



**RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY, NAGPUR
(Established by Government of Central Provinces Education Department
by Notification No. 513 dated the 1st of August, 1923 & presently a State
University governed by Maharashtra Public Universities Act, 2016)**

**RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY, NAGPUR
FACULTY OF SCIENCE AND TECHNOLOGY**

DIRECTION NO 13.OF 2019

**(Issued under section 12(8) of the Maharashtra Public Universities Act,
2016)**

**The Examination leading to the POST GRADUATE DIPLOMA IN FASHION
TECHNOLOGY (Credit Base Semester pattern) Direction 2019**

Whereas the Maharashtra Universities Act, 2016 is made applicable to the University w.e.f. 1st March 2017 (hereinafter referred to as the Act);

AND

Whereas, Section 12(8) of the Act empowered the Vice-Chancellor to issue Direction for regulating the matter for which statute/Ordinance /Regulations is not made or to amend the existing statute /ordinance /Regulations;

AND

Whereas provision of section 12(8) provided that the Direction issued by the Vice-Chancellor shall automatically lapsed after 180 days.

AND

Whereas, Direction No. 77 of 2016 was issued by the Vice-Chancellor on 07/10/2016. Which could not have been converted into the Statute/Ordinance/Regulations within Six months

AND

Whereas, Direction No.77 of 2016 issued by the Vice-Chancellor on 07/10/2016 is required to be renewed for regulating the matter involved in the said Direction.

Now, therefore, I, Dr. Siddharthavinayaka P. Kane, Vice- Chancellor, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur in exercise of powers conferred upon me under provision of section 12(8) of the Maharashtra Public Universities Act, 2016, do hereby issue following Directions to renew Direction No. 77 of 2016.

1. This Direction shall be called "Direction Governing the Examination leading to the P.G Diploma in Fashion Technology, (Credit Base Semester pattern) in the Faculty of Science and Technology, Direction No.—13 of 2019, R.T.M.Nagpur University, Nagpur.”.
2. The duration of the course P.G. Diploma in Fashion technology shall be of One and half years consisting of three semester with University examinations at the end of each semester namely:
 - a. P.G. Diploma in Fashion Technology Semester I Exam.
 - b. P.G. Diploma in Fashion Technology Semester II Exam.
 - c. P.G. Diploma in Fashion Technology Semester III Exam.
3. The theory examination of Semester-I, , and II shall be conducted by the University and shall be held separately at the end of each semester at such places and dates as may be decided and notified by the University.

ELIGIBILITY TO THE COURSE:

4. Subject to the compliance of the provisions of this Direction and any other ordinances in force from time to time, an applicant for admission to the examination shall have passed Graduate in any discipline, or any other equivalent examination from any recognized University in India or abroad/ three year diploma course in Fashion Design, Garment Technology, Fashion Technology/Dress Designing, Dress Making after 12th std(10+2) from any recognized University/Board

5(a) P.G. Diploma in Fashion Technology Semester-I Examination

Students who have fulfilled the eligibility criteria as mentioned in Section 4 have been admitted to this course P.G. Diploma in Fashion Technology in Semester I.

(b) The ATKT rules for admission for Course (Theory and Practical as separate passing head) shall be as given in the following Table-1

Admission to Semester	Student should Appear in the Examination	Student should have passed in all the subjects of the following examination of R.T.M. Nagpur University	Student should have passed at least two third of the passing heads of the following examinations
Semester I		As provided in the para 4 of the Direction	-----
Semester II	Sem-I	-----	-----
Semester III	Sem-II	For regular students	Semester I and II taken together

5 (c) The duration of the course leading to the P.G. diploma in Fashion Technology in the Faculty of Science and Technology shall be of III Semester (One and half years). The examination pattern will be as follows.

i) **Semester Examination** : The examinations shall be held twice every year at the places and on the dates prescribed by the university.

ii) **Viva -Voce Examination**-The Viva-Voce shall be held at the end of III semester on completion of Research Project for which external examiner shall be appointed for conduction of Viva -Voce on such date as fixed by the university.

iii) **Internship:-The internship of two week shall be completed after the completion of first year academic session during vacation.** Evaluation of two week internship report will be conducted at the college level.

6. Without prejudice to other provisions of Ordinance no. 6 relating to the

examination in general, provisions of Para 5, 8, 9, 10, 26, 31 and 32 of the said ordinance shall apply to every student admitted to this course.

7. The fees for the tuition, examination, laboratory and other fees shall be as prescribed by the University from time to time.

8. (a) The scope of the subjects shall be as prescribed in the syllabus.

(b) The medium of instruction and examination shall be in English

(c) Examinee shall have option to write answer in English /Marathi/Hindi

9. The number of papers and maximum marks assigned to each paper and minimum marks/grade, an examinee must obtain in order to pass the examination shall be as prescribed in Appendix-I, Appendix-II, Appendix-III appended with this Direction.

10. The examinee at each of the examination shall have option of not being declared successful at the examination in case he/she does not secure a minimum of grade equivalent to 55% marks at the examination. This option will have to be exercised every time the application is submitted to any of the examinations. Once this option is exercised, the option shall be binding on the examinee and it shall not be evoked in under any circumstances.

11. The classification of the examinee successful at the semester and examinations and at the end of final semester examination shall be as per the rules and regulations of credit based semester pattern as prescribed in appendix, appended with this direction.

12. The provisions of Ordinance no. 3 of 2007 for the award of grace marks for passing an examination, securing higher grade in subject(s) as updated from time to time shall apply to the examination under this Direction.

13. The names of the successful examinee passing the examination as a whole in the minimum prescribed period and obtaining prescribed number of places securing the grades equivalent to first and second division shall be arranged in order of merit as provided in ordinance 6 relating to examination in general.

14. The unsuccessful candidate failing in scoring passing marks in sessional/internal assessment shall be allowed to appear for internal/sessional examination and College should send the marks to University before the commencement of subsequent semester examination.

15. No candidate shall be admitted to an examination under this Direction, if he/she has already passed the same examination of this University or of any other University.

16. Examinee successful at the final examination shall on payment of the prescribed fees, will be entitled for the award of the Degree in the prescribed form signed by the Vice-Chancellor.

17. With the issuance of this Direction No 13 of 2019 , the Direction No. 77 of 2016 shall stand repealed.

I, further, direct that the aforesaid Direction shall come into force from the date of issuance and shall remain in force till the relevant Ordinance comes into being, in accordance with the provisions of the Maharashtra Public Universities Act, 2016

Date : 22-4-2019
Nagpur

Sd/
(Dr S.P. Kane)
Vice-Chancellor

Examination leading to Post Graduate Diploma in Fashion Technology
Scheme of Teaching and examination under semester pattern Choice Based

Appendix I-

POST GRADUATE DIPLOMA IN FASHION TECHNOLOGY: SEMESTER-I:

Sr. No.	SUBJECT CODE	Theory/Practical	Teaching Scheme (Hrs/week)			Credits	Examination Scheme					
			Theory	Practical	Total		Exam Duration	Marks Max		Total Marks	Minimum Passing Marks	
								External Marks	Internal Marks		Th	Pr
1	1T1	Core I – Fashion Illustration	4	--	4	4	3	80	20	100	50	--
2	1T2	Core II - Pattern Making	4	--	4	4	3	80	20	100	50	--
3	1T3	Core III- Textile Studies	4	--	4	4	3	80	20	100	50	--
4	1T4	Core IV - History of Fashion	4	--	4	4	3	80	20	100	50	--
5	1P1	Core I Practical - Fashion Illustration	---	8	8	4	6	80	20	100	--	50
6	1P2	Core II Practical - Pattern Making	---	8	8	4	6	80	20	100	--	50
7	1S1	Fashion communication skills (SEMINAR)		2	2	1	--	--	25	25	--	13
	Total		16	18	34	25	--	480	145	625	200	113

Note:

- 1 Minimum passing marks in each head (Theory [External + Internal will be 50 %.**
- 2 Separate passing in Practical [External & Internal] and seminar will be 50 %**

Appendix-II

POST GRADUATE DIPLOMA IN FASHION TECHNOLOGY: SEMESTER-II

Sr.No	SUBJECT CODE	Theory/Practical	Teaching Scheme (Hrs/week)			Credits	Examination Scheme					
			Theory	Practical	Total		Exam Duration	Max Marks		Total Marks	Minimum Passing Marks	
								External Marks	Internal Marks		T	P
1	2T1	Core I – CAD in Fashion	4	--	4	4	3	80	20	100	50	--
2	2T2	Core II - Grading	4	--	4	4	3	80	20	100	50	--
3	2T3	Core III- Weaving & Knitting Technology	4	--	4	4	3	80	20	100	50	--
4	2T4	Core IV –History of World Costume	4	--	4	4	3	80	20	100	50	--
5	2P1	Core I Practical - CAD in Fashion	---	8	8	4	6	80	20	100	--	50
6	2P2	Core II Practical - Grading	---	8	8	4	6	80	20	100	--	50
7	2S1	(Portfolio)Fashion Photography	--	2	2	1	--	--	25	25	---	13
	Total		16	18	34	25	---	480	145	625	200	113

Note:

1. Minimum passing marks in each head (Theory [External + Internal] will be 50 %.
2. Separate passing in Practical [External & Internal] and seminar will be 50 %

Appendix-III

POST GRADUATE DIPLOMA IN FASHION TECHNOLOGY: SEMESTER-III

Sr. No	Subject Code	Theory/Practical	Teaching				Examination Scheme						
			Scheme (Hrs/week)			Credits	Exam Duration	Max Marks		Total Marks	Minimum Passing marks		
			Theory	Practical	Total			External Marks	Internal Marks		T	P	
1	3P1	Internship	---	-		04	-	-	100	100		50	
2	3P2	Research Project Research Project vivavoce	6	10	16	06	- 06	100 + 50	---	150	--	75	
3	3S3	Research Seminar	---	2	2	2	--	--	50	50	---	25	
Total			6	12	18	12	---	150	150	300		150	

Note:

- 1. Minimum passing marks in each head (Theory [External + Internal] will be 50 %.**
- 2. Separate passing in Practical [External & Internal] and seminar will be 50 %.**
- 3. Four weeks Internship is compulsory**

Project Work Scheme
Guidelines for the Students, Supervisors and Examiners

Every student is required to carry out **Project Work** (semester III) on a related research topic of the subject /course. It must be an original work. On the basis of this work, student must submit the Project Report (typed and properly bound) in two copies at least one month prior to commencement of the final Practical Examination of Semester III. The project report shall comprise of Introduction, Review of literature and Methodology, Results ,Discussion, Summary, Conclusions and References along with the declaration by the candidate that the work is original and not submitted to any University or Organization for award of the degree and certificate by the supervisor and forwarded through Head/Course-coordinator/Director of the Department/Centre or the Principal of the College.

The supervisors for the Experimental project work shall be from the following. A person selected by the duly constituted selection committee in the relevant subject and approved by the University, exclusively for P. G. Course.

OR

A person selected by the duly constituted selection committee of the University approved by the University and appointed as a full time regular teacher with Masters Degree at U. G. Level in the relevant subject and having at least 10 years teaching experience.

OR

A person selected by the duly constituted selection committee of the University approved by the University and appointed as a full time regular teacher with Ph. D. Degree at U. G. Level in the relevant subject and having at least 5 years teaching experience.

Appendix-V

General Rules and Regulations

A) Pattern of Question Paper

1. There will be four units in each paper.

2. Question paper will consist of five questions.
3. Four questions will be from four units.
4. Fifth question will be from each of the four units having equal weightage.
5. Maximum marks of each paper will be 100.
6. Each paper will be of 3 hours duration.

B) Absorption scheme for failure students of the Credit Based Semester pattern:

- a) While switching over to semester Based Credit System, the failure students of annual system will be given **Five** chances to clear the examination.
- b) The candidates who have cleared first and second semester of the Credit Based Semester Pattern examination in the concerned subject shall get admission to Third Semester directly. However, candidates who are allowed to keep term will not be eligible for admission to Third Semester of the Credit Based System unless they clear all the papers and practical of first and second semester of the Credit Based System Pattern examination as per the clause (a)

D) Grade Point Average (GPA) and Cumulative Grade Point Average (CGPA)

- 1) On clearing a paper, based on cumulative score (out of 100) in that paper, a student will be given grade point average (GPA) (Maximum of 10 and minimum of 5) for that paper on the following basis.

Score (out of 100)	Grade	Grade Point Average (out of 10)
91 to 100	O: Outstanding	10
81 to 90	A: Very Good	09
71 to 80	B: Good	08
61 to 70	C: Average	07
51 to 60	D: Satisfactory	06
50	E: Pass	05
Below 50	F: Fail	00 or fail

On clearing all the papers in a semester, a student will be allotted a

Semester Grade Point Average (SGPA) for that particular semester. As the pattern given above does not have differential weights for papers, the SGPA of a student for a particular semester will be the average of the GPA's for all the papers.

CGPA	Equivalent class / division
9.00 to 10.00	First class (out standing)
8.00 to 8.99	First class (excellent)
7.5 to 7.99	First class with distinction
6 to 7.49	First class
5 to 5.99	Higher Second class
Below 5.00	Fail

- 3) A student will be allotted a **Cumulative Grade Point Average (CGPA)** after clearing all the three semesters. Again as there is no differential weight system for semesters, the CGPA of a student will be the average of the three SGPA's of that student.

The CGPA can be converted to the usual / conventional divisions in the following way.

- A student failed to score minimum 50% marks in each head of passing and in aggregate shall be given F grade.
 - Student with F grade in a course would be granted credit for that course but not the grade for that course.
 - Grade points earned in each paper shall be calculated as – Grade points obtained (vide above table) x Credits for the paper.
 - The formula for GPA will be based on Average. The final GPA will not be printed unless a student passes courses equivalent to minimum 62 Credits.
- 4) While declaring the result, the existing relevant ordinances are applicable. For verification and revaluation existing rules will be applicable.
- 5) The candidate may take all the examinations as per the provisions of ATKT simultaneously but his/her result of final semester shall not be

declared unless he/she is declared successful at lower examinations.

6) If an examinee failed to pass the Post Graduate programme within five successive years (for Three semesters Degree) from the date of his / her first admission to particular Post Graduate programme he/ she shall be declared as “Not Fit for the Course (NFC)” and he/ she will not be allowed to appear further for any previous examination of the course.

7) The final result of students admitted through lateral admission to semester III shall be based on the result of II, and III semester together

8) The computation of Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA) of an examinee shall be given below:

a. The marks will be given in all examinations which will include the college assessment marks, and the total marks for each Theory/ Practical shall be converted into Grades as per above Table. SGPA shall be calculated based on Grade Points corresponding to Grade as given in above Table and the credits allotted to respective Theory / Practical shown in the scheme for respective semester.

b. SGPA shall be computed for every semester and CGPA shall be computed only in III semester (for Three semester degree). The CGPA of III Sem shall be calculated based on SGPA of all Three semesters as per following computation:

$$SGPA = \frac{C1XG1+C2XG2 + \dots+CNXGN}{C1+C2+ \dots+CN}$$

Where C1 = Credit of individual Theory / Practical

G1 = Corresponding Grade Point obtained in the Respective Theory/ Practical

$$CGPA = \frac{(SGPA) I \times (Cr) I + (SGPA) II \times (Cr) II + (SGPA) III \times (Cr) III}{(Cr) I +(Cr) II +(Cr) III}$$

Where, (SGPA) I = SGPA of I Semester; (Cr) I = Total Credits for I Semester; (SGPA) II = SGPA of II Semester; (Cr) II = Total Credits for II Semester; (SGPA) III = SGPA of III Semester; (Cr) III = Total Credits for III Semester

9. If the examinee failed to pass the post graduate programme within five successive years (for three semesters degree) from the date of his /her first admission to particular post graduate diploma program he/she shall be declared as “ Not Fit for The Course (NFC).

POST GRADUATE DIPLOMA

IN

FASHION TECHNOLOGY

POST GRADUATE DIPLOMA IN FASHION TECHNOLOGY –

SEMESTER I

CORE I-FASHION ILLUSTRATION

1T1

External: 80Marks (Theory)

Internal: 20 Marks

Objectives:

The workable skills, practice and proper guidance will be give to student through different medias and techniques to master and explore the ideas they have visualized. This being the specialized branch of figure drawing the student will be taught to draw according to fashion conventions- elongation, idealization and beautification in a simplified and sketchy manner. To evolve the budding fashion designers of future who will shape the fashion by putting up the ideas they need to communicate on paper.

UNIT I :

- Elements & Principles of design - Line, Shape, Space, Texture and Form, Colour & Characteristics of Colour , Colour Mixtures, Colour Harmonies , Rhythm, Balance, Emphasis Proportion & Harmony.
- Design – Definition – Types of Design: Structural and Decorative .
- Drawing of Garment Details - Collars, Sleeves, Cuffs, Pockets, Neck lines, Skirts , Shirts , Trousers.
- Silhouettes – Shift, A-line, Tent, Yoke, Empire, High waist, Sheath, Low or drop waist, Tunic, Princesses, Blouson, Mermaid, Trumpet, Ballroom, Pegged

UNIT II :

- Drawing of Body Parts - Nose, Ear, Lips, Face, Hands, Arms, Feet, Legs and Hairstyles.
- Female Figures - Normal figure , Eight head, Ten head , Twelve head. Front, Back, $\frac{3}{4}$ th & Profile View.
- Drawing of Fashion Figures Male, Female & Children (Boy & Girl)
- Drawing of S, Z & T Female figures.

UNIT III :

- Illustrating Draping on female Fashion Figure – Swim wear, Gown , A-Line Dress, Coat, Pant & Jacket.
- Technical illustration & Stylized illustrations
- Illustrating Indian & Western costumes on male & female croqui.
- Fashion Arts – Body Art & Pop Art.

UNIT IV:

- Fashion Accessories –Bags , Hats, Foot wear , Eyewear & Jewellery .
- Rendering fashion figures using different medium.
- Planning a Colour story.
- Periodic fashion illustration

Internal marks -will be based on assignments related to four units

References:

1. “Fashion Design” by Janice G. Ellinwood.
2. “Fashion Rendering with Color” by Bina Abling, Fairchild Publication.
3. “Fashion Color Harmony” by Hibeaki, Rockford Publication.
4. “Fashion and color” by Mary Garthe, Rockford Publication.
5. “Fashion Illustration” by Dr.Vijay Kakde, Blue Bird Publication (India) Ltd.
6. Color Harmony 2 by Bride M.Whelan, Rockford Publication.
7. Fashion Source Book by Kathryn Mckelvey, Blackwell Science Publication.
8. Encyclopedia of fashion details by Patrick John Ireland, Batsford Publication.
9. Heads by Nancy Riegelman, Pearson Education Publication.
10. Fashion Sketchbook by Abling, Fairchild Publication.

**POST GRADUATE DIPLOMA IN FASHION TECHNOLOGY -
SEMESTER I**

**Core II-PATTERN MAKING
1T2**

External: 80 Marks(Theory)

Internal: 20 Marks

Objectives:

To introduce students to the world of fashion design through patternmaking, to understand, appreciate and apply the concepts and principles in garment making ,to explain important skill that enable the designer to concert a design sketch into a three dimensional form, inculcate enhahced ability and sensitivity to flat pattern and initialize a design vocabulary an essential tool for practicing as designer.

UNIT I :

- Introduction to pattern making, 2. Methods of pattern designing a) Drafting b) Flat pattern
c) Draping
- Terminology, Apparel product development, cost sheet,

pattern chart, design specification sheet.

- Dart, blending trueing & equalizing, styleline guides, fabric terms, pattern grain line, balance line terms.
- Standard ideal figure, pattern industry standards and standardization of sizes, landmark terms, symbol key HBL.
- Basic dress foundation (front & back of bodice and skirt) sleeve and its terminology.
- Pattern alteration

UNIT II :

- Dart manipulation – definition, methods (slash and spread and pivot method), charting dart locations.
- Elements of fit, principles of fit (ease, grain line set and balance), evaluating fit at shoulders, bust, chest, neckline, armhole sleeves, waistline, hips, crotch/seat, methods of fit, why and how to fit, test fit.
- Layout and its types.
- Importance of notches, balance mark and grain lines.

UNIT III :

- Designing with darts, tucks, pleats, flares and gathers.
- Development of stylelines – classic princess, arm-hole princess and panel in basic bodice.
- Creation of yokes, flanges, pin tucks and pleat tucks in basic bodice.
- Collar – Terminology classification and types basic shirt collar, peterpan, sailor, mandarin, roll.

UNIT IV :

- Process of creation of cowl.
- Skirts – A-line, gathered, gored, pegged, godet.
- Sleeves – cap, puff, bell, leg-o-mutton, magyar, raglan, petal, umbrella.
- Pattern making for bias cut dress and kimono.

Internal marks -will be based on assignments related to four units

REFERENCES

1. Cartis Irving E., 'Fundamentals principles of pattern making for misses and women's garments' New York FIT 1987
2. Handrod Jack ., 'Professional pattern grading for women's, men's and children's apparel', Redondo Beach Struin Pamela , "Pattern drafting for Dress Making" Augustan Delhi 1995
3. Martin M. Shoben and Janet P. Ward, "Pattern cutting and Make for outerwear" Butter worth heinmann Ltd, Oxford 1987

4. Aldrich Winifred "Metric pattern Cutting",Blackwell science ,London,1995
5. Designing Patterns – A Fresh Approach to Pattern Cutting, Hilary CampbellStanley Thornes, UK 1986
6. The Art of Dress Modelling Shape within Shape, Lily Silberberg/MartinShobenUK1998
7. Fitting and Pattern Alteration, Elisabeth G Leichty/Della N Pottberg/Judith A Rashband, Fairchild
8. Principles of Flat Pattern Design (3rd edition) Nora M MacDonald, USA 2001

**POST GRADUATE DIPLOMA IN FASHION TECHNOLOGY -
SEMESTER I
Core III- TEXTILE STUDIES
1T3**

External: 80 Marks(Theory)

Internal : 20 Marks

Objectives :-

Textiles are an integral part of fashion, the knowledge of different processes of production and development of textiles will be imparted with a view to apply it for identification, recommendation and using the most appropriate textile in fashion. Extensive information on indigenous textiles (Printed, Painted & Dyed) of India will become a backbone for creation of innovation in fashion.

UNIT I :

- Classification of fibers -Natural and manmade, their origin and source.
- Properties and uses of natural (vegetable and animal) fibers - cotton, silk, wool, linen,
- Properties and uses of man made fibers.-Rayon, Acetate , Nylon ,polyester acrylic
- Flow chart for production processes of Natural and Man made fibres.

UNIT II :

- Flow chart of Conversion of fiber to yarn with details of process like Mixing ,
- blending,opening, cleaning, carding, combing, drawing, roving, spinning, yarn twisting
- Identification of fibers-Microscopic structure , burning test, chemical test.
- Fiber quality requirement for suitability of fabrics.
- Brief introduction to pre preparatory process for dyeing and printing

UNIT III

- Dyeing – theory of dyeing- classification of colorants – fastness properties of Dyes &
Natural dyes properties
- Application Dyes on suitable material. Dyeing methods – fibre, yarn, hank and
package.Fabric and garment dyeing
- Dyeing defects, causes and remedies
- Dyed- (Ikkat, patola, tie and dye) traditional textiles of India.

UNIT IV :

- Printing – ingredients – styles of printing – direct, discharge and resist. Stencil, block,

flock, batik, transfer, foam, screen, and tie- dye printing.. Types of Printing machines

- Defects in Printed Goods ,their causes and remedies
- Brief history of printed, dyed and painted textiles of India ,
- Printed- (hand block printing-sanganeri) traditional textiles of India. ,Painted-(kalamkari.) & Madhubani traditional textiles of India.

Internal marks -will be based on assignments related to four units

REFERENCES

1. Fibres & Yarns by Meenakshi Rastogi, Sonali Publications, New Delhi
2. World Textiles by John Gillow and Bryan sentence, Thames & Hudson publication.
3. Textile science by J.T. marsh, B.I. publications
4. Textile Science by E.P.G. Gohl, L.D. Vilensky, CBS publishers & distributors
5. Textile, Fibre to Fabrics by Potter M. D., McGraw-Hill, United States of America
6. Fashion & Textile design by Neelima, Sonali publication, New Delhi

POST GRADUATE DIPLOMA IN FASHION TECHNOLOGY - SEMESTER I

Core IV- HISTORY OF FASHION

1T4

External: 80Marks (Theory)

Internal : 20 Marks

Objectives:

To familiarise students with the vocabulary, the concepts and the fashion, theories related to the history of clothing, to trace the development of indigenous clothing from ancient times to its present state, to understand the various influences that acted upon the indigenous clothing and to study the traditional costumes of different states of India.

UNIT I :

- BASICS OF FASHION**
- Origin of Clothing and Factors influencing costume change
- Fashion Terminology, Classification of fashion, , fashion producers
- Style, Design, Taste, Classics, Trend, Fad, Ford, Fashion Look, Accessories,

Fashion Trends, Fashion Season

- The Couturier, Haute Couture, Prêt-À-Porte, Fashion Direction, Fashion Editors, Line, Knockoffs, Avant Grade, Bridge
- Fashion Cycle and fashion flow chart
- Theories and Principles of Fashion-Theories of Fashion Adoption
- Study of fashion principles which concerns the history of fashion, the discrimination of fashion, or the techniques relating to fashion merchandizing.

UNIT II :

History of Indian Costume.

Pre Historic Era

- Vedic Period
- Maurya and Sunga Period
- Satvahana period
- Kushan period

- Gupta period
- Mughal

UNIT III :

History of Western Costumes

- Ancient Egypt
- Ancient Greek
- Ancient Rome
- Byzantine
- Renaissance
- Baroque
- Rococo
- History of fashion from 18th , 19th and 20th century

UNIT IV :

INDIAN FASHION IN 20TH CENTURY

- Indian Fashion during British Raj
Influence of British rule on Indian Fashion
1930's fashion of long flared skirts in the west and its influence in India
Independence movement and its influence in using Khadi
Christian Dior's New Look of Pencil Slim Skirt and its influence in India
- Indian Fashion Post Independence and 50's
- Indian Fashion during 60's and 70's
- Late 1980's and Hi Boom Designer Wear

- **Internal marks -will be based on assignments related to four units**

References:

1. Historic Costumes by Katherine Morris Cester, Prentice Hall 2000.
2. Fashion from concept to Consumer by FringeG.S, Prentice Hall1998
3. The costume & textiles India by Jamila Brij bhu Shan, Prentice Hall 2000.
4. Traditional Indian textiles by Fillow J and Bernard N, Thomas and Hudson,1993
5. Fashion: A cultural history by Stede v. Berg Paris, 2nd edition 1998
6. Historical Fashion in detail the 17th & 18th centuries 1998 ian costumes
7. History of Fashion by Manmeet Sodhia Kalyani Publishers
8. Traditional Indian Textiles by Parul B. Abhishek Publications
9. Insiders Guide to South India by Brian Bell APA Publications
10. A celebration of style by Sharada Dwivedi AJSK Publications
11. Colourful Textiles of Rajasthan by Gulab Kothari Jaipur Printers

**POST GRADUATE DIPLOMA IN FASHION TECHNOLOGY
SEMESTER I**

**CORE I PRACTICAL-FASHION ILLUSTRATION
1P1**

External: 80Marks (Practical)

Internal: 20 Marks

Duration : 6 hrs.

CONTENT-

- Preparing a portfolio of drawing , sketching , illustrating depicting , colouring, painting , and rendering the following suitably on A3 size sheets:-
- Basic drawing exercises on elements and principles of design.Structural and Decorative Designs one each. Difference between technical and stylized illustration
- S, Z, and T shape female figures.

1. Fabric drapes and rendering-

- Rendering different fabrics to study their fall, fold, drape etc.
- Woven, knits & non woven
- Print & plain.
-

2. Clothing composition on figure-

- Combining various garment details like silhouettes, lengths, drapes, folds, motion & shadows etc. for various Fabrics detailing and understanding the way fabric falls onto body.

3. Flat sketches-

- Line drawing of different garments in 2D forms such as skirts, pants, blouses, shirts, dresses, jackets and sportswear.

4. Accessory rendering (any 6 accessories)-

- Drawing & rendering any 6 accessories in fashion used by Men & Women. Such as, Glares, Belts, Bags, Stoles, Jewellery and Foot wear.

5. Clothing categories-

- Drawing & Rendering various clothing categories including their specifications with color, fall, fit, fabric, and proportion.
Such as, Casual wear, formal wear, ethnic wear, beach wear, lounge wear, functional wear (uniforms etc.)

ASSIGNMENTS-

1) Study and rendering of different types of fabric like prints, stripes, Checks, fur, leather, animal skin, velvet, silk, wool, embroidered fabric etc.

- Students will render 1 or 2 samples on paper for each type of fabric specified above.

2) Draping and drawing the garment on the fashion figure with all the details of body as well as garment details.

- Students will render 10 fashion figure which will include figure as well

as garment details.

3) Drawing technical flat sketches in 2D for easier understanding of the garment details.

- Students will draw 20 flat sketches specifying front and back.

4) Drawing and rendering fashion accessories like Glares, belts, bags, stoles, Jewellery, foot wear etc.

- Students will draw total 10 numbers of different Fashion Accessories.

5) Creating a Clothing Category by rendering any one garment from each category and combining with suitable accessories.

- Students will sketch and render one garment with all the details from each category of clothing.

**POST GRADUATE DIPLOMA IN FASHION TECHNOLOGY -
SEMESTER I**

**Core II Practical-Pattern
Making 1P2**

**External: 80Marks
(Practical) Internal: 20
Marks**

Duration : 6 hrs.

Flat pattern making, shell fit and test fit of the following :

- Bodice front and back
- Skirt front and back
- Sleeve

Preparation of patterns (paper and muslin) of dart manipulation in one dart and two dart series by slash and spread and pivot method, checking the grain and fit of the pattern for the following darts

One dart series

- Waist dart to shoulder dart
- Shoulder dart to waist dart
- Shoulder dart to side seam dart
- Waist dart to centre front dart
- Waist dart to arm scye dart
- Shoulder dart to neck dart

Two dart series

- Waist dart to side seam dart
- Shoulder dart to neck dart
- Waist dart to neck dart

- Waist dart to shoulder tip dart
- Shoulder dart to French dart

Developing following garment patterns in fabric with given specifications

- Style line top/blouse with one variation of collar and sleeve.
- Bias cut dress with cowl.
- Knee length strapless foundation
- Cocktail dress

PORTFOLIO DETAILS:

- 1) Draped Basic Bodice Block- Front And Back
- 2) Draped bodice block with Dart Manipulation
- 3) Draped patterns with Neckline and Armhole variations
- 4) Draped Single Dart, Double Dart skirt
- 5) Draped Flared ,Gathered Skirt and Skirt With Yoke

Practical Exam- Total 80 marks

Portfolio in A3 size and 5 garments -30 marks Internal assesment

Draping marking cutting stitching finishing embellishment of Cocktail dress-50 marks

**POST GRADUATE DIPLOMA IN FASHION TECHNOLOGY -
SEMESTER I
FASHION COMMUNICATION SKILL
SEMINAR
1S1**

Internal : 25 Marks

Objectives –

To enable the students understand the fashion language & skills of communication for visualization of garment

Module –I

- Fashion & the communication process
- Meaning of fashion
- Communication of process
- The theories of fashion adaptation
- Need for promotion of fashion
- Need for the communication process

Module -II

- Communication Fashion communication- essentials of communication, objectives, barriers and purpose of effective communication.
- Types of communication- oral; written; gesture, needs and functions.
- Business letter-layout and importance along with drafting.
- Media and public relation in fashion communication.

Module -III

- Types of written communication
- Creative writing in fashion media
- Advertising Promotion of fashion communication
- Reporting events
- Scripting shows
- Critics of fashion

Module- IV

- Fashion presentation skills- importance of phonetics, interview, techniques, fashion dialogues, group discussions.
- Styling, body language and self presentation skill
- Basic French and Italian Language studies:, students would be taught basics of these languages aiding them understanding and speaking fashion its terms effectively.
- Fashion campaign ,brochure design, cover story, theme pavilion at fairs,Exhibition
- Public relation communication effectiveness, formal and informal communication ability, inter personal skills and rapport,
- Common fashion terminologies across the world.

Oral presentations

Using their colleagues as an audience, participants practice making presentations to small workplace meetings. Both this work and interview practice is videotaped and critiqued. Topics include summaries or commentaries on the news of the day and five minute talks on their career

experience.

Fashion Dictionary

It would contain Different areas fashion. – Silhouettes, Colors, Textiles(both knits and wovens), trimmings accessories.

References-

- 1.Sharma-Business correspondence &report writing .
- 2.Prasad-group discussion & interview(With audio cassettes), Sashi Kumar-spoken English (with cassette),
- 3.W.R.Miler, "Basic Industrial Arts, Plastics, Graphic Arts, Powermechanics, Photography, McKnight Publishing Co., Illinios,1978
- 4.John Hedge, "Photography Course", John Hedge c1992.
- 5.Matthukutty M. Monippally "Business Communication" Macmillan Publishing Co. 1999
- 6.Houp, Kenneth.W & Thomas E.Pearsall ,"Reporting Technical Information"., Macmillan Publishing Company, Inc

POST GRADUATE DIPLOMA

IN

FASHION TECHNOLOGY

SEMESTER- II

POST GRADUATE DIPLOMA IN FASHION TECHNOLOGY - SEMESTER II

Core I-CAD IN FASHION 2T1

**External: 80Marks
(Theory) Internal: 20
Marks**

Objectives

In today's world of industrialization and globalization, the students will be exposed to the contemporary digital technology by use of software like photo shop, Adobe illustrator, Corel draw and Marvellous designer, in terms widen the scope of fashion industry to an un-imaginable extent through just "a click of a button". After practicing the various commands and tools of the software the students will be able to express the fashion ideas to the masses in a more simplified and systematic manner.

UNIT I :

- Introduction to photoshop – Defination of Layer, Colour Modes, RGB Colourmodel , CMYK Colour model , Pixles , Vector, Resolution, Main menu Bar.
- Basic Platforms and Tools- Selecting tools, Brush Tool, Advance tooling, Drawing with the pen tool. Application of Tools Layers, Rasterizing the layer.
- Working with Layer Styles- Layer style parameters, Image Editing Special effects
- File Formats- Saving the file in PSD , JPEG, EPS or DCS format , Exporting images.

UNIT II :

- Introduction Corel DRAW- Main menu Bar
- Tools of Corel DRAW- Text & line , Shapes and objects , Curves
- Special Effects , Color and Bitmaps , Tables ,
- Application of the tools for creating fashion figures in 6 different poses .

UNIT III :

- Adobe illustrator- Getting to know & Working in Illustrator
- Using drawing tools , Selection and Curves , Handling text, Transformations in illustrator.
- Working with lines & Brushes ,Colours, Compound paths , Masks.
- Using styles , Effects , Filters & Keyboard Shortcuts.

UNIT IV :

- Marvellous Designer – Introduction main menu bar with tools .
- Development of croqui, Creating garments for the developed croqui , Draping the croqui.
- Accessorizing the croqui , Creating suitable background, Stage designing
- Display action of croqui on the stage and ramp walk.

Internal marks -will be based on assignments related to four units

References-

- 1.Learning Illustrator CS5 by Ramesh Bangia, Khanna Book publication company (P), Ltd. Delhi
- 2.Practical Photoshop by Ramhari Kolte, Paynoram Arts
- 3.Photoshop CS3 by Rajendra Mantri, Anubhav Publications
- 4.Learning Coreldraw X5 by Ramesh Bangia, Khanna Book Publishing

POST GRADUATE DIPLOMA IN FASHION TECHNOLOGY - SEMESTER II**CORE II-GRADING
2T2**

External: 80 Marks(Theory)

Internal: 20 Marks

Objectives

To gain knowledge of different grading techniques and their application on different apparel. To understand the sizing system and their use in readymade garment industry. To gain knowledge and skills of presenting and promoting a garment based on fashion reading. To apply knowledge of Pattern Grading while working in readymade garment industry.

UNIT I :**Pattern Grading.**

- Concept, Importance and Principles of Pattern Grading.
- Grading Terminology-Cardinal Points, zero point, Balance, two dimensional. Three dimensional and suppression grading.
- Basic Size Charts – Studying size charts, identify growth areas, size increments and their application for grading.
- Grading Techniques - The draft or multisize or Nested grade , The track or single grade

UNIT II

- Selection and application of grading technique for different garment depending on their fit.
- Application of grading techniques for basic drafts of the following:
- Children's Basic Blocks – Bodice, sleeve.
- Women's Basic Blocks – Bodice sleeve, skirt.
- Men's Basic Blocks – Bodice, sleeve, trousers, collar.
- Computer Grading :Basic pattern, Production pattern, Marker maker, Pattern grader.
- Difference between Manual grading and computerized grading.

UNIT III :

Fashion Reading

- Fashion reading with sketch, pattern name, sex, size range, dimension of grading, pattern pieces, width of the fabric, specific details accessory used, cost of garment and recommended fabrics.

□ Developing a graded pattern by adopting basic block with variation in garment selected.

□ Lay marking for different fabrics for the evolved garment:

Textured fabric – Satin, Velvet, and Far, Turkish, Silk and any one fabric in trend.

&

Printed fabric – Dots, stripers, plaids, checks floral, geometric, border, figure, unidirectional and multidirectional.

UNIT IV :

Commercial pattern envelope.

- Envelope front- Illustration of front and profile view of the garment with pattern name and pattern number.
- Construction guide sheet – stepwise procedure for joining the pattern pieces in order to assemble a garment, explanation of pattern markings (recommendation for suitable fabric, lining, interlining, interfacing, notions(fasteners & threads) decoration style and material.
- Envelope back – Illustration of back view of the garments, yardage chart and size chart.
- Graded pattern sheet – pattern number, pattern pieces, size range, cut number, grain line, seam line, notches, darts, tucks, pleats, pockets, yokes, belts, plackets and openings etc.

References-

- 1) Martin Shoben/Janet P Ward, Pattern Cutting and Making up.
- 2) Winifred Aldrid, UK 1996 Fabric, Form and Pattern Cutting
- 3) Lily Silberberg/Martin Shoben, 1998,The Art of Dress Modelling (Video
- 4) Pattern Cutting Level for Beginners Don Clarke published 1995 (Video
- 5) Fashion Design on the Stand, Dawn Cloake, UK 1996
- 6) The Art of Fashion Draping, Connie Amaden-Crawford Fairchild Publication.
- 7) Metric Pattern Cutting for children wear/women's wevr/Menwear – Winifred Aldrich, Black well Science, Om Book Services, New Delhi.

POST GRADUATE DIPLOMA IN FASHION TECHNOLOGY - SEMESTER II

CORE III- WEAVING & KNITTING TECHNOLOGY 2T3

External: 80 Marks(Theory)

Internal: 20 Marks

Objectives

The textile technology in the textile industry is changing fast, old machines are replaced with new ones, with the advent and inclusion of electronic systems and computer technology, this transformation is even more rapid just as fashion-fashion is incomplete without textiles, knitted textile are the latest craze in fashion clothing among the masses, to fulfill the needs and demands

of the fashion industry this subject has been included. Woven and knitted textiles technology given in the contents will impart students an understanding of the construction and properties of different (woven and knitted) textiles and their use within contemporary fashion.

UNIT I :

- Flow chart for processes of conversion of yarn into fabric, i.e., weaving, knitting, non-woven. Identification of fabric samples (warp and weft direction)
- Different types of Fundamental weaves/ weaving designs – plain, satin, sateen, twill, basket, ribbed
- Elementary idea of the use of Dobby , Jacquard for derivatives of fundamental weave designs
. Essential properties of fabric
- Comparative studies of the woven and knitted fabrics construction and advantages of each.

UNIT II :

- Properties and uses of each of the weaves. , Study of normal defects in fabric and role of Quality control.
- Elementary idea of machinery used in woven, knitted and non woven fabrics.
- Non - woven - classification, punching the web, finishing.
Characteristics of non woven fabrics
- Uses of non- wovens. Elementary idea of Decorative fabric, Decorative fabric construction-braiding, netting, lace.

UNIT III :

- Knitted garments-introduction , Difference between woven and knitted structures
- Classification of knitted garments ,Weft knitted fabrics- plain, rib, purl, etc.
- Warp knitted fabrics- tricot, kitten raschel , crochet, Milanese knit, simplex
- Other knitted constructions- jacquard, pile, fleece, high pile, terry knit, velour knit.

UNIT IV :

- Fully cut knitted garments- knit type, uses , Fully fashioned knitted garments- knit type, uses
- Integral knitted garments- knit types, uses , Cut stitch shaped knitted garments - knit type, uses,
- Seam and stitches used in knitting , Machinery used for knitted garments-
- Quality control , Defects in knitted fabric

Internal marks -will be based on assignments related to four units

Reference:

1. Knitting Technology by KVP Singh Kalyani Publishers
2. Textiles- fiber to fabric by Bernard P. Corbman (McGraw- Hills)
3. Fabric Studies by KVP Singh (Kalyani Publishers)
4. Knitting Technology by Prof. D.B. Ajgaonkar, Universal publishing Corporation, Bombay
5. Weaving with the Rigid Needle Loom, Anne Field, 1980
6. Weaving Mechanism by Prof. N. N. Banerjee, Smt. T. Banerjee & Shri Apurba Banerjee, "Textile Book House".
7. Knitted Clothing Technology, Terry Brackenbury, Blackwell science, OM Book Service
8. Overshoot Weaving by Ellen Lewis Seltzman, Van Nostrand Reinhold Company, New York

POST GRADUATE DIPLOMA IN FASHION TECHNOLOGY -SEMESTER II

CORE IV-HISTORY OF WORLD COSTUME 2T4

**External: 80
Marks(Theory)
Internal: 20 Marks**

Objectives

To increase the student's understanding and appreciation of the Western World clothing from the ancient times to the modern and also to recognize the figure emphasis and silhouettes that developed within the chronology of each historical period and also to understand the traditional modes of clothing in Asian civilizations, with emphasis on certain communities.

UNIT I :

Ancient era costume

- Mesopotamian Costumes
- Egyptian Costumes
- Greek Costumes
- Roman Costumes

UNIT II :

Middle ages costume

- Byzantine Costume
- Age of Knights Costume
- Renaissance Period Costume
- Costume of Asia and Africa

UNIT III :

Modern era costumes

- Victorian Costume
- Edwardian Costume
- American Costume 18th-20th Century
- 20th Century Costumes and influences

UNIT IV :

Traditional costumes of asian countries

- Japanese and Chinese Costumes (emphasis on Geisha and Samurai Costume)
- Thai and Malaysian Costumes
- Costumes of Pakistan
- Costume of Sri Lanka

Internal marks -will be based on assignments related to four units

References:

- 1) Katherine Morris Cester," Historic Costumes", Prentice Hall 2000.
- 2) Stede v. Berg"Paris fashion:a cultural history"2nd edition 1998
- 3) Hart A north S V & A Museum" Historical Fashion in detail the 17th & 18th centuries" 1998 ian costume
- 4) History of Fashion by Manmeet Sodhia Kalyani Publishers
- 5) Ander son B. and Anderson C"costume design",Harcourt Brace 2nd Ed.,1999

POST GRADUATE DIPLOMA IN FASHION TECHNOLOGY - SEMESTER II

**CORE I (Practical)- CAD IN FASHION
2P1**

External : 80 Marks(Practical)

Internal : 20 Marks

Duration : 6 hours

- Design any five fashion accessories using adobe photo shop.
- Image editing of any one photograph using effects and filters in adobe photo shop.
- Create a garment design using basic platforms tools of adobe photo shop.
- Create a letter head , visiting card & envelope, with logo for an owner of a garment industry using corel draw .
- Design a CD cover and brochure for a fashion design institute in corel draw.
- Design a cover page for fashion magazine using corel draw .
- Using pen tool of corel draw create six different poses of fashion figures.
- Create a theme based poster banner, hoarding, invitation card, in Adobe illustrator.
- Compose a design suitable for T-Shirt in digital printing.
- Creating and presenting a theme based fashion show with minimum eight garments using marvelous designer
- Introduction to related software

- Internet search (Images, video clips, Designers fashion shows, fashion links)
- Software tool introduction
- Flashed croquie
- Fabric & print development
- Make a sample of Swatch
- Color board using Panton colors
- Portfolio used by fashion CAD
- Introduction to Grading
- Tools of grading
- Make a sample of grading (Enlarge & reduce in sizes)
- Computers in garment industry
- Basics of computers & dedicated computers system CAD/e-fashion

POST GRADUATE DIPLOMA IN FASHION TECHNOLOGY SEMESTER II

Core II PRACTICAL- GRADING 2P2

External : 80 Marks(Practical)

Internal : 20 Marks

Duration : 6 hours

Computer Grading

- Preparation of basic pattern and its grading using a software.
- Application of computer grading on any one fashion garments of the following :
 - Children's wear
 - Women's wear
 - Men's wear

Grading Portfolio

- Application of grading by nested technique.
 - Basic bodice block
 - Basic sleeve block
 - Basic skirt block
 - Basic trouser block
- Application of grading by track/single technique.
 - Basic bodice block
 - Variations of sleeves - any two
 - Variations of collars - any two
 - Variations of skirts - any two
- Portfolio of fashion reading of two garments each in women's wear, children's wear and men's wear.
- Preparation of any one commercial pattern for pattern envelop with all the details.

**POST GRADUATE DIPLOMA IN FASHION TECHNOLOGY -
SEMESTER II
FASHION PHOTOGRAPHY (Portfolio)**

Internal : 25 Marks

2S1

OBJECTIVES

To orient students to the photographic techniques and garment styling Students will give presentation related to fashion photography during seminar They will make Portfolio related to Fashion photography

Module I

PHOTOGRAPHY

- Introduction to fashion photography-The role of the fashion photographer Expressing yourself as a fashion photographer
- Applying the principles of photography
- Utilizing color

Module II

STYLING

- Portraiture- The difference between studio and on-location portrait photography How lighting affects a portrait-What kind of gear you need to shoot portraits

How to interact with your clients- How to handle fidgety children during a session
How to lay out your studio
- Significance of styling-Developing a style-Shooting fashion shows - Techniques in fashion photography- Marketing and branding yourself-Sourcing contacts Photographing models in the studio
- Texture and form

Module III

ELEMENTS OF PHOTOGRAPHY

- Lighting techniques-The different types of lighting-The reflection of light-Outdoor lighting – sunlight-Recommended equipment for outdoor lighting-

Introduction to indoor lighting- Photographing indoors – the technical issues

- Capture fashion
- Creating mood

Module IV

SHOOTING MODEL PORTFOLIOS

- Preparation of a portfolio with 4 shoots based on theme- Hair and makeup - clothing-lighting- angle- post processing- final effect,
- **RELATED EXPERIENCE-** Shoot a portfolio based on an appropriate theme with at least 5 photographs.

POST GRADUATE DIPLOMA

IN

FASHION TECHNOLOGY

SEMESTER III

POST GRADUATE DIPLOMA IN FASHION TECHNOLOGY

SEMESTER III INTERNSHIP 3P1

**Marks :
100**

- Three month internship in the Garment Industry, EOU textile mill , textile and garment printing unit, cottage industry, boutique, studio or production unit of a fashion designer, a retail outlet for garment or a brand of a garment or a brand of a garment and embroidery unit.
- The organization can be government, Semi government, Government Limited, public sector or a private firm.
- Detailed report of the internship along with organizations working nature, different departments its personnel , job undertaken, reference, observation, precaution, the products being manufactured, marketing, raw material and clients etc.
- The report should also include the work done by the student during her internship with special emphasis on skills learnt during the period
- The report should be accompanied with photographs and a certificate from the head of the organization.

POST GRADUATE DIPLOMA IN FASHION TECHNOLOGY - SEMESTER III RESEARCH PROJECT 3P2

External : 150 Marks(Project 100 + viva 50)

The Research Project will be made and presented with the following outline. Chapter 1 – Introduction(Aims, Objectives, Need & Scope of the study) Chapter 2 – Review of Literature

Chapter 3 – Methodology

- Inspiration Board
- Mood Board
- Client board

Design Development Process – Garment – 1,2,3 & 4

- Illustration Sheet

- Selected design (colour illustration with details)
- Garment Flats
- Swatch Board

- Garment details
- Cost Sheet
- Story Board
- Photograph
- Embellishment Board

Chapter 4 – Result and discussion with Interpretation
References & Webliography

**POST GRADUATE DIPLOMA IN FASHION TECHNOLOGY -
SEMESTER III
Research Seminar
3S3**

Internal : 50

The student will give seminar on current researches related to different areas of Fashion.

The students are expected to research and find suitable topics for the seminar. These will be presented to and approved by the department faculty. Only token guidance will be provided to the students to ensure that it remains primarily each student's own piece of work. The selection of topics must be guided by current trends in theory, research and application of appropriate design and technology. The student will be expected to collect the material, analyze and organize the information and present a critical review of the topic before the faculty for evaluation. The presentations will be followed by discussions. Subsequent to this, the student is expected to submit a final report on the seminar topic along with references.