

MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY, WB
Syllabus of B. Sc. Fashion Design & Management
(Effective for 2020-2021 Admission Session)
Choice Based Credit System
140 Credit (3-Year UG) MAKAUT Framework
w.e.f 2020-21

2nd Semester

Subject Type	Course Name	Course Code	Credit Distribution			Credit Points	Mode of Delivery			Proposed Moocs
			Theory	Practical	Tutorial		Offline	Online	Blended	
CC 3	Fashion Design Process	BFDM (T) 201	4	0	0	6	✓			As per MAKAUT Notification
		BFDM 291	0	2	0					
CC 4	Fundamentals of Pattern making & Sewing	BFDM (T) 202	4	0	0	6	✓			
		BFDM 292	0	2	0					
GE 2	Students have to select from the GE Basket					6			✓	
AECC 2	Environmental Science	BFDM 265	2	0	0	2	✓			
Semester Credits						20				

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CC3 – FASHION DESIGN PROCESS

Credits- 4T+2P

Course Objectives:

To provide an in-depth understanding of the fashion world to every student. This course is aimed to enable the student to identify and analyse all the trends in clothing behaviour and gain an insight on the planning process involved in both clothing selection and development of a design collection.

Course Outcomes (CO):

Sl	Course Outcome	Mapped modules
1	Remember & Understand the role of clothing in society	M1, M2, M3
2	Understand the process of selection of clothing to fulfil its role and its application	M2
3	Remember & Understand the history that has shaped modern clothing	M3
4	Remember & Understand the basics of fashion know-how	M4
5	Understand & Apply Design Process to Analyze the execution of concepts in garment design	M5
6	Understand & Apply Design Development process to Analyze the technical information required to execute a garment	M6

Theory: BFDM (T) 201

CO	Blooms Level (if applicable)	Modules	%age of questions
CO1	1,2	Module 1	25
CO2	1,2,3	Module 2	25
CO3	1,2	Module 3	25
CO4	1,2	Module 4	25
			100

Practical: BFDM 291

CO	Blooms Level (if applicable)	Modules	%age of questions
CO1			
CO2			
CO3			
CO4			
CO5	1,2,3,4	Module 5	60
CO6	3,4	Module 6	40
			100

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Detailed Course Curriculum:

Module I (8 Hours)

Introduction to Clothing:

Purpose of clothing (protection, modesty, attraction etc.)
Clothing Values,
Clothing Culture,
Clothing by gender and identity,
Role of clothing in groups and status,
Clothing according to climatic conditions (Arctic, African, Asia, Arabic, etc.)

Module II (8 Hours)

Selection of clothing:

Clothes according to age (kids to teenage, middle age, adults, etc)
Types of clothes according to body type,
Different materials for different clothes
Colors suitable for different garments
Clothing Categories
Wardrobe Planning
Planning for clothing needs (school, parties, sports, resting, etc.)
Social and Psychological Aspects of Fashion

Module III (12 Hours)

Ancient to Modern Clothing:

Youth style and fashion (Teddy boy, skins, mods, hippies, punks, taste of youth and their life style)
New Fashion and its Adaptation,
Fashion for all,
Ready to wear fashion,
Mass marketing of fashion

Module IV (8 Hours)

Introduction to Fashion Knowhow:

How the fashion industry work
Fashion Terminologies,
Role of Fashion Designer,
Fashion Leaders,
Fashion Cycle,
Fashion Brands,
Branding and Promotion,
Basics of Fashion Showing

Module V (Practical) (12 Hours)

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Design Process:

Forecast
Inspiration/Concept
Mindmap
Theme
Mood
Color
Client
Designer Research
Look/Silhouette
Swatch & Trims

Module VI (Practical) (12 Hours)

Design Development:

Range development
Flat Sketches
Hand and Digital Illustration
Technical Package
Basic Prototype (toile, muslin)
Catalogue Photo Shoot

Suggested Readings:

1. Elements of design and apparel design., Sumathy. G. New Age International Pvt. Ltd, 2002.
2. Art and Fashion in Clothing Selection, M.C. Gimsely and Harriot. T., Nova State Uty. Press, New York.
3. Fashion Design (Process, Innovation & Practice), Kathryn Mckelvey & Janine Munslow
4. Fashion from Concept to Consumer. Gini Stephens Frings
5. Introduction to Fashion Design. Patrick John Ireland
6. Encyclopaedia of Fashion Details. Patrick John Ireland
7. A History of Fashion. Kenneth, Black and Garland.
8. Fashion in the Western World. Doreen Yarwood, Trafalger Square.
9. Fashion Promotion: Building a Brand Through Marketing and Communication, Gwyneth Moore
10. A History of Fashion, Black A.J. (1985) USA Orbits Publishing Ltd.
11. Understanding Fashion, UK, Rouse E. (1989), Blackwell Science.
12. The Dictionary of Costume, UK, Wilcox T. Bats ford Ltd.
13. The Art of Dress Clothes and Society, Ashelford J. ISBN 1500-1914, Amazon- com.
14. Clothing – An Introductory College Course, Beth Quinlan etal

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CC4 – FUNDAMENTALS OF PATTERNMAKING & SEWING

Credits- 4T+2P

Course Objectives:

To provide working knowledge of garment manufacturing process. This course is aimed to empower the student with various technology used in bulk production of garment for fashion industry. Students will be able to understand and apply the acquired knowledge in their designs.

Course Outcomes (CO):

Sl	Course Outcome	Mapped modules
1	Remember & Understand the bulk manufacturing process of garments.	M1
2	Understand and learn how to create basic pattern blocks for a particular standard body measurement	M2
3	Understand & apply pattern manipulation techniques	M3
4	Remember & Understand sewing process and sewing machine	M4
5	Remember & Understand different types of seams & seam finishes	M5
6	Apply different sewing techniques for construction of a garment	M6

Syllabus:

(Theory) BFDM (T) 202

CO	Blooms Level (if applicable)	Modules	%age of questions
CO1	1,2	Module 1	30
CO2			
CO3			
CO4	1,2	Module	30
CO5	1,2	Module 5	20
CO6	2,3	Module 6	20
			100

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(Practical) BFDM 292

CO	Blooms Level (if applicable)	Modules	%age of questions
CO1			
CO2	1,2	Module 2	20
CO3	2,3	Module 3	30
CO4			
CO5	1,2	Module 5	20
CO6	2,3	Module 6	30
			100

Detailed Course Curriculum:

Module I (6 Hours)

Introduction to the process of bulk manufacturing of garments –
 Flat Patternmaking
 Draping,
 Making of Marker
 Bulk cutting of fabric
 Pattern making tools,
 Industrial dress form,
 Terminologies
 Different body measurements

Module II (10 Hours)

Making Basic pattern blocks:
 Bodice, Skirt, Sleeve, Torso, Trouser
 Making Toile fit for all pattern blocks

Module III (14 Hours)

Pattern Manipulation Techniques – Making patterns for different styles of top, skirt, sleeve & dresses from the basic pattern blocks

Module IV (6 Hours)

Introduction to Sewing - Industrial Sewing machine – machine parts, terminology, safety rules
 Function of different machine parts, working principle of industrial sewing machine
 Pressing Equipment – application, Technology of Pressing, safety rules
 Stitching on executive bond paper – parallel lines, broken lines, cornered lines and waves.
 Stitching on muslin fabric paper – parallel lines, broken lines, cornered lines and waves.

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Stitching defects

Module V (Practical) (8 Hours)

Seams & Seam finishing – Seam classification

Making samples of Different types of seams: - super imposed, lapped, bound, French seam, Mock French, flat felled etc.

Seam finishes- pinked seam, over locked, bias bound, edge stitch etc.

Module VI (Practical) (16 Hours)

Sewing a garment:

Finishing of raw edge / hem: Hand hemming, machine hemming, piping, facing and binding.

Introducing fullness: - Tucks (blind, spaced, pin, released, cross), Pleats – (knife, box, inverted), Gathering, Godets, Ruffles

Different types of closing system – (Button, hooks, zippers, Velcro etc.)

Making samples of different types of zippers

Different types of pockets – it location, function & technicality

Making samples of different types of pockets

Suggested readings:

1. Readers Digest, Guide to Sewing and Knitting.
2. Sewing for the Apparel Industry – Claire Shaeffer, Prentice Hall.
3. Garment Technology for Fashion Designers – Gerry Cooklin, Book Link, USA.□
4. Sewing for Fashion Design- Nurie Relis/Gail Strauss-Reston Publishing Co.
5. New Complete Guide To Sewing, Reader's Digest
6. Pattern making for Fashion Design .,Armstrong & Joseph.H., Harper & Row Publications.
7. Designing Apparel Through the Flat Pattern ., E. Rolfo Kopp & Zelin., Fairchild Publications.
8. How to Draft Basic Patterns ., E. Rolfo Kopp & Zelin ., Fairchild Publications.
9. New Fashion Areas for Designing Apparel Through the Flat Pattern., E. Rolfo Kopp & Zelin ., Fairchild Publications.
10. Garmnet Technology for Fashion Designers ., Gerry Cooklin, Book Link.

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AECC 2- Environmental Science

Semester Credits- 2T

Course Objective: The course is designed to provide a working knowledge of environment, ecology and physical sciences for problem solving. The learner will be able to remember, understand and apply the taught concepts and methods involving social and environmental processes for betterment of environmental health and safety.

COURSE OUTCOMES (CO):

Sl	Course Outcome	Mapped modules
1	Be able to remember the basic concepts related to environment & ecology	M1,M2
2	Be able to remember & understand the scientific problem related to air, water, noise & land pollution	M1, M2
3	Be able to understand environmental laws , regulations , guidelines and n applying those for maintaining quality of environmental health and safety .	M1, M2,M3

Module Number	Content	Total Hours	%age of questions	Covered CO	Blooms Level
Module 1	Environmental Concepts	7	30%	1,2	L1
Module 2	Resources & Pollution	6	30%	2,3	L1, L2
Module 3	Environment Management	7	40%	1,2,3	L2,L3

SYLLABUS

Module 1: Environmental Concepts – Definition & basic concept of Environment & Ecology, man, society & environment, their interrelationship, Elements of ecology elements of ecology - species, population, community, definition of ecosystem- Structure & function of ecosystem (Bio geo chemical cycles, food chain, energy flow, ecological pyramid), Biodiversity & its threats and remedies. [7]

Module 2: Resources & Pollution – renewable & non-renewable resources, Bio-degradable and non-biodegradable pollutants, Sources & Effects of Pollution, Methods of Control (Air, Water. Land, & Noise)

Module 3: Environment Management - Concept & scope of environment Management, National environmental policy & Environmental Legislations in India, Environment Management System – ISO 14000, Environmental Audit, Eco mark, green Industry, Cases on Environment Impact Assessment.

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REFERENCES

Suggested Readings

1. N.K. Oberoi: Environmental Management, Excel Books
2. G.N. Pandey: Environmental Management, Vikas
3. K.M. Agrawal & P.K. Sikdar: Text Book of Environment, MacMillan
4. L.W. Canter: Environmental Impact Assessment, McGraw Hill
5. M.P. Poonia & S.C. Sharma, Environmental Studies, Khanna Publishing House (AICTE Recommended Textbook – 2018)
6. Masters, G. M., “Introduction to Environmental Engineering and Science”, Prentice-Hall of India Pvt. Ltd.,1991.
7. De, A. K., “Environmental Chemistry”, New Age International
8. Fundamentals of Ecology -Odum, E.P.
9. Instant notes on Ecology -Mackenzie, A., Ball, A.S. and Virdee, S.R. (1999) Viva Books
10. G. Dasmahapatra – Basic Environmental Engineering & Elementary Biology, Vikas Publication
11. Environmental Science, Cunningham, TMH
12. Environmental Pollution Control Engineering, C.S.Rao, New Age International
13. Environmental Science, Wright & Nebel, PHI
14. Environmental Pollution Analysis, S.M.Khopkar, New Age International