



HINDUSTAN

INSTITUTE OF TECHNOLOGY & SCIENCE
(DEEMED TO BE UNIVERSITY)

M. DESIGN - FASHION TECHNOLOGY

(Duration: 2 Years)

CURRICULUM and SYLLABUS

(Applicable for Students admitted from Academic Year 2021-22)

DEPARTMENT OF FASHION, DESIGN AND ARTS
SCHOOL OF PLANNING, ARCHITECTURE AND DESIGN EXCELLENCE
HINDUSTAN INSTITUTE OF TECHNOLOGY AND SCIENCE

HINDUSTAN INSTITUTE OF TECHNOLOGY AND SCIENCE

Motto:

To Make Every Man a Success and No Man a Failure

Vision:

To be an International Institute of Excellence, providing a conducive environment for education with a strong emphasis on innovation, quality, research and strategic partnership blended with values and commitment to society.

Mission:

- *To create an ecosystem that promotes learning and world class research.*
- *To nurture creativity and innovation.*
- *To in still highest ethical standards and values.*
- *To pursue activities for the development of the Society.*
- *To develop national and international collaborations with institutes and industries of eminence.*
- *To enable graduates to become future leaders and innovators.*

Value Statement:

Integrity, Innovation, Internationalization.

DEPARTMENT OF FASHION, DESIGN AND ARTS

Vision:

To sculpt young minds with design thinking, instil passion and flare for designing and help aspiring students to become successful designers, entrepreneurs and industry ready professionals.

Mission:

- *To provide education with innovative curriculum imparting high quality education*
- *To offer up-to-date technology and infrastructure to enhance research analysis*
- *To provide an environment to work closely with industries to materialize collaborative and applied research*
- *To impart technical, managerial and lifelong learning skills, embedded with ethical values and social relevance to become successful entrepreneurs*

PROGRAMME'S EDUCATIONAL OBJECTIVES (PEO'S):

PEO1. Excel in their professional career in the Fashion industry by applying advanced knowledge

PEO2. Provide an environment to pursue higher education including research by applying the knowledge of Fashion Design and Technology.

PEO3. Access the industry requirements and provide tangible solutions with social consciousness and ethical values

PROGRAMME'S OUTCOMES (PO'S):

- PO1 Scholarship of knowledge:** Acquire in-depth knowledge of specific discipline or professional area, including wider and global perspective, with an ability to discriminate, evaluate, analyze and synthesize existing and new knowledge, and integration of the same for enhancement of knowledge.
- PO2 Fashion Fundamentals:** To apply the knowledge of elements and principles of design and fashion to create futuristic designs on various domains and develop prototypes using draping, flat pattern making and stitching
- PO3 Design Thinking:** Think laterally and originally, conceptualize and solve design problems, evaluate a wide range of potential solutions that are feasible, optimal with due consideration of public health, safety, cultural, societal and environmental factors.
- PO4 Fashion Business Management:** Demonstrate knowledge and understanding of fashion and management principles to apply the same to one's own work, as a member and leader in a team, manage projects proficiently in respective disciplines and multidisciplinary environments after consideration of economic and financial factors.
- PO5 Sustainable Product Development:** Acquire professional and intellectual integrity, professional code of conduct, ethics in designing and scholarship, consideration of the impact of research outcomes on professional practices and an understanding of responsibility to contribute to the community for sustainable development of society.
- PO6 Visual Communication:** To visually communicate ideas in the form of artistic fashion illustrations, graphic illustration, styling, fashion photography and visual display of merchandise.
- PO7 Collaborative and multidisciplinary work:** Process knowledge and understanding of group dynamics, recognize opportunities and contribute positively to collaborate-multidisciplinary understanding, demonstrating a capacity for self-management and teamwork, decision—making based on open-mindedness, objectivity and rational analysis in order to achieve common goals and further the learning of themselves as well as others.

- PO8 Life-Long Learning:** Recognize the need for, and have the preparation and ability to engage in life-long learning independently, with a high level of enthusiasm and commitment to improve knowledge and competence continuously.
- PO9 Research Skill:** Extract information pertinent to unfamiliar problems through literature survey and experiments, apply appropriate design research methodologies, techniques and tools, design, conduct study, analyse and interpret data, demonstrate higher order skill and view things in a broader perspective. To contribute individually / in group(s) to the development of scientific & technological knowledge in one or more domains of fashion.
- PO10 Fashion Design Career:** To Pursue career in Designing and become skilled Fashion Designer, Stylist, Fashion Product Developer, Visual Merchandiser, Design manager, Fashion Journalist, Costume Designer, Fashion Consultant, Fashion Illustrator and Graphic Designer.
- PO 11 Industry or Entrepreneurship Career:** To pursue a professional career in Fashion Industry or Apparel industry as a Technical Designer, Brand Sales Manager, Fashion Journalist, Merchandiser, Production Manager, Botique manager or set up own Botique, Brand or Apparel unit.

PROGRAMME'S SPECIFIC OUTCOMES (PSO'S):

PSO-1: Strong foundation knowledge on Fabrics, Fashion and developing Design Thinking Skills

PSO-2: Visually represent ideas; develop sustainable products and Business Projects.

PSO-3: Practical and creative thinking for problem solving, team building, decision making, developing leadership skill and personality.

PSO-4: Career pathways to pursue Research or Fashion related careers.

CREDITS SPLIT UP UNDER EACH CATEGORY

Sl. no.	Category Courses		No. of Courses	Credits	Percentage	Total
1	PROGRAMME CORE COURSES (PC)	Professional Core (TH)	7	16	22.9	52.9
		Professional Core (Lab)	6	18	25.8	
		Mini Project	1	3	4.2	
2	ELECTIVE COURSES (Ele)	Programme Electives	4	12	17.1	17.1
3	MANDATORY LEARNING COURSES (MLC)	Open Elective	1	3	4.2	12.9
		Research Methodology & IPR	1	2	2.9	
		Seminar	1	2	2.9	
		Summer internship	1	2	2.9	
4	PROJECT(MP)	Major Project	1	12	17.1	17.1
		TOTAL	23	70	100	100

M. DESIGN - FASHION TECHNOLOGY									
(70 CREDIT STRUCTURE)									
SEMESTER - I									
S. NO	COURSE CATEGORY	COURSE CODE	NAME OF THE COURSE	L	T	P	C	S	TCH
THEORY									
1	PC	MDB1501	Fabric Study	2	0	0	2	0	2
2	PC	MDB1502	Fashion Studies	2	0	2	3	1	4
3	PC	MDB1503	Brand Study	2	0	0	2	1	2
4	PC	MDB1504	Professional Development	2	0	0	2	0	2
5	PC	ZZZ3715	Research Methodology & Intellectual Property Rights	2	0	0	2	0	2
6	NE	NE***	Open Elective	3	0	0	3	0	3
PRACTICAL									
7	PC	MDB1531	Design Thinking	1	0	4	3	2	5
8	PC	MDB1532	Fashion Illustration	0	1	4	3	1	5
			Total	14	1	10	20	5	25
L – Lecture ; T – Tutorial ; P – Practical ; C – Credit; S- Self Study; TCH- Total Contact Hours									

SEMESTER - II									
S. NO	COURSE CATEGORY	COURSE CODE	NAME OF THE COURSE	L	T	P	CREDIT	S	TCH
THEORY									
1	PC	MDB1516	Business of Fashion	3	0	0	3	0	3
2	PC	MDB1517	Fashion Trends & Forecasting	2	0	0	2	0	2
3	PC	MDB1518	Sustainability Study	1	0	2	2	0	3
4	PC	MDB1519	Seminar	2	0	0	2	1	2
PRACTICAL									
5	PC	MDB1541	Design Innovation	1	1	2	3	0	4
6	PC	MDB1542	Digital Design	0	1	4	3	0	5
7	PC	MDB1543	Portfolio Development	0	1	4	3	0	5
8	PC	MDB1544	Pattern Making & Garment Construction	0	0	6	3	0	6
			Total	9	3	18	21	1	29
L – Lecture ; T – Tutorial ; P – Practical ; C – Credit; S- Self Study; TCH- Total Contact Hours									

M. DESIGN - FASHION TECHNOLOGY									
(70 CREDIT STRUCTURE)									
SEMESTER – III									
S. NO	COURSE CATEGORY	COURSE CODE	NAME OF THE COURSE	L	T	P	CREDITS	S	TCH
THEORY									
1	PE	MDC166X	Professional Elective Group A or B	-	-	-	3	-	-
2	PE	MDC166X	Professional Elective Group A or B	-	-	-	3	-	-
3	PE	MDC166X	Professional Elective Group A or B	-	-	-	3	-	-
4	PE	MDC166X	Professional Elective Group A or B	-	-	-	3	-	-
PRACTICAL									
5	PC	MDB1631	Design Project	0	0	6	3	0	6
6	PC	MDB1632	Summer Internship	0	0	0	2	0	0
			Total	-	-	-	17	0	-
L – Lecture ; T – Tutorial ; P – Practical ; C – Credit; S- Self Study; TCH- Total Contact Hours									

SEMESTER - IV									
S. NO	COURSE CATEGORY	COURSE CODE	NAME OF THE COURSE	L	T	P	C	S	TCH
PRACTICAL									
1	PC	MDB1641	Industry Design Project	0	0	24	12	6	24
			Total	0	0	24	12	6	24
L – Lecture ; T – Tutorial ; P – Practical ; C – Credit; S- Self Study; TCH- Total Contact Hours									

Professional Elective

Professional Elective Group A - Semester III

FASHION DESIGN

S. NO	COURSE CATEGORY	COURSE CODE	NAME OF THE COURSE	L	T	P	C	S	TCH
1	PE	MDC1661	Traditional Textiles & Costume Study	3	0	0	3	0	3
2	PE	MDC1662	Fashion Styling & Photography	0	0	6	3	0	6
3	PE	MDC1663	Pattern Making & Garment Construction II	0	0	6	3	0	6
4	PE	MDC1664	Surface Embellishments	0	0	6	3	0	6

OR

Professional Elective Group B - Semester III

FASHION TECHNOLOGY

S. NO	COURSE CATEGORY	COURSE CODE	NAME OF THE COURSE	L	T	P	C	S	TCH
1	PE	MDC1665	Apparel Production, Merchandising & Management	3	0	0	3	0	3
2	PE	MDC1666	Entrepreneurship & Business Plan Development	2	0	2	3	0	4
3	PE	MDC1667	ERP & Garment CAD	0	0	6	3	0	6
4	PE	MDC1668	Strategic & Digital Marketing	1	0	4	3	0	5