualization
- Design Development
- Final Presentation
- Product Development
- Product presentation

**Course Outcome:**

**C.O.1:** The student will be able to make pattern according to needs and demand of fashion lovers- kids garments and can design and construct garments appropriately.

**References:**

- Mathews M-Practical Clothing Construction-Part I and II
- Textbook of Fundamentals of Clothing Construction – Labanya Mazumdar, Indian council of Agriculture Research
- Hillhouse and Mar Wild "Dress Design Draping and Flat Patting
- "Complete Guide Saving Reader Digest
- Martin M Shoben Pattern cutting making up CBS Publisher

**ASSAM WOMEN'S UNIVERSITY**

**SEMESTER VII**

| <b>Paper Code:</b> | <b>Paper Title:</b>      | <b>L</b> | <b>T</b> | <b>P</b> | <b>CH</b> | <b>CR</b> |
|--------------------|--------------------------|----------|----------|----------|-----------|-----------|
| <b>BFTC-403</b>    | <b>Range Development</b> | <b>1</b> | <b>1</b> | <b>2</b> | <b>6</b>  | <b>4</b>  |

**Minimum number of classes per week: 4**

**Minimum number of classes in a semester: 52**

**Course Objectives:**

- To familiarize the students with special techniques of creation of fashion collection and develop skill in them for the development of fashion goods.

**Course Outline:**

**Module 1: Introduction**

- Definition
- Objectives
- Identification of range needs
- Study of competitors

**Module 2: Range development**

- Market Research
- Development of mood boards
- Portfolio development
- Work on Textures Collect swatches & Trimmings

**Module 3: Experimenting with fabrics**

- Swatch collection/ creation
- Trimmings
- Ornamentation
- Textures
- Making of tolls (muslin, pattern for the sainted collection)

**Module 4 Presentation & Feedback**

- Sale analysis
- Preparation of client board using CAD.
- Briefing design development team
- Briefing to manufacturer or supplier
- Product sampling
- Market test or trial run
- Quality control
- Types of packaging
- Final collection

**OUTCOME**

- Students will be able to know how a product development chain works
- They will be able to get confident about self-employability quality of product development chain.

### **References**

- Concept to Consumer by Fringes
- Sewing for Apparel Industry by Clair Sham
- Heinous and Mams hold dress Design Draping and Flat Pattern Making
- Bane Allyne: "Flat Pattern Design, Morava , USA

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**ASSAM WOMEN'S UNIVERSITY**

**SEMESTER VII**

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| <b>Paper Code</b> | <b>Paper Title</b>              | <b>L</b> | <b>T</b> | <b>P</b> | <b>CH</b> | <b>CR</b> |
|-------------------|---------------------------------|----------|----------|----------|-----------|-----------|
| <b>BFTC-404</b>   | <b>Principles of Management</b> | <b>3</b> | <b>1</b> | <b>0</b> | <b>4</b>  | <b>4</b>  |

**Minimum number of classes per week: 4**

**Minimum number of classes in a semester: 52**

**Course Objectives:**

- To enable students, understand management and importance of quality management in fashion Industry.

**Course Outline:**

**Module 1: Management & process**

- Definition, Nature, Purpose and Social responsibility of Manager.
- Types and Levels of Organization.
- Managerial Functions
- Process of Management: Planning, Organizing, Leading and Controlling

**Module 2: Planning and SWOT analysis**

- Planning-types, Steps and Process SWOT Analysis
- Organizational Structure, Types staff line of authority,
- Delegation and decentralization Process of Decision making,
- Motivation, Leadership Communication
- Finance-functions, responsibilities in management

**Practical:**

- Brainstorming session and group discussion.

**Visit:** Fashion Industry visit and report.

**Course Outcome:**

**C.O.1:** This course will make the students learn about various trends in management of fashion industry and understand various policies.

## References

- Management by Stoner & others
- Essentials of Management Stein Kooner & Wen-Part
- Management concept and cases by Bhattacharya

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SEMESTER VII

| Paper Code: | Paper Title:                                | L | T | P | CH | CR |
|-------------|---|---|---|---|----|----|
| BFTM-301    | Design Collection & Fashion Show/Exhibition | 0 | 2 | 2 | 6  | 4  |

Minimum number of classes per week: 4

Minimum number of classes in a semester: 52

**Course Objectives:**

- The subject aims at developing creative skills in illustrating styles and format and preparation of a Portfolio of innovative garment designs. Along these they are also provided with the experience of participating in a fashion show.

**Course Outline:**

**Module 1: Design collection**

- Organize fashion Show /Exhibition/Display.

**Module 2: Organize workshop**

- Organize workshop on developed garments throughout the semester.
- Report writing.

**Course Outcome:**

**C.O.1:** This paper will enable the students to learn different presentation skills. At the end of this course they will gain hands on experience of participating in a fashion show as a designer which will help improving their portfolio.

**References:**

- Fashion from concept to consumer by Dickerson Pearson.

**Signature**



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**ASSAM WOMEN'S UNIVERSITY**

**SEMESTER VIII**

| <b>Paper Code</b> | <b>Paper Title</b>             | <b>L</b> | <b>T</b> | <b>P</b> | <b>CH</b> | <b>CR</b> |
|-------------------|--------------------------------|----------|----------|----------|-----------|-----------|
| <b>BFTC-405</b>   | <b>Creative Pattern Making</b> | <b>0</b> | <b>2</b> | <b>2</b> | <b>6</b>  | <b>4</b>  |

**Minimum number of classes per week: 4**

**Minimum number of classes in a semester: 52**

**Course Objectives:**

- The students should be able to design and make creative pattern for construction of designer garments.

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**Module 1: Selection of outfits**

- Selection of three women's outfits and Incorporate the elements using dress form.
- Developing the muslin pattern.

**Module 2: Creating Pattern**

- Creating 6 no.s of final pattern out of 10 designs.
- Construction of 3 garments with different features.

**Module 3 Fittings**

- Fit Analysis: Overall fitting

**Course Outcome:**

**C.O.1:** The student will be able to design and construct garments appropriately to customer's satisfaction and need.

**References:**

- Advanced Drafting & Draping by Manmeet Sodhia Kalyani Publishers
- Basic Processes and clothing const. by Sherie DoongajiRajjPrakashan
- Text book of clothing and textiles by Sushma Gupta Kalyani Publishers

- Pattern cutting made easy by Gillian Holman Batsford
- Garment const. skills by Premlata Malik, Kalyani Publishers

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**SEMESTER VIII**

| <b>Paper Code</b> | <b>Paper Title:</b>   | <b>L</b> | <b>T</b> | <b>P</b> | <b>CH</b> | <b>CR</b> |
|-------------------|---|----------|----------|----------|-----------|-----------|
| <b>BFTC-406</b>   | <b>Fashion Research, Product Development &amp; Project Presentation</b> | 3        | 1        | 0        | 4         | 4         |

**Minimum number of classes per week: 4**

**Minimum number of classes in a semester: 52**

**Course Objective:**

- To introduce the student to the language of design and a range of skills associated with research methods, application and development for a fashion outcome.
- To help students to learn the procedure of doing research on a subject of their interest related to fashion field and then analyse & evaluate it in a presentable manner.

**Course Outline:**

**Module 1: Research methodology**

**Theory**

- Research – Meaning, objectives and motivation of research.
- Types of research - Fundamental vs. Applied. Descriptive, Applied, Quantitative, Qualitative, Conceptual, Empirical.
- Concept of researchable problem – research prioritization – selection of research problem.
- Approach to research – research process.
- Criteria of good research
- Hypothesis – meaning - characteristics - types of hypotheses
- Review of literature
- Setting of Course Objective and hypotheses - testing of hypotheses.
- Sampling theory and sampling design – sampling error –
- Methods of sampling – probability and non-probability sampling methods
- Criteria to choose samples.
- Research Designs: Meaning, need for research design , Concepts relating to research design
- Data collection – assessment of data needs – sources of data collection –discussion of different situations.
- Mailed questionnaire and interview schedule – structured, unstructured, open ended and closed-ended questions.
- Preparation of schedule, Interviewing techniques and field problems
- Methods of conducting survey – Reconnaissance survey and Pre testing.
- Scaling techniques.
- Coding, editing, tabulation and validation of data.
- Tools of analysis – data processing.
- Interpretation of results – Preparing research report / thesis
- Universal procedures for preparation of bibliography
- Writing of research articles.

## **Module 2: Fundamentals of Design thinking**

- Stages of Thinking- Define, Research Idea, Prototype
- Idea generation- Basic design directions, Themes for thinking, Inspiration and reference, Brainstorming, Presenting Ideas;

## **Module 3: Fashion Product Development**

- Introduction to Product development –based on function and session for children and adults
  - Worksheet

## **-Project Report**

### **References:**

- Gini Stephens Frings (1999): Fashion: From concept to consumer, Prentice-Hill Inc.
- Gavin Ambrose & Paul Harris, Design Thinking, AVA Publishing, Switzerland.
- Harry B. Watton, “New Product Planning”, Prentice Hall Inc., 1992.
- Jacob Solinger, “Apparel Manufacturing Handbook”, Reinhold Publications, 1998.
- Introduction to research in education, AryHort Reinhart, 1982
- Research methodology by C. R Kothari, Published by Wiley Eastern Ltd, New Delhi, 2000
- Design Research: Methods and Perspectives, edited by Brenda Laurel
- Lateral Thinking: Creativity Step by Step, Edward De Bono, 1970.
- How Customers Think: Essential Insights into the Mind of the Market – Gerald Zaltman
- Five Minds for the Future – Howard Gardner
- Harry Nystrom, “Creativity and Innovation”, John Wiley & Sons, 1979.

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**SEMESTER VIII**

| <b>Paper Code</b> | <b>Paper Title</b>                       | <b>L</b> | <b>T</b> | <b>P</b> | <b>CH</b> | <b>CR</b> |
|-------------------|--|----------|----------|----------|-----------|-----------|
| <b>BFTC-407</b>   | <b>Dissertation and Research Project</b> |          | <b>6</b> | <b>6</b> | <b>18</b> | <b>12</b> |

**Minimum number of classes per week: 4**

**Minimum number of classes in a semester: 156**


**Objectives:**

- To blend useful practices with modern research in Fashion, and carryout research work and enhance problem solving skills and research knowledge

**Course outline-**

- A dissertation/thesis shall form partial requirement for fulfillment of the total requirements of the total credit to become the eligible for a Bachelor degree.
- Research work shall have to be undertaken by students as per the University guidelines.

**Signature**



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