Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore

Shri Vaishnav Institute of Textile Technology

Choice Based Credit System (CBCS) in the light of NEP-2020

B.Des. In fashion design w.e.f. 2023-2024

SEMESTER-I (2026-2030)

COURSE CODE	CATEGORY	COURSE NAME		TEACHING & EVALUATION SCHEME					L	T	P	CREDITS
				THEORY			PRACTICAL					
			Marks	END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*				
BDFD101	BS	Textile Science-I	Max	60	20	20	30	20	3	0	2	4
			Min	24	16		13.5	9				

Legends: L - Lecture; **T** - Tutorial/Teacher Guided Student Activity; **P** – Practical; **C** - Credit; ***Teacher Assessment** shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

COURSE OBJECTIVES:

The objective of this course is to help students to:

1. Develop comprehensive understanding of Textile industry and its products.
2. Develop comprehensive understanding in the area of textile fibre, yarn and fabric.
3. Develop the knowledge of different textile processes and their significance.

Course Alignment with UNSDG:

The Course aims to fulfill the United Nations Sustainable Development Goals, **SDG 4 (Quality Education).**

Course outcomes: After completion of the course, the student will be able to:

CO-1	Understand the influence of textile industry on India and global economy
CO-2	Demonstrate the fundamentals of textile fibre identification and classifications.
CO-3	Have better understanding of textile spinning processes and weaving and knitting processes of the industries.

Teaching Pedagogy:

T1	Classroom teaching (white board), Power Point Presentations, Interactive lectures, Inquiry-based teaching
T2	ABL activities, Assignments, Flip Class/ Seminars, Quizzes, Oral Viva-voce examination

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SEMESTER-I (2026-2030)

COURSE CODE	CATEGORY	COURSE NAME		TEACHING & EVALUATION SCHEME					L	T	P	CREDITS
				THEORY			PRACTICAL					
			Marks	END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*				
BDFD101	BS	Textile Science-I	Max	60	20	20	30	20	3	0	2	4
			Min	24	16		13.5	9				

Legends: L - Lecture; **T** - Tutorial/Teacher Guided Student Activity; **P** – Practical; **C** - Credit; ***Teacher Assessment** shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

Assessment Tools

AT1-1	Quiz
AT1-2	Activity Based Learning
AT1-3	Midterm Exams
AT1-4	Flip Class
AT1-5	Seminar Presentation
AT1-6	Assignments
AT1-7	Poster
AT1-8	Oral Viva-voce examination
AT1-9	Industrial Visit Report

Prerequisites: HSC Standard Mathematics, knowledge of algebraic operations (manipulating equations, solving linear equations, etc.)

Module	Descriptors/Topics	Hours	Assessment tools
I	Textile fibres: Overview of Textile industries in India, Structure of Indian Textile Industry, Textile terminology, Classification of textile fibres — Plant fibre, Animal fibres and synthetic fibres, Physical and chemical identification of textile fibers like cotton, wool, silk, jute, nylon, polyester etc. Essential and desirable properties of textile fibres (length, strength, flexibility, spin-ability etc.	10	Quiz Mid-term Exam Assignment

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SEMESTER-I (2026-2030)

COURSE CODE	CATEGORY	COURSE NAME		TEACHING & EVALUATION SCHEME					L	T	P	CREDITS
				THEORY			PRACTICAL					
			Marks	END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*				
BDFD101	BS	Textile Science -I	Max	60	20	20	30	20	3	0	2	4
			Min	24	16		13.5	9				

Legends: L - Lecture; **T** - Tutorial/Teacher Guided Student Activity; **P** – Practical; **C** - Credit; ***Teacher Assessment** shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

II	Textile yarn: Definition - Staple fibre, Staple length, Different types of yarns - spun yarn and filament yarn, their properties, Different fancy or novelty yarns, Classification of fancy yarn and their uses.	9	Mid-Term Quiz Assignment
III	Yarn manufacturing Process: Introduction to the process of conversion of fibre to yarn — functions of spinning line like blowroom, carding, draw frame, speed frame and ring frame, yarn count and yarn twist, yarn numbering system,	8	Mid-Term Oral Viva-voce examination Presentation
IV	Fabric manufacturing process: Introductions to weaving preparatory process, Introduction to process of Conversion of yarn into fabric, grey fabric inspection, basic weaves and designs.	9	Quiz Assignment Presentation
V	Knitting and Nonwovens: Weft knitted fabrics — jersey, purl, rib and interlock and warp knitted fabrics — tricot and rashel and their characteristics and end uses. Different Non-woven fabrics, raw material used in manufacturing of nonwoven fabric and their key characteristics and end uses.	9	Quiz Assignment Oral Viva-voce examination

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SEMESTER-I (2026-2030)

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				THEORY			PRACTICAL					
			Marks	END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*				
BDFD101	BS	Textile Science-I	Max	60	20	20	30	20	3	0	2	4
			Min	24	16		13.5	9				

Legends: L - Lecture; **T** - Tutorial/Teacher Guided Student Activity; **P** – Practical; **C** - Credit; ***Teacher Assessment** shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

	Total Hours	60	

Additional Resources

A. Value addition to course content/ Skill enhancement content:

B. Remedial classes for slow learners: As per the AUMP SOP for slow and fast learners.

Suggested Readings:

Reference Books	1. Cotton Ring Spinning by Gilbert R. Merrill, Universal Publication, UK, 1959. 2. Fancy Yarns-Their Mfg. and Application by Gong R.H.& Wright R.M., Elsevier, 2002. 3. Textile Yarns Technology, Structure& Applications by Goswami B. C., Wiley India, 2010. 4. Woven Fabric Production 11, NCUTE, 1st Ed Dobby, Jacquard; NCUTE Publication, 2002. 5. Knitting Technology by Spencer, Woodhead Publishing, Abington Hall, Abington, 2001.
Suggested e- resources (Websites/e-books)	1. Yarn preparation by R. Sengupta, Popular Prakashan, 1963. 2. Plain Weaving Motions by K. T. Aswani, Publisher, Textile Trade Press, 1986. 3. A Practical Guide to Ring Spinning by Klein W, Textile Institute, 2000. 4. Knitting Technology by Ajgaonkar D. B., Universal Publication, 1998.

Course Articulation Matrix (Mapping of COs with POs)

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SEMESTER-I (2026-2030)

COURSE CODE	CATEGORY	COURSE NAME		TEACHING & EVALUATION SCHEME					L	T	P	CREDITS
				THEORY			PRACTICAL					
			Marks	END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*				
BDFD101	BS	Textile Science -I	Max	60	20	20	30	20	3	0	2	4
			Min	24	16		13.5	9				

Legends: L - Lecture; **T** - Tutorial/Teacher Guided Student Activity; **P** – Practical; **C** - Credit; ***Teacher Assessment** shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

Course Outcomes	Correlation with POs												Correlation with PSOs		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	✓	✓											✓		
CO2	✓	✓											✓		
CO3	✓	✓	✓										✓		

List of Experiments (Expand it if needed):

- Demonstration of burning and solubility test of cotton fibre.
- Demonstration of burning and solubility test of wool fibre.
- Demonstration of burning and solubility test of silk fibre.
- Demonstration of spinning lab machines
- Demonstration of weaving preparatory lab machines
- To study different types of knitted fabrics

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SEMESTER-I (2026-2030)

COURSE CODE	CATEGORY	COURSE NAME		TEACHING & EVALUATION SCHEME					L	T	P	CREDITS
				THEORY			PRACTICAL					
			MARKS	END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*				
BDFD102	DCC	INTRODUCTION TO FASHION	Max	60	20	20	30	20	3	0	2	4
			Min	24	16		13.5	9				

Legends: L - Lecture; **T** - Tutorial/Teacher Guided Student Activity; **P** – Practical; **C** - Credit; ***Teacher Assessment** shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

COURSE OBJECTIVES:

The objective of this course is to help students to:

1. To know basics about origin of fashion terminologies.
2. To develop an understanding of the evolution of fashion.
3. To develop a knowledge of fashion and garment components.

Course Alignment with UNSDG:

The Course aims to fulfill the United Nations Sustainable Development Goals, **SDG 4 (Quality Education).**

Course outcomes: After completion of the course, the student will be able to:

CO-1	To explain various fashion terminologies.
CO-2	To apply the principles of design and elements of design in the fashion field.
CO-3	To analyze the effective use of principle of design in garment designing.
CO-4	To demonstrate the knowledge of components in fashion/garment design.

Teaching Pedagogy:

T1	Classroom teaching (white board), Power Point Presentations, Interactive lectures, Inquiry-based teaching
T2	ABL activities, Assignments, Flip Class/ Seminars, Quizzes, Oral Viva-voce examination

Assessment Tools
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SEMESTER-I (2026-2030)

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				THEORY			PRACTICAL					
			MARKS	END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*				
BDFD102	DCC	INTRODUCTION TO FASHION	Max	60	20	20	30	20	3	0	2	4
			Min	24	16		13.5	9				

Legends: L - Lecture; **T** - Tutorial/Teacher Guided Student Activity; **P** – Practical; **C** - Credit; ***Teacher Assessment** shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

AT1-1	Quiz
AT1-2	Activity Based Learning
AT1-3	Midterm Exams
AT1-4	Flip Class
AT1-5	Seminar Presentation
AT1-6	Assignments
AT1-7	Poster
AT1-8	Oral Viva-voce examination
AT1-9	Industrial Visit Report

Prerequisites: HSC Standard Mathematics, knowledge of algebraic operations (manipulating equations, solving linear equations, etc.)

Module	Descriptors/Topics	Hours	Assessment tools
I	Introduction to Fashion Fashion definition, Origin of fashion terminology, Fashion designer, International Fashion designer, Indian Fashion designer, World famous fashion designer details.	9	Quiz Mid-term Exam Assignment
II	Fashion Style	9	Mid-Term Quiz Assignment

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SEMESTER-I (2026-2030)

COURSE CODE	CATEGORY	COURSE NAME		TEACHING & EVALUATION SCHEME					L	T	P	CREDITS
				THEORY			PRACTICAL					
			MARKS	END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*				
BDFD102	DCC	INTRODUCTION TO FASHION	Max	60	20	20	30	20	3	0	2	4
			Min	24	16		13.5	9				

Legends: L - Lecture; **T** - Tutorial/Teacher Guided Student Activity; **P** – Practical; **C** - Credit; ***Teacher Assessment** shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

	Evolution of Fashion, Classification of Fashion Style, Fashion theory, Fashion Cycle and reason for fashion in change, Factor influencing fashion, Environmental factors affecting Fashion.		
III	Principle of Fashion and Elements of Design Principle of Design- Balance, Types of Balance, Emphasis, Unity, Repetition, Rhythm, Pattern, Harmony, Proportion, Contrast, Functionality. Gestalt and his Concepts- Closures, Continuance, Similarity, Proximity, Alignment. Elements of Design- Point, Line, Characteristic of Line, Types of Line, Shapes, Categories of Shape, Space, Categories, Types of Textures, Types of silhouette.	9	Mid-Term Oral Viva-voce examination Presentation
IV	Color Introduction to Color, Color Theory, Color Harmonies, Color Schemes, Monochromatic, Achromatic, Complimentary, Split Complimentary, Double-Split Complimentary Polychromatic Color Wheel, Tint, Tone, Shades, Color Interaction. Primary colors, Secondary colors, Tertiary colors, Different Mediums in Art.	9	Quiz Assignmen t Presentation
V	Basic Components of Fashion Introduction basic drawing of Neck lines, Waistlines, Collars, Sleeves, cuffs, Plackets and Pockets. Fullness applied in apparel tucks, Pleats, Gathers, Shirring, Frills or Ruffles, Flounces.	9	Quiz Assignment Oral Viva-voce examination
	Total Hours	45	

Additional Resources

A. Value addition to course content/ Skill enhancement content:

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				THEORY			PRACTICAL					
			MARKS	END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*				
BDFD102	DCC	INTRODUCTION TO FASHION	Max	60	20	20	30	20	3	0	2	4
			Min	24	16		13.5	9				

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P – Practical; C - Credit; ***Teacher Assessment** shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

B. Remedial classes for slow learners: As per the AUMP SOP for slow and fast learners.

Suggested Readings:

Reference Books	1.Fashion: Form concepts to Consumer. Gini Stephens Frings, 9th edition, 2017. 2. Calasibetta, C.M., Fairchild's, Dicitonary of Fashion. New York, 1988. 3. Stecker, P., Fashion Design Manual, Melbourne, Macmillan Education, 1996. 4. Manfred Maier, Basic Principles of Design (Vol. 1-4) 1981, Van Nostrand Reinhold Inc., us.
Suggested e-resources (Websites/e-books)	1. Broomer, Gerald F., (1974), Elements of Design: Space, Davis Publications Inc. Worcester, Massachusetts. 2. Bruce D. Kurty, (1987), Visual imagination- An introduction of Art, Prentice Hall, New Jersey.

Course Articulation Matrix (Mapping of COs with POs)

Course Outcomes	Correlation with POs												Correlation with PSOs		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	✓														

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				THEORY			PRACTICAL					
			MARKS	END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*				
BDFD102	DCC	INTRODUCTION TO FASHION	Max	60	20	20	30	20	3	0	2	4
			Min	24	16		13.5	9				

Legends: L - Lecture; **T** - Tutorial/Teacher Guided Student Activity; **P** – Practical; **C** - Credit; ***Teacher Assessment** shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

CO2	✓														
CO3		✓												✓	
CO4		✓	✓											✓	

List of experiments

- Draw different types of Principle of design. Balance, types of balance emphasis, unity, repetition (rhythm, pattern), harmony, proportion (scale), variety (alteration), contrast, functionality.
- Prepare elements of design- Types of Lines, Line Compositions.
- Draw different types of Shapes- Geometric, Organic, Free-form, Natural, and Shape, composition, Positive and Negative.
- Prepare types of color scheme Primary colors - Color Wheel, Color Composition, Secondary colors - Color Wheel, Color Composition, Tertiary colors - Color Composition.
- Draw different types of neck lines and prepare any one with fabric.
- Draw different types of Silhouette on sheets.
- Draw different types of collar and prepare one with fabric.
- Draw different types of sleeves and prepare one with fabric.
- Draw different types of cuffs and prepare one with fabric.
- Draw different types of plackets and pockets tucks, Pleats, Gathers, Shirring, Frills or
- Ruffles, Flounces and prepare one with fabric.

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				THEORY			PRACTICAL					
			Marks	END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*				
BDFD103	SEC	COMPUTER BASICS	Max	0	0	0	30	20	0	0	2	2
			Min	0	0		13.5	9				

Legends: L - Lecture; **T** - Tutorial/Teacher Guided Student Activity; **P** – Practical; **C** - Credit; ***Teacher Assessment** shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

COURSE OBJECTIVES:

The objective of this course is to help students to:

1. The course will provide to know basics about computer system and various software.
2. The Course will provide hand on practice for various application software.

Course Alignment with UNSDG:

The Course aims to fulfill the United Nations Sustainable Development Goals, **SDG 4 (Quality Education).**

Course outcomes: After completion of the course, the student will be able to:

CO-1	Understand the about computer and its operating systems.
CO-2	Use of application software M S office, MS Paint and Adobe Photoshop.
CO-3	Utilize available tools for making design.

Teaching Pedagogy:

T1	Classroom teaching (white board), Power Point Presentations, Interactive lectures, Inquiry-based teaching
T2	ABL activities, Assignments, Flip Class/ Seminars, Quizzes, Oral Viva-voce examination

Assessment Tools

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SEMESTER-I (2026-2030)

COURSE CODE	CATEGORY	COURSE NAME		TEACHING & EVALUATION SCHEME					L	T	P	CREDITS
				THEORY			PRACTICAL					
			Marks	END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*				
BDFD103	SEC	COMPUTER BASICS	Max	0	0	0	30	20	0	0	2	2
			Min	0	0		13.5	9				

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P – Practical; C - Credit; ***Teacher Assessment** shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

AT1-1	Quiz
AT1-2	Activity Based Learning
AT1-3	Midterm Exams
AT1-4	Flip Class
AT1-5	Seminar Presentation
AT1-6	Assignments
AT1-7	Poster
AT1-8	Oral Viva-voce examination
AT1-9	Industrial Visit Report

Prerequisites: HSC Standard Mathematics, knowledge of algebraic operations (manipulating equations, solving linear equations, etc.)

Module	Descriptors/Topics	Hours	Assessment tools
	Introduction to computers, operating system, input/Output devices, Hardware, Software, Types of memory, various storage devices and data carrying devices such as CD, pen drive, portable hard disk, basic application software — MS Office, MS Paint, Adobe Reader, Adobe Photoshop.		Quiz Assignment Oral Viva-voce examination

Additional Resources

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SEMESTER-I (2026-2030)

COURSE CODE	CATEGORY	COURSE NAME		TEACHING & EVALUATION SCHEME					L	T	P	CREDITS
				THEORY			PRACTICAL					
			Marks	END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*				
BDFD103	SEC	COMPUTER BASICS	Max	0	0	0	30	20	0	0	2	2
			Min	0	0		13.5	9				

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P – Practical; C - Credit; *Teacher Assessment shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

A. **Value addition to course content/ Skill enhancement content:**

B. **Remedial classes for slow learners:** As per the AUMP SOP for slow and fast learners.

Suggested Readings:

Reference Books	1. Mastering PowerPoint 2000, by Katherine Murray, John Wiley & Sons publication, July 1999. 2. Mastering M S Office 2000 by Tech Media. 3. Step by Step Microsoft Excel 2010, Curtis Frye , PUBLISHED BY Microsoft Press A Division of Microsoft Corporation One Microsoft Way Redmond, Washington 98052-6399,2010
Suggested e- resources (Websites/e-books)	1. Adobe Photoshop Classroom in a Book, Conrad Chavez, Andrew Faulkner, Pearson Education, Limited, Dec 2021. 2. Step by Step Computer Learning, Dr. Dheeraj Malhotra, S. Chand Publishers. 2015.

Course Articulation Matrix (Mapping of COs with POs)

Course Outcomes	Correlation with POs	Correlation with PSOs

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Choice Based Credit System (CBCS) in the light of NEP-2020

B.Des. In fashion design w.e.f. 2023-2024

SEMESTER-I (2026-2030)

COURSE CODE	CATEGORY	COURSE NAME		TEACHING & EVALUATION SCHEME					L	T	P	CREDITS
				THEORY			PRACTICAL					
			Marks	END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*				
BDFD103	SEC	COMPUTER BASICS	Max	0	0	0	30	20	0	0	2	2
			Min	0	0		13.5	9				

Legends: **L** - Lecture; **T** - Tutorial/Teacher Guided Student Activity; **P** – Practical; **C** - Credit; ***Teacher Assessment** shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1					✓									✓	
CO2															✓
CO3					✓										

List of experiments:

- Introduction of M S Paint, use of Tabs, Title bar, Quick Access Toolbar, Ribbon.
- Use of color palette, formation of new color in palette.
- To draw, color and edit pictures in M S Paint.
- Making Presentation using power point - slide layouts, slide view, slide sorter view and slide show buttons - Setup show
- Applying design templates and backgrounds - Transitions & custom animation effects - Recording voice in presentation - Electronic presentations.
- Working with Microsoft word to create and edit new documents
- Working with Excel interface formatting and printing document.
- Creating and editing a document in adobe photoshop and use of various tools.
- Working with multiple images and use of various photo editing tools in adobe photoshop.

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B.Des. In fashion design w.e.f. 2023-2024

SEMESTER-I (2026-2030)

COURSE CODE	CATEGORY	COURSE NAME		TEACHING & EVALUATION SCHEME					L	T	P	CREDITS
				THEORY			PRACTICAL					
			Marks	END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*				
BDFD103	SEC	COMPUTER BASICS	Max	0	0	0	30	20	0	0	2	2
			Min	0	0		13.5	9				

Legends: L - Lecture; **T** - Tutorial/Teacher Guided Student Activity; **P** – Practical; **C** - Credit; ***Teacher Assessment** shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

- Using rulers, guides & grids, adjusting color with the new adjustments panel
- Getting started with layers and painting commands, understanding the background layer, creating, selecting, linking & deleting layers.

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SEMESTER-I (2026-2030)

COURSE CODE	CATEGORY	COURSE NAME		TEACHING & EVALUATION SCHEME					L	T	P	S	CREDITS
				THEORY			PRACTICAL						
			Marks	END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*					
BDFD104	PCC	SEWING TECHNIQUES	Max	60	20	20	30	20	2		2	2	5
			Min	24	16		13.5	9					

Legends: L - Lecture; **T** - Tutorial/Teacher Guided Student Activity; **P** – Practical; **C** - Credit; ***Teacher Assessment** shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

COURSE OBJECTIVES:

The student will have ability to:

1. To know the parts and functions of the sewing machine.
2. To develop the knowledge of sewing techniques with uses.
3. To evaluate and analyze the types of stitch and seam in dress making.

Course Alignment with UNSDG:

The Course aims to fulfill the United Nations Sustainable Development Goals, **SDG 4 (Quality Education).**

Course outcomes: After completion of the course, the student will be able to:

CO-1	Apply knowledge on Sewing machine.
CO-2	Operate the sewing machine.
CO-3	Understand stitches and seams with their uses.
CO-4	Prepare the dress with different stitches

Teaching Pedagogy:

T1	Classroom teaching (white board), Power Point Presentations, Interactive lectures, Inquiry-based teaching
T2	ABL activities, Assignments, Flip Class/ Seminars, Quizzes, Oral Viva-voce examination

Assessment Tools

AT1-1	Quiz

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SEMESTER-I (2026-2030)

COURSE CODE	CATEGORY	COURSE NAME		TEACHING & EVALUATION SCHEME					L	T	P	S	CREDITS
				THEORY			PRACTICAL						
			Marks	END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*					
BDFD104	DCC	SEWING TECHNIQUES	Max	60	20	20	30	20	2		2	2	5
			Min	24	16		13.5	9					

Legends: L - Lecture; **T** - Tutorial/Teacher Guided Student Activity; **P** – Practical; **C** - Credit; ***Teacher Assessment** shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

AT1-2	Activity Based Learning
AT1-3	Midterm Exams
AT1-4	Flip Class
AT1-5	Seminar Presentation
AT1-6	Assignments
AT1-7	Poster
AT1-8	Oral Viva-voce examination
AT1-9	Industrial Visit Report

Prerequisites: HSC Standard Mathematics, knowledge of algebraic operations (manipulating equations, solving linear equations, etc.)

Module	Descriptors/Topics	Hours	Assessment tools
I	Introduction of Sewing Machine History of sewing Machine, Types of sewing machine, parts of Sewing Mathine, Needles types, Techniques used in garment making, Care and Maintenance of the sewing machine.	8	Quiz Mid-term Exam Assignment
II	Introduction of Stitches Intra loop, inter loop and interlace, Stitch types and their uses, Chain stitches, Hand stitches, Lockstitches, Multithread chain stitches, over edge chain stitches, covering chain stitches, Decorative stitches.	6	Mid-Term Quiz Assignment

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SEMESTER-I (2026-2030)

COURSE CODE	CATEGORY	COURSE NAME		TEACHING & EVALUATION SCHEME					L	T	P	S	CREDITS
				THEORY			PRACTICAL						
			Marks	END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*					
BDFD104	DCC	SEWING TECHNIQUES	Max	60	20	20	30	20	2		2	2	5
			Min	24	16		13.5	9					

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P – Practical; C - Credit; ***Teacher Assessment** shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

III	Introduction of Seams Seam, applications of seam, types and their uses, superimposed seam, lapped seam, bound seam, flat and fell seam, French seam, decorative seam.	6	Mid-Term Oral Viva-voce examination Presentation
IV	Different Attachments on Garment Buttonhole, Button sewing, Plackets, Pockets, Sleeves, Collar, Cuff, laces braids, elastic hook and loop fastening, shoulder pads, eyelets, zip fasteners, snap fasteners, Rivets.	5	Quiz Assignment Presentation
V	Quality of Sewing Seam properties and performance, sewing threads, types, and properties, Sew ability and Tailor ability, Seam defects -Causes and remedies.	5	Quiz Assignment Oral Viva-voce examination
	Total Hours	30	

Additional Resources

A. **Value addition to course content/ Skill enhancement content:**

B. **Remedial classes for slow learners:** As per the AUMP SOP for slow and fast learners.

Suggested Readings:

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SEMESTER-I (2026-2030)

COURSE CODE	CATEGORY	COURSE NAME		TEACHING & EVALUATION SCHEME					L	T	P	S	CREDITS
				THEORY			PRACTICAL						
			Marks	END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*					
BDFD104	PCC	SEWING TECHNIQUES	Max	60	20	20	30	20	2		2	2	5
			Min	24	16		13.5	9					

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P – Practical; C - Credit; ***Teacher Assessment** shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

Reference Books	1. Handbook of Garments Manufacturing Technology by Eiri Staff, Educa Books, 2007. 2. Garment Manufacturing: Processes, Practices and Technology, Prasanta Sarkar, Online Clothing Study; First Edition, 2015. 3. Dress making Step by Step, Alison Smith, DK Publisher, 2015. 4. Pattern making for fashion design - H.G, Armstrong, Longman, 2015, 5. The Sewing Book: Over 300 Step-by-Step Techniques, Alison Smith, Dorling Kindersley, 2018.
Suggested e- resources (Websites/e-books)	1. Garment Technology for Fashion Designers, Gerry Cooklin, Blackwell Science, 1997. 2. Technology of Clothing Manufacture, Harold Carr and Barbara Latham, Wiley Publisher, 2008. 3. Cutting and Sewing Theory, Gayatri Verma and Kapil Dev, Asian Publishers, 2015.

Course Articulation Matrix (Mapping of COs with POs)

Course Outcomes	Correlation with POs												Correlation with PSOs		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	✓														

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SEMESTER-I (2026-2030)

COURSE CODE	CATEGORY	COURSE NAME		TEACHING & EVALUATION SCHEME					L	T	P	S	CREDITS
				THEORY			PRACTICAL						
			Marks	END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*					
BDFD104	BCC	SEWING TECHNIQUES	Max	60	20	20	30	20	2		2	2	5
			Min	24	16		13.5	9					

Legends: L - Lecture; **T** - Tutorial/Teacher Guided Student Activity; **P** – Practical; **C** - Credit; ***Teacher Assessment** shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

CO2	✓														
CO3	✓														
CO4		✓	✓											✓	

List of Experiments (Expand it if needed):

- To demonstrate sewing process.
- To study different types of sewing machine.
- To study different parts and functions of Lockstitch.
- To study different parts and functions of Interlock stitch machine.
- To study different parts and functions of Bar tag sewing machine.
- To study different types of stitch.
- To study different types of Seam.
- To study attachment of components on garment.
- To study seam defects.
- To study finishing of garment.

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Choice Based Credit System (CBCS) in the light of NEP-2020

B. Des. in Fashion Design w.e.f. 2026-30

SEMESTER-I (2026-2030)

COURSE CODE	CATEGORY	COURSE NAME		TEACHING & EVALUATION SCHEME					L	T	P	S	CREDITS
				THEORY			PRACTICAL						
			Marks	END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*					
BDFD105	DCC	PATTERN MAKING TECHNIQUES	Max	60	20	20	30	20	2		2	2	5
			Min	24	16		13.5	9					

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P – Practical; C - Credit; ***Teacher Assessment** shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

COURSE OBJECTIVES:

The student will have ability to:

1. To understand measurement skills.
2. To know about the basics of the Pattern making techniques.
3. To develop the basic bodies" blocks.
4. To understand the use of draping techniques.

Course Alignment with UNSDG:

The Course aims to fulfill the United Nations Sustainable Development Goals, **SDG 4 (Quality Education).**

Course outcomes: After completion of the course, the student will be able to:

CO-1	To create and use a set of basic blocks.
CO-2	To create and apply skills in dart and seam manipulation.
CO-3	To produce a full-scale pattern from creative designs and working drawings through pattern making.
CO-4	To understand pattern making with sewing techniques.

Teaching Pedagogy:

T1	Classroom teaching (white board), Power Point Presentations, Interactive lectures, Inquiry-based teaching
T2	ABL activities, Assignments, Flip Class/ Seminars, Quizzes, Oral Viva-voce examination

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SEMESTER-I (2026-2030)

COURSE CODE	CATEGORY	COURSE NAME		TEACHING & EVALUATION SCHEME					L	T	P	S	CREDITS
				THEORY			PRACTICAL						
			Marks	END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*					
BDFD105	BCC	PATTERN MAKING TECHNIQUES	Max	60	20	20	30	20	2		2	2	5
			Min	24	16		13.5	9					

Legends: L - Lecture; **T** - Tutorial/Teacher Guided Student Activity; **P** – Practical; **C** - Credit; ***Teacher Assessment** shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

Assessment Tools

AT1-1	Quiz
AT1-2	Activity Based Learning
AT1-3	Midterm Exams
AT1-4	Flip Class
AT1-5	Seminar Presentation
AT1-6	Assignments
AT1-7	Poster
AT1-8	Oral Viva-voce examination
AT1-9	Industrial Visit Report

Prerequisites: HSC Standard Mathematics, knowledge of algebraic operations (manipulating equations, solving linear equations, etc.)

Module	Descriptors/Topics	Hours	Assessment tools
I	Introduction of Pattern Making Introduction to flat pattern making a methods and concept, Pattern Terminology-Land marks, pattern terms, Balance terms and fabric terms.	5	Quiz Mid-term Exam Assignment
II	Measurement details Method of measuring body and dress form, Tools of pattern making, Common terms used in pattern development, Method for drafting the basic pattern set,(women/Kids), Torso Pattern, Test	7	Mid-Term Quiz Assignment

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Choice Based Credit System (CBCS) in the light of NEP-2020

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SEMESTER-I (2026-2030)

COURSE CODE	CATEGORY	COURSE NAME		TEACHING & EVALUATION SCHEME					L	T	P	S	CREDITS
				THEORY			PRACTICAL						
			Marks	END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*					
BDFD105	BCC	PATTERN MAKING TECHNIQUES	Max	60	20	20	30	20	2		2	2	5
			Min	24	16		13.5	9					

Legends: L - Lecture; **T** - Tutorial/Teacher Guided Student Activity; **P** – Practical; **C** - Credit; ***Teacher Assessment** shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

	fitting of patterns.		
III	Basic Bodies block Making the pattern of Basic Bodies, Basic Sleeves, and Basic Skirt Block, Industrial Pattern Making of Basic Bodies Block front-back, Basic sleeves, Basic Skirt block.	8	Mid-Term Oral Viva-voce examination Presentation
IV	Draping Introduction to Basics of draping, Grain line, preparation of muslin for draping, Dress form, Key to abbreviations used in draping, Basic Bodice Block — Front & Back, Basic Skirt Block — Front & Back, Skirt Variation, Collar variation, Yokes.	6	Quiz Assignment Presentation
V	Practice — worksheet and Construction of pattern Paper worksheets on different shapes, Introduction to Industry pattern department, types of cutters-Round Knife, Band Knife, Straight Knife, Construction of full size basic bodies block, assigning block fit, alteration to correct fit.	4	Quiz Assignment Oral Viva-voce examination
	Total Hours		

Additional Resources

A. Value addition to course content/ Skill enhancement content:

B. Remedial classes for slow learners: As per the AUMP SOP for slow and fast learners.

Suggested Readings:

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Choice Based Credit System (CBCS) in the light of NEP-2020

B. Des. in Fashion Design w.e.f. 2026-30

SEMESTER-I (2026-2030)

COURSE CODE	CATEGORY	COURSE NAME		TEACHING & EVALUATION SCHEME					L	T	P	S	CREDITS
				THEORY			PRACTICAL						
			Marks	END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*					
BDFD105	DCC	PATTERN MAKING TECHNIQUES	Max	60	20	20	30	20	2		2	2	5
			Min	24	16		13.5	9					

Legends: L - Lecture; **T** - Tutorial/Teacher Guided Student Activity; **P** – Practical; **C** - Credit; ***Teacher Assessment** shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

Reference Books	1. P. Counch, (2011) Illustrated Guide to Sewing: Garment Construction: A Complete Course on Making Clothing for Fit and Fashion, Fox Chapel Publishing. 2. Jaffe Hilde and Reils Nurie, (2011) Draping for Fashion Design, Paperback – Illustrated. 3. Injoo Kim, Mykyung Uh. (2008) Apparel Making in Fashion Design, Breg Publications. 4. W. Aldrich, (2008), Metric Pattern Cutting for women's wear, Willey Blackwell Publication.
Suggested e- resources (Websites/e-books)	1. H. G. Armstrong (2009) Pattern Making for Fashion Design, Prentice Hall, New York. 2. Claire Shaeffer, (2001) High Fashion Sewing Secrets from the World's Best Designers. A Step-by-Step Guide to Sewing Stylish Seams Buttonholes, Pockets, collars, Hems and more, Rodale Books Publishers.

Course Articulation Matrix (Mapping of COs with POs)

Course Outcomes	Correlation with POs												Correlation with PSOs		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	✓														
CO2	✓		✓												

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SEMESTER-I (2026-2030)

COURSE CODE	CATEGORY	COURSE NAME		TEACHING & EVALUATION SCHEME					L	T	P	S	CREDITS
				THEORY			PRACTICAL						
			Marks	END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*					
BDFD105	PCC	PATTERN MAKING TECHNIQUES	Max	60	20	20	30	20	2		2	2	5
			Min	24	16		13.5	9					

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P – Practical; C - Credit; ***Teacher Assessment** shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

CO3			✓											✓	
CO4	✓													✓	

List of Experiments (Expand if needed):

- Pattern making and drafting basic bodies front.
- Pattern making and drafting basic bodies back.
- Pattern making and drafting basic bodies Sleeve.
- Study the types of measurement techniques.
- Pattern making and Drafting basic Skirt.
- Industrial Pattern Making of Basic Bodies Block front and back.
- Prepare Industrial Pattern Making of Basic Bodies Sleeves and skirts.
- Prepare Industrial Basic Bodies Block — Front & Back with the help ofd raping.
- Prepare Basic Skirt's/Collar/Yoke with the help of draping

Chairperson
Board of Studies, Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore

Chairperson
Faculty of Studies, Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore

Controller of Examination
Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore

Registrar
Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore

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