

**ORDINANCES, STRUCTURE, SCHEME AND SYLLABI
FOR
M.SC FASHION DESIGN AND TECHNOLOGY PART-I
(Semester I & II)
FOR
2016-17 & 2017-18 SESSIONS
UNDER CREDIT BASED SYSTEM
OF
UNIVERSITY GRANTS COMMISSION**



**DEPARTMENT OF FASHION DESIGNING AND HOME SCIENCE
GENERAL SHIVDEV SINGH DIWAN GURBACHAN SINGH**

KHALSA COLLEGE PATIALA

**An Autonomous College
NAAC Accredited 'A' Grade
College with Potential for Excellence Status by UGC
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Preamble:

General Shivdev Singh Diwan Gurbachan Singh Khalsa College Patiala, accredited 'A' grade by NAAC (2015), recognized as "College with Potential for Excellence" status by UGC, New Delhi (2016) and an Autonomous College (2016), is a premier institute of higher education in the state of Punjab since 1960. Being concordant with the need to the creation of a self-sustaining, global knowledge society, the college has undertaken several measures initiated by UGC to bring equity, efficiency and excellence in the Higher Education System of the country.

The important measures taken to enhance academic standards and quality in higher education include innovation and improvements in curriculum, teaching-learning process, examination and evaluation systems, besides governance and other matters.

The UGC has formulated various regulations and guidelines from time to time to improve the higher education system and maintain minimum standards and quality across the Higher Educational Institutions (HEIs) in India. The academic reforms recommended by the UGC in the recent past have led to overall improvement in the higher education system. However, due to lot of diversity in the system of higher education, there are multiple approaches followed by Higher Educational Institutions towards examination, evaluation and grading system. While the HEIs must have the flexibility and freedom in designing the examination and evaluation methods that best fits the curriculum, syllabi and teaching-learning methods, there is a need to devise a sensible system for awarding the grades based on the performance of students. Presently, the performance of the students is reported using the conventional system of marks secured in the examinations or grades or both. The conversion from marks to letter grades and the letter grades used vary widely across the HEIs in the country. This creates difficulty for the academia and the employers to understand and infer the performance of the students graduating from different universities and colleges based on grades.

The grading system is considered to be better than the conventional marks system and hence it has been followed in the top institutions in India and abroad. So, it is desirable to introduce uniform grading system. This will facilitate student mobility across institutions within and across countries and also enable potential employers to assess the performance of students. To bring in the desired uniformity in grading system and method for computing the cumulative grade point average (CGPA) based on the performance of students in the examinations.

DEFINITIONS

- a. Academic Year:** Two consecutive (one odd + one even) semesters constitute one academic year.
- b. Course:** Usually referred to, as 'papers' is a component of a programme. All courses need not carry the same weight. The courses should define learning objectives and learning outcomes. A course may be designed to comprise lectures/tutorials/laboratory work/field work/outreach activities/ project work/vocational training/viva/seminars/term papers /assignments/ presentations/self study etc. or a combination of some of these.

- c. Credit Based Semester System (CBSS):** Under the CBSS, the requirement for awarding a degree or diploma or certificate is prescribed in terms of number of credits to be completed by the students.
- d. Credit Point (CP):** The numerical value obtained by multiplying the grade point (GP) by the no. of credit(C) of the respective course i.e. $CP = GP \times C$.
- e. Credit(C):** A unit by which the course work is measured. It determines the number of hours of instructions required per week. One credit is equivalent to one hour of teaching (lecture or tutorial) or two hours of practical work/field work per week, i.e. a course with assigned L-T-P: 3-0-2 or 3-1-0 will be equivalent to 4 credits weight-age course.
- f. Cumulative Grade Point Average (CGPA):** It is a measure of overall cumulative performance of a student over all semesters. The CGPA is the ratio of total credit points secured by a student in various courses in all semesters and the sum of the total credits of all courses in all the semesters. It is expressed up to two decimal places.
- g. Grade Point (GP):** It is a numerical weight allotted to each letter grade on a 10 point scale.
- h. Letter Grade:** It is an index of the performance of students in a said course. Grades are denoted by letters O, A+, A, B+, B, C, P and F.
- i. Programme:** An educational programme leading to award of a degree, diploma or certificate.
- j. Semester Grade point Average (SGPA):** It is a measure of performance of work done in a semester. It is ratio of total credit points (CPs) secured by a student in various courses registered in a semester and the total course credits taken during that semester. It shall be expressed upto two decimal places.
- k. Semester:** Each semester will consist of 15-18 weeks of academic work equivalent to 90 actual teaching days. The odd semester may be scheduled from July to December and even semester from January to June.
- l. Transcript or Grade Card (GC) or Certificate:** Based on the grades earned, a grade certificate shall be issued to all the registered students after every semester. The grade certificate will display the course details (code, title, no. of credits, grades secured) along with SGPA of that semester and CGPA earned till date semester.
- m. Semester Examinations:** The comprehensive examinations conducted for summative evaluation of course. The duration of these examinations shall be 3 and 4 hours for theory and practical courses respectively; and the weight shall be as per the ordinance of relevant programme.
- n. L-T-P:** The prescribed hours/week during a semester for Lecture-Tutorial-Practical to a particular course, in accordance with curriculum prescriptions based on respective nature.

ORDINANCES FOR M.Sc (Fashion Design and Technology)

Applicability of Ordinances for the time being in force.

Notwithstanding the integrated nature of a course spread over more than one academic year, the Ordinances in force at the time a student joins a course shall hold good only for the examination held during or at the end of the academic year. Nothing in these Ordinances shall be deemed to debar the College from amending the ordinances subsequently and the amended ordinances, if any, shall apply to all the students whether old or new.

1. M.Sc (Fashion Design and Technology) is an integrated course comprising two parts spread over two years. Each part will consist of two semesters. The course of study of M.Sc (Fashion Design and Technology) shall be divided in four semesters and the final examination will be held at the end of every semester in the months of November/December (for semester I & III) and April/May (for semester II & IV) or as fixed by the College.
2. The examination in M.Sc (Fashion Design and Technology) Part-I shall be open to a student who produces the following certificates to the Principal of the college.
 - (i) of having passed at least graduation from any stream with at least 50% marks or any other examination recognized as equivalent.

Note: Candidate placed under reappear in one or more subjects in graduation from a recognized university or equivalent thereto shall not be eligible for admission to M.Sc (Fashion Design and Technology) Part-I Course.

- (ii) of having remained on the rolls of a college admitted to the privileges of the University for the academic year preceding the examinations.
- (iii) of having good character.

2.1 To qualify for admission to 3rd semester of the course, the candidate must have passed 50% of total papers of the two semesters of the 1st year. In case, the result of 2nd semester is not declared at the time of admission to 3rd semester, the student may be admitted provisionally and will be allowed to take examination in 3rd semester if he/she has passed in 50% of the total papers of first year (i.e. 1st and 2nd semester). A candidate must complete and pass the whole course of two years within a maximum of four years from the date of admission in M.Sc. (Fashion Design and Technology) First semester. If the candidate does not clear the lower examination within stipulated period, the higher result of the candidate will stand automatically cancelled.

3. Semester examinations will be open to regular candidates who have been on the rolls of the college and meet the attendance and other requirements as prescribed in the ordinances of the course.

4. Examination Rules

4.1 Paper Setting/Evaluation will be done by an External Examiner or as decided by the Examination Cell.

4.2 The supplementary examination will be held along with the routine End Semester Tests. The supplementary paper would be from the syllabi prescribed for that session in which the candidate is appearing. The student can appear only in the theory paper on the payment of the required fee. The candidate will have two attempts to clear the Supplementary Examination, marks of practical and internal assessment will be carry forward as original.

4.3 Re-evaluation of answer sheet in two subjects is allowed after paying the requisite fee. The application for Re-evaluation should be submitted within 15 days of the declaration of the results. In case there is a difference of more than 10 % between the marking of the First evaluator and the Second evaluator, then the paper would be sent to a Third Evaluator. The mean of the marks of the Second and Third evaluators is then considered as the final marks. The re-evaluated marks will be considered final irrespective of the increase or decrease in marks.

4.4 The students who have reappear in the IIIrd semester only Two Year Degree Course at the Postgraduate Level will be allowed to appear in their Reappear examination along with the Final Semester Examinations of the course.

4.5 The Principal can provide Golden Chance (with special chance fee) to students who have been unable to clear their exams even after two attempts.

4.6 IMPROVEMENT EXAMINATIONS:

- I.** A student who has been declared 'pass' in the Postgraduate course he/she was admitted to, may apply for improvement examination within a year from the declaration of the result of the final semester and he/she can take maximum of 50% of the total papers for that course for improvement.
- II.** A student shall have to appear in End semester examination of the paper chosen for improvement along with the regular students. No special exam shall be held for him/her.
- III.** If a student fails to improve upon the original marks obtained in the paper chosen for improvement, his/her original marks shall be retained and he/she shall not get a second chance for improvement.
- IV.** Improvement examination in practical paper shall not be allowed.
- V.** A student taking improvement examination shall have to pay a fee decided by the college.

4.7 Grading System:

The grades and their description, along with equivalent numerical grade points are listed in the Grading Assignment Table as follows:

Grade Assignment Table

Range of Marks	Description	Grade	Grade Point
85-100	Outstanding	O	10
75-84	Excellent	A+	9
65-74	Very Good	A	8
55-64	Good	B+	7
50-54	Above Average	B	6
45-49	Average	C	5
35-44	Pass	P	4
0-34	Fail	F	0
Otherwise	Absent/Detained	Ab./D	0

- a. A student obtaining Grade F shall be considered failed and will be required to reappear in the examination.
- b. For non credit courses **'Satisfactory' or 'Unsatisfactory'** shall be indicated instead of the letter grade and this will not be counted for the computation of SGPA/CGPA.

4.8 Computation of SGPA and CGPA

The UGC recommends the following procedure to compute the Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA):

- a. The SGPA is the ratio of sum of the product of the number of credits with the grade points scored by a student in all the courses taken by a student and the sum of the number of credits of all the courses undergone by a student, i.e.

$$\text{SGPA (Si)} = \frac{\sum(\text{Earned Credits } C_i \times \text{Grade Point } G_i)}{\sum \text{Earned Credits } C_i};$$

Where C_i is the number of credits of the i th course and G_i is the Grade Point Scored by the student in the i th course.

- b. The CGPA is also calculated in the same manner taking into account all the courses undergone by a student over all the semesters of a programme, i.e.

$$\text{CGPA (Ci)} = \frac{\sum(\text{Earned Credits } C_i \times \text{SGPA } S_i)}{\sum C_i};$$

Where S_i is the SGPA of the i th semesters and C_i is the total number of credits in that semester.

- c. The SGPA and CGPA shall be rounded off to 2 decimal points and reported in the transcripts.

Illustration of the computation of SGPA and CGPA and Format for Transcripts

i. Computation of SGPA and CGPA

Illustration for SGPA

Course	Credits	Grade Letter	Grade Point	Credit Point (Credit x Grade)
Course 1	3	A	8	3 X 8 = 24
Course 2	4	B+	7	4 X 7 = 28
Course 3	3	B	6	3 X 6 = 18
Course 4	3	O	10	3 X 10 = 30
Course 5	3	C	5	3 X 5 = 15
Course 6	4	B	6	4 X 6 = 24
	20			139

Thus, **SGPA = 139/20 = 6.95**

Illustration for CGPA

Semester 1	Semester 2	Semester 3	Semester 4
Credit : 20 SGPA : 6.9	Credit : 22 SGPA : 7.8	Credit : 25 SGPA : 5.6	Credit : 26 SGPA : 6.0
Semester 5	Semester 6		
Credit : 26 SGPA : 6.3	Credit : 25 SGPA : 8.0		

Thus, **CGPA = $\frac{20 \times 6.9 + 22 \times 7.8 + 25 \times 5.6 + 26 \times 6.0 + 26 \times 6.3 + 25 \times 8.0}{144} = 6.73$**

ii. Transcripts (Format):

Based on the above recommendations on Letter grades, grade points, SGPA and CGPA, the College may issue the transcript for each semester and a consolidated transcript indicating the performance in all semesters.

4.9 Division and Position:

Division shall be awarded in the following manner, to the candidates on the basis of their respective CGPA:

CGPA 7.5 or more	1st	Division with Distinction
CGPA 6.0 or more but	1st	Division
CGPA 5.0 or more but	2nd	Division
CGPA 3.5 or more but	3rd	Division
Otherwise	Fail	

However, First, Second or Third position shall be awarded to the candidates, provided they meet the following conditions:

- a) Rank shall be solely decided on the final CGPA, on completion of degree credit requirement.
- b) The candidate has completed all the prescribed requirements, in the prescribed programme duration.
- c) The candidate has passed / secured valid grades in all the prescribed courses, in the first attempt.
- d) No disciplinary action is pending or has ever been lodged against him/her.
- e) In case of an exceptional tie, both candidates shall be awarded the same rank.

4.10 Grade Card:

At the end of each semester, a student will be given a 'Grade Card' which will contain Course Code, Title, Credits, Grades Awarded, Earned Credits and Earned Point secured by him/her in each course, together with his/her SGPA in that semester. On the completion of the programme, a Final Grade Card will be issued to the student, giving full semester-wise details about the absolute marks and grades obtained by him/her in each course together with his/her SGPA and also the CGPA and Division awarded to him/her.

4.11 Equivalence:

Percentage (P) equivalent to CGPA earned by a candidate may be calculated using the following formula:

$$P = \text{CGPA} \times 10$$

4.12 MALPRACTICES/UNFAIR MEANS

4.12.1 The following shall be deemed to be unfair means:

- I. Leaving the Examination Hall without submitting the answer book to the invigilator or taking away, tearing off or otherwise disposing off the same or any part thereof.
- II. Using abusive language in the examination hall or writing the same in the answer sheet.
- III. Making an appeal to the evaluator through answer sheet.
- IV. Possession by examinee or having access to books, notes, papers, mobile or any other electronic material which can prove to be helpful in the exam.
- V. Any action on the part of candidate at an examination trying to get undue advantage in the performance at examinations or trying to help another, or derive the same.
- VI. Impersonating for a candidate in the examination.
- VII. Intimidating, threatening, manhandling, using violence, show of force in any form against any invigilator or any person on duty, creating disturbance to the smooth conduct of the examination.
- VIII. Any other action which the Controller Examination / Chief Controller deem fit to be a case of UMC.

4.12.2 In case the student is found to have used any of the above Unfair means:

- I. His/her answer book shall be seized and He/She will be given a new answer sheet.
- II. Invigilator shall submit a detailed report along with the answer book of the student and the related material, if any, to the Centre Superintendent who will subsequently hand it over to Controller Examination.
- III. Written statement to this effect shall be obtained from the student by the Centre Superintendent. In case the student refuses to do the same, the fact of refusal must be recorded.
- IV. The student reported to have used unfair means shall be allowed to appear in the subsequent papers. However, no marks would be awarded for the paper in which unfair means were used.
- V. The Principal shall refer the cases of malpractices in Mid Semester tests, House Tests and End Semester Examinations, to an Unfair Means Committee, constituted by him/her for the purpose. Such committee shall follow the approved scales of punishment. The Principal shall take necessary action, against the erring students based on the recommendations of the committee.

4.12.3 The involvement of the Staff, who are in charge of conducting examinations, evaluating examination papers and preparing/keeping records of documents relating to the examinations if involved in such acts (inclusive of providing incorrect or misleading information) that infringe upon the course of natural justice to one and all concerned at the examination shall be viewed seriously and recommended for award of appropriate punishment after enquiry.

5 Attendance Regulations & Condonation:

- 5.1** A student shall be eligible to appear for end semester examinations, if he/she acquires a minimum of 75% of attendance in each subject.
- 5.2** Request to the Principal for Condonation of shortage of attendance after the recommendation of the HOD will be forwarded to Lecture Shortage Condonation Committee. The committee can finally condone the shortage in aggregate up to 15% on medical grounds in each semester.
- 5.3** Any student representing the Institute/ University/ State/ Nation in any Academic/ Sports/ Cultural/Extra Co curricular/ NSS/NCC or any other event shall be considered on duty. His/ Her shortage of lectures shall be condoned, provided that the student is permitted in writing by the Principal/HOD concerned and a certificate to this effect signed by the competent authority where the student attended the event is taken.
- 5.4** A Student will not be promoted to the next semester unless he/she satisfies the attendance requirement of the present semester as applicable.

- 5.5 Students whose shortage of attendance is not condoned in any semester are not eligible to take their end semester examination of that particular semester and their registration for examination shall stand cancelled and no fee shall be refunded.
6. Late college students: A candidate, who has completed the prescribed course of instructions for a semester but has not appeared in the examination or having appeared, has failed in the examination, may appear as a late college student within the prescribed period.
7. Applications for admission to the examination shall be made on the prescribed form attested by the competent authority as per the college rules.
8. Amount of examination fee to be paid by a candidate for each semester shall be as fixed by the College from time to time.
9. The last date by which examination forms and fees must reach the college office shall be as follows.

Semester	Without late fee	With late fee of Rs. 800/-	With late fee of Rs.1200/-	With late fee of Rs.5000/-	With late Fee of Rs. 10,000
Nov./Dec. (Odd)	Sept. 30	Oct.15	Oct. 21	Oct. 31	Nov. 10*
April/May(Even)	Feb. 28	March 15	March 21	March 31	April 15*

***Note: No Examination Form will be accepted after the prescribed date.**

10. College medal will be awarded to a candidate who secures first position in the College on the basis of the marks of all the four semesters taken together. The general rules and conditions of the College/University for the Award of medal/prizes etc. will be applicable in the award of College medal to the topper of this examination.
11. Viva Voce/ Practical examination shall be conducted by the external examiner
12. All the question papers will be set in English only and candidates can answer the questions either in English or Punjabi or Hindi.
13. The minimum number of marks required to pass each semester examination will be 35% in each paper and 35% in the aggregate of the semester examination. Provided, that in papers with practicals, the percentage shall be required separately in written and practical/lab work.
- 13.1 The grace marks shall be allowed according to thje general ordinances relating to 'Award of Grace Marks'. These ordinances will apply to all examinations.
- I. Upto 1% of the total marks of part I and Part II examinations shall be added to the aggregate of both part I and Part II examinations to award a higher division/ 55% marks, to a candidate.
 - II. Grace marks top be given shall be calculated on the basis of 1% of total aggregate marks of all the written and practical papers of the examination concerned. Marks

for viva voce/ internal assessment/ sessional work/ skill in teaching/ any additional/ optional subject shall not be taken into account for this purpose. If a fraction works out to half or more, it shall count as one mark and fractional less than half shall be ignored.

- III. To pass in one more written papers or subjects, and/ or to make up the aggregate to pass the examination but not sessional work, internal assessment, viva voce and skill in teaching.

14. Assessment:

14.1 M.Sc Fashion Design and Technology will be run on Credit Based Semester System (CBSS) as described in the Introduction.

14.2 The Assessment in each semester of M.Sc Fashion Design and Technology will be 30% internal and 70% external for each Theory paper. The result of the Internal Assessment shall be conveyed to the students/examination branch by the Head of the Department according to prescribed schedule.

14.3 There shall be Two Mid Semester tests in each Semester.

14.4 Internal Assessment of 30% will be based on Continuous Comprehensive Assessment (CCA) pattern and the break up of 30% will be as under:

- (i) Average of Two Mid Semester Tests : 40%
- (ii) Assignment/Seminar/Class Test/Tutorial/Quiz etc. : 40%
- (iii) Attendance : 20%

Papers having practical/viva, the marks of theory and practical/viva will be reduced equally percentage wise to make room for 30% internal assessment.

Note: If a case comes to notice of Controller of Examinations where the marks awarded by the Teacher are on a very Higher/Lower side, the award will be got moderated by the following committee.

- I. Paper Evaluator
- II. Head of the Department
- III. Dean of Faculty concerned
- IV. Controller of Examination

14.5 The marks for attendance in internal assessment would be awarded according to the student's attendance percentage as follows:

91-100% attendance	100% marks of the allotted Internal Assessment marks for attendance
81-90% attendance	80% marks of the allotted Internal Assessment marks for attendance
75-80% attendance	70% marks of the allotted Internal Assessment marks for attendance
Below 75%	Zero marks

- 14.6** A candidate is required to secure at least 35% marks both in external examination (Theory and Practical/ Project work) and in internal assessment separately in each paper in order to qualify in an examination.
- 14.8** Students should be shown the internal assessment before submission. In case the student is dissatisfied with the marks awarded to him/her in internal assessment; he/she can approach the concerned teacher. If the student is still not satisfied he/she may approach the head of department and the Principal subsequently.
- 15. End-Semester Examination:**
End-semester examination(s) of each theory course shall be of three hours duration and will be conducted as per norms and schedule notified by the Controller of Examination. The end semester examinations of laboratory/practical courses and other courses such as seminar, colloquium, field work, project, dissertation etc. shall be conducted as notified by the HOD.
- 16. Degree Requirement:**
- 16.1** The result of all the examinations will be declared through the College website.
- 16.2** The College may from time to time revise, amend and change the regulations or the curriculum, if formed necessary.
- 16.3** The students will be given the facilities of transfer of Credits earned in different recognized/approved Institutions of Higher Education in India and Abroad.
- 16.4** A student who earns total specified credits according to the curriculum and fulfills such other conditions as may be mentioned in the curriculum of the programme, shall be issued the DMC and shall be awarded degree by Punjabi University Patiala. He/she must also pay all College dues as per rules. Moreover, there should be no case of indiscipline pending against him/her.
- 17.** If any student gets admission after concealing any fact or his/her certificates are found fake after verification or he/she misleads the institution as any front or because of any other reason, his/her admission will stand cancelled/ his/her result cancelled though he/she may have been declared pass.
- 18.** In case the ordinance is silent about any issue, it will be decided by the College Principal in consultation with the Academic Advisory Committee of the college in the anticipation of approval of the same by Academic Council of the College.

M.SC. FASHION DESIGN AND TECHNOLOGY PART-I
(SEMESTER-I & II)
2016-17 & 2017-18 Sessions

SEMESTER - I

Paper Name	Internal assessment	External assessment	Total marks	Credits/week
Textile Study (Th.)	30	70	100	5
Design Concepts (Th.)	15	35	50	2
Historic Costumes (Th.)	30	70	100	5
Pattern Making & construction techniques (Th.)	30	70	100	5
Textile Testing (Pr.)	-	100	100	4
Applied Techniques in Drafting and Pattern Making (Pr.)	-	100	100	4
Design Concepts (Pr.)	-	50	50	2
TOTAL	105	495	600	27

SEMESTER - II

Paper Name	Internal assessment	External assessment	Total marks	Credits/week
Fabric Construction (Th.)	30	70	100	5
Sociological & Psychological Aspects of Clothing (Th.)	30	70	100	5
Communication Skills (Th.)	30	70	100	3
Fashion Illustration (Pr.)	-	100	100	4
Surface Ornamentation (Pr.)	-	100	100	4
Indian Textiles and Embroideries (Pr.)	-	100	100	2
Kids wear development (Design, Pattern and product development) (Pr.)	-	100	100	4
TOTAL	90	610	700	27
Grand Total for Semesters I & II	195	1105	1300	54

M.SC. FASHION DESIGN AND TECHNOLOGY PART-I

SEMESTER-I

THEORY PAPERS

PAPER I - TEXTILE STUDY

Credits: 5

Time : 3 Hrs.

Maximum Marks: 100

External Assessment: 70 marks

Internal Assessment: 30 marks

Pass Marks: 35%

Instructions for paper setter

The question paper will consist of three sections A, B and C. Section A and B will have 04 questions each from the respective sections of the syllabus and will carry 10 marks each. Section C will have 15 short-answer type questions which will cover the entire syllabus uniformly and will carry 02 marks each.

Instructions for candidates

Candidates are required to attempt two questions each from Sections A and B of the question paper and the entire Section C.

Section-A

1. Polymer definition, types, Polymerization, addition & condensation
2. Significance of molecular structure - crystalline & amorphous.
3. Introduction to textile Fibres.
4. Classification of fibers based on sources and origin.
5. Properties of textiles fibers.

Section-B

6. Manufacturing and properties (Chemical and Physical) of various natural cellulosic fibres – cotton and linen.
7. Manufacturing and properties (Chemical and Physical) of various natural protein fibres- wool and silk.
8. Manufacturing process and properties of modified cellulosic fibres – acetate and triacetate.
9. Manufacturing process and properties of regenerated cellulosic fibres – rayon and its various types.
10. Manufacturing process of man made synthetic fibres –
 (a) Polyamide fibres - nylon 66, nylon 6, (b) Polyester and acrylic fibers.
11. Finishes - Types and Uses :
 - I. Preparatory Finishes: Desizing, Slashing, Singeing, Bio Polishing, Scouring, Bleaching, Optical Brighteners, Mercerizing, Tentering, Drying, Calendaring, Carbonizing, Crabbing, Decatizing, Delusturing.

- II. Aesthetic Finishes:
 - a. Improve Lusture: Glazing, Cireing, Moireing, Schreinerizing, Embossing.
 - b. Improve Drape: Parchmentization, Burned out, sizing, weighting.
 - c. Improve Texture: Shearing, Brushing, Pleating, Puckering, Fulling, Beetling, Flocking, Napping.
 - d. Improve Hand: Emerizing, Abrasive Washes, Chemical Washes, Enzyme Washes, Crepeing, Hand Builders.
- III. Functional Finishes:
 - a. Appearance Retention: Soil And Stain Release Finishes, Abrasion Resistant Finishes, Anti-Slip Finishes, Fume Fading Resistant Finishes, Light Stabilizing Finishes, Surface Or Back Coatings.
 - b. Shape Retention: Durable Press Finish
 - c. Stabilization: Relaxation Shrinkage Control, Progressive Shrinkage Control.
 - d. Comfort Related: Water Repellent Finishes, Absorbent Finishes, Anti-Static Finishes, Thermal Finishes.
 - e. Safety Related: Flame Retarding, Light Reflecting.
 - f. Biological Control: Anti-Mildew Finishes, Anti-Moth Finishes, Anti-Bacterial Finishes, Anti- Rot Finishes, Micro-Encapsulated Finishes.

12. Care labels – importance- symbols - uses.

PAPER II – DESIGN CONCEPTS

Credits: 2

Time : 3 Hrs.

Maximum Marks: 50

External Assessment: 35 marks

Internal Assessment: 15 marks

Pass Marks: 35%

Instructions for paper setter

The question paper will consist of three sections A, B and C. Section A and B will have 04 questions each from the respective sections of the syllabus and will carry 05 marks each. Section C will have 15 short-answer type questions which will cover the entire syllabus uniformly and will carry 01 marks each.

Instructions for candidates

Candidates are required to attempt two questions each from Sections A and B of the question paper and the entire Section C.

Section-A

1. Introduction to art media and its applications- different art media- pencils, erasers, colours poster, fabric, water, pencil, oil pastels, charcoal pencils.

2. Definition of Motif and design: Types of Motifs

- Natural
- Realistic
- Geometrical
- Stylized
- Abstract
- Landscapes

3. Elements of Art in relation to Textile Designing

- Line
- Form/Silhouette
- Colour
- Texture

4. Principles of design in relation to textile designing

- Harmony
- Proportion
- Balance
- Rhythm
- Emphasis

5. Optical Illusions created through elements of Arts and principles of Design.

Section-B

6. Dyeing:

- a. Types - Natural and Synthetic Dyes, Dyeing theory.
- b. Home & Industrial Dyeing - Fibre Dyeing, Yarn Dyeing, Fabric Dyeing & Garments Dyeing.
- c. Application of Direct, Acid, Basic and Azoic dyes on Natural Fibres - Cotton, Silk and Wool

7. Printing: Machine Printing, Hand Printing.

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- Textile Science 2nd Edition, E.P.G. Gohl & L.D. Vilensky, CBS Publishers and Distributors 2006
- Fabric science, 5th edition, Joseph J.P. et al. Fairchild publications, New York, 1990
- Norman Hollen and Jane Saddler, "Textiles" Second Edition. (1949), The Macmillan Company, New York. Collier-Macmillan Limited, London.
- Bride M Whelan, "Color Harmony", Rockfort Publishers, 1992.
- Gold Stein, "Art in Every day life", IBH Publishing Co, Calcutta, 1992
- Ireland, Patrick John, "Fashion Drawing and Presentation", B.T. Batsford, London, 1996.
- Elizabeth Drudi, T Pack, "Figure Drawing for Fashion", The Pepin Press
- Allen and Seaman, "Fashion Drawing- the Basic Principles", B.T. Batsford, London 1994.
- Seaman, Julian, "Professional Fashion Illustration", B.T. Batsford, London, 1995.
- Drake and Nicholas, "Fashion Illustration", Thames and Hudson, London, 1994
- Abling Bina, "Fashion Sketch Book".

PAPER III - HISTORIC COSTUMES

Credits: 5

Time : 3 Hrs.

Maximum Marks: 100

External Assessment: 70 marks

Internal Assessment: 30 marks

Pass Marks: 35%

Instructions for paper setter

The question paper will consist of three sections A, B and C. Section A and B will have 04 questions each from the respective sections of the syllabus and will carry 10 marks each. Section C will have 15 short-answer type questions which will cover the entire syllabus uniformly and will carry 02 marks each.

Instructions for candidates

Candidates are required to attempt two questions each from Sections A & B of the question paper and the entire Section C.

Section -A

1. Traditional costumes of Indian states (Eastern, Western, Northern and Southern) accessories and ornaments used in India.

North Zone – Punjab, Jammu and Kashmir

East Zone – Assam, West Bengal

West Zone – Maharashtra, Gujarat

South Zone – Tamilnadu, Karnataka

2. Costumes of folk dances of India

Punjab – Gidda and Bhangra

Gujarat- Garba

Rajasthan-Kalbalia,

Manipur – Raslila

AndhraPradesh – Kuchipudi

Orissa-Odissi

3. Study of Ancient Indian Dresses during the following periods:

Indus Valley

Vedic

Mauryan and Sunga Period

Satvahana Period

Kushan Priod

Gupta Period

Section-B

4. Mughal Period - Costumes of Pre- Mughal, Mughal and Post- Mughal Period
5. British Period - Costumes of Pre- independence and Post Independence period
6. Egyptian
7. Greece
8. Roman
9. Byzantine.
10. Renaissance Costumes
11. French Revolution
12. Victorian Period
13. 20th and 21st Century Fashions

Note: The candidates are required to prepare power point presentation/ seminar / poster presentation or window display on any one topic of the above.

References

- A.Biswas, Indian Costumes, (2003), Publication Division
 Bradley C.(1970) History of World Costume, London, Peter Owen Ltd
 Boucher F. (1966) A History of Costume in the West, London, Thames and Hudson
 Encyclopedia of Costumes and Fashion from 1066 to the Present by Jack Cassin- Scoot Illns
 London, Brockhampton, 2002
 James, L. Costume and Fashion: A Concise History; Thames and Hudson) 2nd edition) 2002
 Parul Bhatnagar, Traditional Indian Costumes and Textiles, (2004), Abhishek Publications
 Ritu Kumar, Costumes and Textiles of Royal India, (1999), Christie's Book

PAPER IV - PATTERN MAKING AND CONSTRUCTION TECHNIQUES

Credits: 5

Time : 3 Hrs.

Maximum Marks: 100

External Assessment: 70 marks

Internal Assessment: 30 marks

Pass Marks: 35%

Instructions for paper setter

The question paper will consist of three sections A, B and C. Section A and B will have 04 questions each from the respective sections of the syllabus and will carry 10 marks each. Section C will have 15 short-answer type questions which will cover the entire syllabus uniformly and will carry 02 marks each.

Instructions for candidates

Candidates are required to attempt two questions each from Sections A & B of the question paper and the entire Section C.

Section-A

1. Basic Terminology : Paper Pattern, Templates, Block, Grain Line, Corollary, Production Pattern, Design Specification Sheet, Cost Sheet, Land Marks, Bowing, , Balance, Balance Marks, Notches, Dart, Pattern Plot, Pivotal point, Bust Point.
2. Methods of developing design-
 - a. Drafting and Layouts
 - b. Flat Pattern Making and commercial paper patterns
 - c. Draping.
3. Grading - Terminology, Types of grade, Principals of Grading.
4. Fabric preparation
5. Handling special fabrics- Net, Fur, Leather, Sheers (Georgette, Chiffon), Jersey, Velvet, Corduroy, Prints and checks, sequined fabric.

Section-B

6. Basic Terminology : Ease, Truing And Binding, Seam Allowance, Selvedge, Facing, Bias, True Bias, Gusset, Hem Line, Armhole, Darning, Fork Length, Flap, Fore Pitch, Lining, Placket, Tucks, Pleats, Scalloping, Trimmings.
7. Tools and equipments used for clothing construction
8. Sewing machine-
 - a. Parts
 - b. Maintenance
 - c. Common problems
 - d. Remedies
 - e. Types of machines and its attachments.
9. Anthropometric measurements-

- Definition • Instruments • Precautions • Locating landmarks on the body • Recording body measurements.
- 10. A brief study of garment details and their suitability-
 - Collars • Sleeves • Trimming • Fasteners • Pockets • Plackets.
- 11. Fullness Treatment in the garments-
 - a. Method of introducing fullness in garments- gathers, pleats, tucks, shirring, frills or ruffles, flounces.
 - b. Methods of controlling fullness- Darts

References

- Armstrong, J., Draping for Fashion Design, Fair child Publication ,New York.2004
- Basic Pattern Skills for Fashion Design by Bernard Zamkoff, 1997, Fairchild Publication
- Ernestine Koff, Design Apparel through Flat Pattern, 2006, Cole Publishing Co
- Fashion from Concept to Consumer by Gini Sterphens Frings, N. Jersey, Prentice Hall C, 1996.
- Holman., Pattern Cutting Made Easy: A step by step Introduction, Om Publications
- Inside Fashion Design by Sharon Lee, Harper & Row Pub., NY.
- Pamela, C. Stringer., (1995). Pattern Drafting for Dress Making, Augustan Publishers & Distributors, Delhi
- Relis, Nurie., & Jaffe, Hilde., Draping for fashion Design, Prentice Hall career Technology, New Jersey.1993.

PRACTICAL PAPERS

PRACTICAL PAPER I - TEXTILE TESTING AND QUALITY ANALYSIS

Credits: 4

Maximum Marks: 100

Time : 4 Hrs.

Pass Marks: 35%

1. Fibre Identification Test - Microscopic, Burning and Solubility test.
2. Qualitative and Quantitative analysis of blends and mixtures.
3. Testing Yarn count, Direction & Amount of twist.
4. Bleaching of cotton
5. Dyeing of Cotton, Wool and Silk with different dye.
6. Colour fastness: Pressing (Dry and Wet), Laundering, Crocking, Artificial Perspiration and sunlight.
7. Fabric Testing - Drape, Stiffness, Crease recovery, Crimp and Thickness .
8. Shrinkage in fabrics- Laundering shrinkage, Thermal shrinkage & Heat setting in dimensional stability of fabrics.
9. Thermal conductivity, Air permeability, Porosity of fabrics.
10. Laundering and Care of Textiles:
 - a. Stain Removal
 - b. Dry Cleaning
 - c. Blues and Starches

References

- Textiles: Fiber to Fabric 6th Edition, Bernard P. Corbman, International students" edition, McGRAW Hill International Edition book co Singapore (1985).
- Textile chemistry, Peters.r.h. Vol i, ii, textile institute Manchester 1970.
- Technology of textile processing, Shenai.v.a. Vol i, ii, v, vii, sevak publications, Bombay, 1981
- Textile Science 2nd Edition, E.P.G. Gohl & L.D.Vilensky, CBS Publishers and Distributors 2006
- Fabric science, 5th edition, Joseph.j.p. Et.al. Fairchild publications, New York, 1990
- Norman Hollen and Jane Saddler, "Textiles" Second Edition. (1949), The Macmillan Company, New York. Collier-Macmillan Limited, London.

**PRACTICAL PAPER II – APPLIED TECHNIQUES IN DRAFTING AND PATTERN
MAKING**

Credits: 4

Maximum Marks: 100

Time : 4 Hrs.

Pass Marks: 35%

1. Introduction to tools of pattern making and cutting
2. Methods of taking measurements and units of measurements
3. Taking measurements from body, pattern and readymade garments
4. Making standard blocks for deaffed patterns for children and adults with balance lines, notches, grain - line indication and size - bodice sleeve and skirts.
5. Drafting of basic sleeve variations - gathered, puff, flare, leg O' mutton, petal, cowl, cap, dolman, bishop, dropped shoulder, kimono, magyar, raglan, saddle, circular etc.
6. Drafting and adaptation of different collars - cape, Peter pan, Mandarin, coat, shawl, shirt, sailors, cowl
7. Drafting and Adaptation of skirts:
 - A Line
 - Flared
 - Gored,
 - Pegged,
 - Skirt with Yoke
 - Pleated Skirt: Knife, Box, Inverted Box
 - Circular
 - Godets And Variations,
 - Tiered Skirt
8. Inter portation of style lines - by dart manipulation using slash and spread method.
9. Draping on the dress form
 - a. Bodice - front and back
 - b. Basic skirt and variations
 - c. Yokes and Style lines
 - d. Sleeves.
10. Preparation of scrap book for fabrics related to various fabric construction techniques (felting/knitting/weaving/braiding etc)
11. Understanding the characteristics, uses, collection and market survey on various types of accessories-
 - a. Support Materials: Interfacing, Lining, Interlining.
 - b. Support Devices: Shoulder pad, Sleeve headers and Collar stays.
 - c. Closures: Zippers, Buttons, Button holes, Hooks 'n' Eye, Press 'n' Studs, Buckles, Belts.
 - d. Trims: Ribbons, Laces and Braids.
 - e. Non woven.

References

- Armstrong, J., Draping for Fashion Design, Fair child Publications ,New York.2004
- Bray N., Dress Pattern Designing, 2003 (5th edition) Willey Blackwell.
- Reader's Digest-Complete guide of sewing, The Reader's Digest Association Ltd., London
- Relis, Nurie., & Jaffe, Hilde., Draping for fashion Design, Prentice Hall career & Technology, New Jersey.1993
- Thomas, Anna, Jacob, The Art of Sewing, UBSPD Publishers Distributors Ltd, New Delhi
- Penelope, Cream., The Complete Book of Sewing- A Practical Step by Step Guide to Sewing Techniques ADK Publications Book, New York 1996
- Pattern Making for Fashion Design by Helen Joseph Armstrong, 2005, Prentice Hall.

PRACTICAL PAPER III – DESIGN CONCEPTS

Credits: 2

Maximum Marks: 50

Time : 4 Hrs.

Pass Marks: 35%

Section-A

1. Introduction to art media and its applications- different art media- pencils, erasers, colours poster, fabric, water, pencil, oil pastels, charcoal pencils.

2. Free hand Drawing of Motif and design: Types of Motifs

- Natural
- Realistic
- Geometrical
- Stylized
- Abstract
- Landscapes

3. Elements of Art in relation to Textile Designing

- Line
- Form/Silhouette
- Colour
- Texture

4. Principles of design in relation to textile designing

- Harmony
- Proportion
- Balance
- Rhythm
- Emphasis

5. Optical Illusions created through elements of Arts and principles of Design.

References:

- Textiles: Fiber to Fabric 6th Edition, Bernard P. Corbman, International students' edition, McGRAW Hill International Edition book co Singapore (1985).
- Textile chemistry, Peters.r.h. Vol i, ii, textile institute Manchester 1970.
- Technology of textile processing, Shenai.V.A. Vol i, ii, v, vii, sevak publications, Bombay, 1981
- Textile Science 2nd Edition, E.P.G. Gohl & L.D.Vilensky, CBS Publishers and Distributors 2006
- Fabric science, 5th edition, Joseph.j.p. Et.al. Fairchild publications, New York, 1990

- Norman Hollen and Jane Saddler, "Textiles" Second Edition. (1949), The Macmillan Company, New York. Collier-Macmillan Limited, London.
- Bride M Whelan, "Color Harmony", Rockfort Publishers, 1992.
- Gold Stein, "Art in Every day life", IBH Publishing Co, Calcutta, 1992
- Ireland, Patrick John, "Fashion Drawing and Presentation", B.T. Batsford, London, 1996.
- Elizabeth Drudi, T Pack, "Figure Drawing for Fashion", The Pepin Press
- Allen and Seaman, "Fashion Drawing- the Basic Principles", B.T. Batsford, London 1994.
- Seaman, Julian, "Professional Fashion Illustration", B.T. Batsford, London, 1995.
- Drake and Nicholas, "Fashion Illustration", Thames and Hudson, London, 1994
- Abling Bina, "Fashion Sketch Book".

SEMESTER - II
Theory Papers

PAPER I – FABRIC CONSTRUCTION

Credits: 5

Time : 3 Hrs.

Maximum Marks: 100

External Assessment: 70 marks

Internal Assessment: 30 marks

Pass Marks: 35%

Instructions for paper setter

The question paper will consist of three sections A, B and C. Section A and B will have 04 questions each from the respective sections of the syllabus and will carry 10 marks each. Section C will have 15 short-answer type questions which will cover the entire syllabus uniformly and will carry 02 marks each.

Instructions for candidates

Candidates are required to attempt two questions each from Sections A & B of the question paper and the entire Section C.

Section-A

1. Yarns-
 - a. Types of Yarns- simple, novelty and textured
 - b. Twist, count, diameter determination in yarn, Yarn numbering system.
2. Yarn Construction –
 - a. Staple yarns-Conventional ring spinning, open end spinning, friction spinning, self twist spinning twist less spinning, airjet spinning, water jet spinning.
 - b. Filament yarns- Wet, Dry and melt spinning.
3. Looms- Parts of a simple loom and their functions.
4. Different types of looms-

Shuttle looms- pit loom

Shuttle less looms- Rapier loom, Multiphas loom, Airjet loom, Waterjet loom.
5. Fabric Construction –
 - a. Weaves & its types
 - I. Basic Weaves: Plain Weaves and its Variations, Twill Weave and its Variations, Satin Weave and its Variation.
 - II. Decorative Weaves: Dobby Weave, Spot Weave, Swivel Weave, Lappet Weave, Pique Weave, Jacquard Weave, Crepe Weave, Gauze Weave, Pile

Weave And Its Variations, Slack Tension Weave, Tapestry Weave, Double Cloth and its Variations, Narrow Fabrics.

Section-B

6. Knitting technology-
 - a. Different types of knits-Weft and Warp knitting.
 - b. Weft Knitting-
 - I. Basic Knits: Jersey Knits, Purl Knits, Rib Knits.
 - II. Specialized Knits: Interlock Knits, Double Knits, Knitted Terry, Knitted Velour, High Pile Knits.
 - c. Warp knitting- Tricot, Raschel, Simplex, Milanese, Crotchet, insertion knits, jacquard knits.
7. Different types of knitted garments and quality control-
 - a. Garments with circular knits
 - b. Fully cut
 - c. Stitched shape cut
 - d. Fully fashioned garments
 - e. Integral garments
8. Common defects in knitted fabrics
9. Methods of production of :
 - a. Fabrics From Solutions: Films, Foams.
 - b. Fabric From Fibres: Non-Wovens, Felt.
 - c. Fabric From Yarns: Braids, Nets, Laces.
 - d. Fabric From Fabrics: Coated Fabrics, Poromeric Fabrics, Suede Like Fabrics, Laminated Fabrics, Stitch Bonded Fabrics.
 - e. Animal Products: Leather, Suede, Fur.

References

- Textiles: Fiber to Fabric 6th Edition, Bernard P. Corbman, International students' edition, McGRAW Hill International Edition book co Singapore (1985).
- Textile chemistry, Peters.R.H. Vol i, ii, textile institute Manchester 1970.
- Technology of textile processing, Shenai.V.A. Vol i, ii, v, vii, sevak publications, Bombay, 1981
- Textile Science 2nd Edition, E.P.G. Gohl & L.D.Vilensky, CBS Publishers and Distributors 2006
- Fabric science, 5th edition, Joseph.J.P. Et.al. Fairchild publications, New York, 1990
- Norman Hollen and Jane Saddler, "Textiles" Second Edition. (1949), The Macmillan Company, New York. Collie-Macmillan Limited, London.
- Blackenbury. Terry., Knitted Clothing Technology, Blackwell Publishing 2005.
- Johnson. Henry., Introduction to Knitting Technology, Abhishek Publication, 2006.

PAPER II – SOCIOLOGICAL AND PSYCHOLOGICAL ASPECTS OF CLOTHING

Credits: 5

Time : 3 Hrs.

Maximum Marks: 100

External Assessment: 70 marks

Internal Assessment: 30 marks

Pass Marks: 35%

Instructions for paper setter

The question paper will consist of three sections A, B and C. Section A and B will have 04 questions each from the respective sections of the syllabus and will carry 10 marks each. Section C will have 15 short-answer type questions which will cover the entire syllabus uniformly and will carry 02 marks each.

Instructions for candidates

Candidates are required to attempt two questions each from Sections A & B of the question paper and the entire Section C.

Section-A

1. Introduction to Fashion-
2. Fashion, Fads, Styles, change, acceptance, taste, classics, high fashion, mass fashion, design, trend, haute couture, couturiere, knockoffs and prêt-a-porter.
3. Principles of Fashion
4. Fashion cycle, factors influencing fashion
5. Fashion Leaders and Followers
6. National & International designers
7. National & International fashion centers
8. Theories of fashion adaptation –
 - a. Traditional fashion adoption (Trickledown theory)
 - b. Reverse adoption (Bottom up theory)
 - c. Mass Dissemination (Trickle across theory).
9. Fashion apparel- women's, men's, children's & teens- category and size ranges
10. Fashion accessories- categories, market segments and trends in accessory industry

Section-B

11. Origin of clothing - different theories of origin of clothing
12. Modern philosophy of clothes
13. First Impressions
14. Motivation in clothing selection and choices
15. Personality & self concept
16. Clothing and colour- Importance of colour for different ceremonies, occasions, occupation, religion etc
17. Clothing and social behavior

18. Influence of culture and religion on clothing.

References

- A Study in Human Behavior by Marry Show Ryan- New York, Holt Rinehart & Winston, 1966.
- Second Skin - H.J. Horn
- Psychology of Clothes by J.G. Flugel
- Concepts of Clothing by Marry, Rose & Cranz.
- Waddell Gavin, How Fashion works, Blackwell Publishing
- Leslie D. B. Bryane N, The business of fashion, Fairchild publication New York.
- Stone. E., In Fashion, Fairchild Books, USA, Second Edition
- Inside Fashion Design by Sharon Lee, Harper & Row Pub., NY.
- Fashion from Concept to Consumer by Gini Sterphens Frings, N. Jersey, Prentice Hall-C, 1996.
- Encyclopedia of Fashion Accessories by P. Tortora,2003, Fairchild Pub. inc
- Fashion Kaleidoscope by Mehar Castelino-Calcutta: Rupa & Co., 1994.

PAPER III - COMMUNICATION SKILLS

Credits: 3

Time : 3 Hrs.

Maximum Marks: 100

External Assessment: 70 marks

Internal Assessment: 30 marks

Pass Marks: 35%

Instructions for paper setter

The question paper will consist of three sections A, B and C. Section A and B will have 04 questions each from the respective sections of the syllabus and will carry 10 marks each. Section C will have 15 short-answer type questions which will cover the entire syllabus uniformly and will carry 02 marks each.

Instructions for candidates

Candidates are required to attempt two questions each from Sections A & B of the question paper and the entire Section C.

Section-A

1. Communication - Its meaning and importance.
2. Different types of communication- One way or two way communication
3. Essentials of good communication
4. Forms of communication-: Oral-Telephonic communication
5. Written –Drafting reports, notices, agenda notes, business correspondence, circulars, press releases and advertisements.
6. Non verbal-Importance of non-verbal communication-Positive gestures, symbols and signs
7. Modern forms of communication-Fax, Internet/e-mail, video conferencing
8. Barrier of communication.

Section-B

9. Mass Communication:- Concept, Definition, Scope.
10. Functions of Mass Communication through different media – Electronic media, Print media, Cyber media, Role of media in society.
11. Need of Mass Communication in Fashion world-Importance and classification.
12. Group discussions- Advantages and techniques of conducting group discussions.
13. Resume Writing and job applications, applications for business (Application for loan, refund, and advance salary).
14. Business Letter- Business Letters (Types, Essentials and Layout) letter of enquiry, letter of quotation, letter of orders, letter of advice, letter of trade reference, circular letters, letter of complaint and adjustments, sales letter, credit letters and status inquires, collection letters.
15. Essentials of technical report writing and proposals.

References

- Gupta C.V.. Business Communication and Customer Relations, Sultan Chand and Sons
- Pal Rajender and Korlahalli J.J., Essentials of Business Communications, Sultan chand and sons.
- Chaturvedi, P.D., Business Communication, Pearson Publication
- Jain.V.K. and Biyani Om Prakash, Business Communications, Sultan Chand & company Ltd.
- Mohan, Krishna and Beerjee, Meera, Developing Communication Skills, Macmillan Press.

PRACTICAL PAPERS

PRACTICAL PAPER I - FASHION ILLUSTRATION

Credits: 4

Maximum Marks: 100

Time : 4 Hrs.

Pass Marks: 35%

1. Study of human figure in relation to fashion proportion of a perfect figure
2. Sketching of Stick figures and Block figures
3. Fashion figure: 8½, 10 and 12 heads - front, back and ¾th profile,
4. Fleshing of Fashion Figure
5. Sketching of facial features- Eyes, Ear, Nose, Legs and Feet, Arms, Hair styles
6. Detail in study in pencil and colour with light and shade of different types of folds, gathers and shape of fabric in dresses.
7. Creating various textures using different techniques and medium- Nets, Knits, Velvet, Lace, Denims, Fur, Corduroy.
8. Illustration of Dresses depicting various textures, prints and drapes.
9. Designing and Illustration of Accessories: Jewelry, Head gears, Bags, Belts, Footwear, Bows, Ties etc.

References

- Fashion Drawing—the Basic Principles by Anne Allen & Julian Seaman-B.T. Batsford,London.
- Fashion Design Drawing & Presentation by Patrick John Ireland, 4th Edition, New Delhi, Om, 2005.
- Fashion Design Illustration Children by Patrick John Ireland- London, B.T. Batsford,1995.
- Fashion Source Book by Kathryn Mc Kelvey- 4th Edition, New Delhi, Om, 2005.
- Fashion Sketchbook by Bina Abling, 4th Edition, New Delhi, Om, 2005.
- Illustrating Fashion by Kathryn Mckelvey & Janine Munslow-Blackwell Publishing Co.USA, 2007
- New Fashion Illustration by Martin Dawber- Singapore: Page One-2005.

PRACTICAL PAPER II - SURFACE ORNAMENTATION

Credits: 4

Maximum Marks: 100

Time : 4 Hrs.

Pass Marks: 35%

1. Basic Hand Stiches
 - a. Temporary Stiches : Basting Even ,Basting Uneven ,Diagonal ,Slip Basting.
 - b. Permanent Stiches : Running Stitches , Hemming ,Slip Stitch , Run and back stitch, Over casting ,Whip stitch.
2. Making samples of types of seams- • Plain • Run and fell • French • lapped • Counter •Mantua maker
3. Making samples of types of seam finishes- • Overlock • Hand overcast • Turned and stitched • Binding.
4. Motif Enlargement and Reduction.
5. Basic embroidery stitches- Running, Stem, Chain, Back, Open chain, Blanket, Feather, Herring bone, Close herring bone, Couching, Lazy daisy, French knot, Satin, long and short, Romanian, Pekinese, Fly, Bullion, Chevron, appliqué and Cross stitch.
6. Combination of stitches and work styles with following stitches :
 - a. Appliqué and satin
 - b. Cording and stem
 - c. Stem and satin
 - d. Running and satin
 - e. Quilting & Patchwork
7. Edging: Lace, Piping, Beads, Fringes
8. Types - Natural and Synthetic Dyes.
9. Dyeing and Printing techniques
 - Tie and Dye
 - Batik
 - Stencil
 - Screen
 - Block
 - Batik

References

- Fashion Drawing—the Basic Principles by Anne Allen & Julian Seaman-B.T. Batsford,London.
- Fashion Design Drawing & Presentation by Patrick John Ireland, 4th Edition, New Delhi, Om, 2005.
- Fashion Design Illustration Children by Patrick John Ireland- London, B.T. Batsford,1995.
- Fashion Source Book by Kathryn Mc Kelvey- 4th Edition, New Delhi, Om, 2005.
- Fashion Sketchbook by Bina Abling, 4th Edition, New Delhi, Om, 2005.
- Illustrating Fashion by Kathryn Mckelvey & Janine Munslow-Blackwell Publishing Co.USA.
- 7 New Fashion Illustration by Martin Dawber- Singapore: Page One-2005.

PRACTICAL PAPER III– INDIAN TEXTILES AND EMBROIDERIES

Credits: 2

Maximum Marks: 100

Time : 4 Hrs.

Pass Marks: 35%

1. Traditional embroideries of various states of India.: Kantha, kasuti, kutch, Phulkari, chickenkari, chamba, Dasuti, Sindhi
Prepare samples/Articles of above embroideries.
2. Traditional textiles of various states of India.
Printed Textiles - Sanganeri prints, Bagru prints, Ajrakh printing.
Dyed Textiles - Ikkat, Patola, Pochampalli.
Hand Painted - Kalamkari, Madhubani, Nathdwara painting, Patchitra
Woven Textiles - Painthani, Jamdhani, Brocade, Chanderi, Baluchar, Tancoi, Jamavar, Kanjivaram, Maheshwari, Ikkal, Dharmavaram.
3. Identification of different types of textiles - contemporary and modern.
4. Collection of traditional motifs and designs used in textiles.

Suggested Readings

- Parul, B., Traditional Indian Textiles, Abhishek Publications, Chandigarh.
 Gillow, John, Traditional Indian Textiles, Thames & Hudson Ltd, London 1993.
 Chisti R.K, Jain Rahul, Tradition Beyond: Handcrafted Indian Textiles, Roli Books, Lustre Press
 Naik., Traditional Embroideries of India, APH Publishing Corporation, New Delhi 2002.
 Bhavani, E., Decorative Designs and Craftsmanship of India, D. B. Taroporevala Sons & Co. Pvt, Ltd Bombay.1968.
 Crill, Rose.mary., Indian Embroidery, Prakash Book Depot, New Delhi 1999.

PRACTICAL PAPER IV – KIDS WEAR DEVELOPMENT (DESIGN, PATTERN AND PRODUCT DEVELOPMENT)

Credits: 4

Maximum Marks: 100

Time : 4 Hrs.

Pass Marks: 35%

1. Different types of Seams and Hems: Plain seam, Bound seam, Bias binding, Hand Overcast; French seam, Lap seam, Flat Fell seam
2. Facing: Armhole Facing, Basic Neckline and All in one facing
3. Darts and Tucks: Single dart, Double pointed dart, Dart tuck, Pin tuck, Blind tuck
4. Placket: Inseam Placket, Bound Placket, Faced Placket
5. Additional Production Operations:
 Band & Cuffs: Closed-Band, One Part, Two Part, Waist bands
 Sleeves: Separate Sleeve, Cut-in-one
 Collar: Flat Collar, Stand and Roll Collar
 Closure: Buttonholes, Button Loops, Hooks & Eyes, Zippers
 Pockets: Applied Pocket, SET-in and Slash Pockets
6. Pattern development and construction of-
 Party frock
 Jump suit
 Bushirt
 shorts
 Skirt and Top- (Teenagers)
 Reversible Jacket (Teenagers)
7. Commercial paper - pattern of any one above mentioned garments.
8. Grading of pattern.

References

Basic Processes and Clothing Construction - Doongaji, Sherie and Desh Pande R
 Bernard Zamkoff and Jeanne Price, Creative Pattern Skills for Fashion Design(f.i.t. Collection),1990, Publisher: Fairchild Books & Visual.
 Helen Joseph Armstrong, Pattern making for Fashion Design, 2000, Dorlin Kindersley (India)Pvt.Ltd. India.
 Sandra Betzina, Fast Fit – Easy Pattern Alterations for Every Figure, 2003 Taunton Pr.
 Matric Pattern Cutting by Wini Fred Aldrich-New Delhi