

STUDY AND EVALUATION SCHEME FOR
TWO YEAR DIPLOMA COURSE IN GARMENT TECHNOLOGY
(Effective From the Session 2002-2003)

I st YEAR

STUDY SCHEME						S U B J E C T	Scheme of Examination								
Periods Per Week							Theory			Practical			Grand		
Lect.	Tutorial	Dr. Law	Lab	Work Shop	Total		Examination	Sess. Marks	Total Marks	Examination	Sess. Marks	Total Marks	Total		
						Dur.	Marks		Dur.	Marks					
3	-	-	2	-	5	1.1 Professional Communication	2.5	50	20	70	3	20	10	30	100
2	-	-	4	-	6	1.2 Industrial Machines, Tools & Equipments	2.5	50	20	70	3	60	30	90	160
2	-	-	-	4	6	1.3 Basic Design & Drawing	4.0	100	40	140	-	-	-	-	140
3	-	-	4	-	7	1.4 Textile Science	2.5	50	20	70	3	40	20	60	130
1	-	-	5	-	6	1.5 Drafting & Pattern Layout-I	-	-	-	-	4	70	30	100	100
1	-	-	5	-	6	1.6 Costume Design & Fabrication -I	-	-	-	-	6	70	30	100	100
1	-	-	5	-	6	1.7 Embroidery	-	-	-	-	5	60	30	90	90
2	-	-	4	-	6	1.8 Computer Principles	2.5	50	20	70	3	60	30	90	160
15	-	-	29	4	48	<-----TOTAL----->	-	300	120	420	-	380	180	560	980
												Games/NCC/Social and Cultural Activity/Community Development+Discipline (30 +20)	50		
												Aggregate	1030		

- NOTE:-
- (1) Each period will be of 50 minutes duration.
 - (2) Each year will be of 32 weeks.
 - (3) Effective teaching will be at least 25 weeks.
 - (4) Remaining periods shall be utilised for revision, etc.
 - (5) After I Year the student shall have a four week industrial exposure, It will be arranged and supervised by Institute staff. Purpose is to give students an exposure of industrial set up just to facilitate them for future studies, every student will submit the Institution a report of his visit. The report will in variably contain the descipline of his observations about
(1) Products/Works (2) Machines, Loads and Equipments used. He will be evaluated for 45 marks by the Project /examiner next year. 30 marks for viva and 15 marks for documentation, Industries chosen for the purpose should be units engaged in Textile/Leather Garments making units.
 - (6) SI System of Units shall be used in each subjects.
 - (7) One hour Lect./Tut, or two hours Pract./Workshop/Drp. has been considered equivalent. been considered equivalent.

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TWO YEAR DIPLOMA COURSE IN GARMENT TECHNOLOGY
(Effective From the Session)

II rd YEAR

STUDY SCHEME						Scheme of Examination									
Periods Per Week						S U B J E C T	Theory			Practical			Grand Total		
Le	Tut	Dr	Lab	Work	Tot		Examination	Sess.	Total	Examination	Sess.	Total			
														Dur.	Marks
2	1	-	-	-	3	2.1 Business Organisation & Entrepreneurship Dev.	2.5	50	20	70	-	-	-	-	70
2	-	-	6	-	8	2.2 Drafting & Pattern Layout -II	-	-	-	-	4	100	50	150	150
2	-	-	6	-	8	2.3 Costume Design & Fabrication -II	-	-	-	-	4	100	50	150	150
1	-	-	5	-	6	2.4 Dress Design-I	2.5	50	20	70	4	60	30	90	160
2	-	-	8	-	10	2.5 Knitting	2.5	50	20	70	4	60	30	90	160
1	-	-	4	-	5	2.6 CAD for Costume	2.5	50	20	70	3	70	30	100	170
-	-	-	8	-	8	2.7 Project Field Exposure	-	-	-	-	Viva	70	30	100	100
-	-	-	-	-	-	<-----TOTAL----->	-	200	80	280	-	490	240	730	1010
						Games/NCC/Social and Cultural Activity/Community Development+Discipline (30 +20)						50			
						Aggregate						1060			

NOTE:-

(1) Each period will be of 50 minutes duration.	Carry over of Ist yr. 50%	515
(2) Each semester will be of 32 weeks.	Carry over of IInd yr. 100%	1060
(3) Effective teaching will be at least 25 weeks.		-----
(4) Remaining periods shall be utilised for revision,etc.	Grand Total	1575
(5) Field Visits and extension lecturers are to be organised and managed well in advance at Institute level as per need.		\-----/
(6) SI System of units shall be used in each subjects.		
(7) One hour Lect./Tut, or two hours Pract./Workshop/Drg. has been considered equivalent.		

MAIN FEATURES OF THE CURRICULUM

Title of the Course	- Diploma in " GARMENT TECHNOLOGY "
Duration for the Course	- Two years
Pattern of the Course	- Annual System
Intake for the Course	- 30
Type of course	- Full time institutional
Entry Qualification	- High School
Mode of Admission	- By joint Entrance Examination.

PROLOGUE TO SECOND REVISION

Originally the curriculum for two year diploma in "Costume Design and Dress making" was designed to develop skill component in girls for its domestic application. But feeling the nerves of fast growing ready made garment industry and coming up of various export houses, the course was revised in 1991 to meet the want of trained personnels in these units. Accordingly aims and objectives of curriculum were determined, nature of jobs and dimensione of required knowledge and skill were identified to determine the course content .During last five years the garment industry has grownup considerably in dimension and innovations in design and technology causing the need to reorient the curriculum . Aims and objectives remaining the same as before the enrichment of content and resetting of the matter as felt necessary, to present situation has been done with due care and consideraions. For this expert opinions were drawn during discussion on individual papers in the work shop organised in the institute and through personal contacts, Ideas obtained so were disseminated in the curriculum with due care. Some salient features of the new form of the curriculum are as follows-

1. Computers after proving their efficacy in business,engineering transport , communication and banks now have entered the domain of fashion adding new dimensions to it. Better time management, design communication channels, accurate patterns and drafting, reeducation of sampling cost and colour production are only a few areas in which computer has displayed its effectivness as production tool. A CAD system allows the designer complete hand on control of design process. Speed, flexibility and cost effectiveness are the main advantages of CAD/CAM. So there had been an irresistible fressure for introduction of computer in costume design and dress making. With this in mind in first year a paper named " Computer Principles and applications " and the other named "CAD for costumes " has been introduced in final year of the course.
2. Embrodary and Knitting have been introduced as two separate papers.Embroidary in first year and Knitting in second year. Teachers felt that teaching and practice of Embroidry and Knitting as one paper is neither feasible nor justifiable in present situations when lot of innovations interms of technology and design has taken place in both fields.
3. Besides above mentioned points all papers have been revised thoroughly and new ideas where ever felt necessary have been introduced.

With all these changes made in the curriculum it is hoped that its present profile will stand the test of time to come regarding its aims and objectives.

LIST OF EXPERTS

List of experts who contributed in converting the revised curriculum of Two year Diploma in Costume Design & Dress Making. in to Multi Point Entry & Credit System.

1.	Shri Virender Bhasin	Director	I.R.D.T.,U.P.,Kanpur
2.	Shri S.C. Verma	Principal	Govt. Polytechnic, Kanpur
3.	Shri J.P. Yadaw	Dy.Director	I.R.D.T.,U.P.,Kanpur
4.	Shri P.C.Sharma	Asst.Director	D.T.E.,U.P.,Kanpur
5.	Shri R.S.Gautam	H.O.D.I/C	Govt Polytechnoc, Kanpur
6.	Shri C.K.Mishra	Lect.Physics	Govt.Polytechnic,Kanpur
7.	Shri Y.P.S.Gangwar	Lect.Physics	Govt.Polytechnic,Kanpur
8.	Shri P.C.Dixit	Lect.Chemestery	Govt.Polytechnic,Kanpur
9.	Shri J.P.Mishra	Lect.Math	Govt.Polytechnic,Kanpur
10.	Smt. Abha Bhargawa	Asstt.Prof.	G.C.T.I., Kanpur
11.	Shri Lalji Yadaw	Lect.Computer	Govt Polytechnic, Kanpur
12.	Shri Santosh Sharma	Lect.CDDM	Govt.Girls Poly., Kanpur
13.	Shri R.P.Pathak	Lect.Texit.Tech.	Govt. Polytechnic,Kanpur
14.	Shri S.K.Verma	Professor	I.R.D.T.,U.P.,Kanpur
15.	Shri K.M.Gupta	Asst.Prof.	I.R.D.T.,U.P.,Kanpur
16.	Shri M.P.Singh	Asst.Prof.	I.R.D.T.,U.P.,Kanpur
17.	Shri Yashveer Singh	T.B.O.	I.R.D.T.,U.P.,Kanpur
18.	Smt. Anita Bajpai	Asst.Prof.	I.R.D.T.,U.P.,Kanpur
19.	Shri Ashraf Ali	Lect.Computer	I.R.D.T.,U.p.,Kanpur
20.	Shri M.R.Khurana	Asst.Prof.	I.R.D.T.,U.P.,Kanpur

LIST OF EXPERTS

List of experts who contributed in revision of curriculum of Two year Diploma course in Garment Technology.

1.	Smt. Usha Birjee	Director	I.R.D.T.,U.P.,Kanpur
3.	Shri J.P. Yadav	Dy.Director	I.R.D.T.,U.P.,Kanpur
4.	Shri R.P.Pathak	head Texit.Tech.	Govt. Polytechnic,Kanpur
5.	Shri Ashraf Ali	Head Computer	I.R.D.T.,U.P.,Kanpur
6.	Shri Lalji Yadav	Head Computer	Govt Polytechnic, Kanpur
7.	Smt. Abha Bhargawa	Asstt.Prof.	G.C.T.I., Kanpur
10.	Shri K.M.Gupta	Asst.Prof.	I.R.D.T.,U.P.,Kanpur
11.	Shri M.P.Singh	Asst.Prof.	I.R.D.T.,U.P.,Kanpur
12.	Smt. Anita Bajpai	Asst.Prof.	I.R.D.T.,U.P.,Kanpur
13.	Shri S.K. Srivastava	Asst.Prof.	I.R.D.T.,U.P.,Kanpur
14.	Smt. Savita Pande	Instructor	Govt. Girls Poly. Lucknow
15.	Smt. Gayatri Saklani	Instructor	Govt. Girls Poly. Lucknow
16.	Miss Nafeesha Fatima	Instructor	Govt. Girls Poly. Lucknow
17.	Smt. Suhsma Tewari	Jr.Instructor	Govt. Girls Poly. Lucknow
18.	Shri A.P. Singh	Lecturer	I.R.D.T.,U.P.,Kanpur

LIST OF EXPERTS

List of experts who contributed in converting the revised curriculum of Two year Diploma course in Garment Technology into Annual System.

1.	Shri G. S. Bhargava	Director, U. I. D., Kanpur	
2.	Shri R.P.Pathak	Head Texit.Tech.	Govt. Polytechnic,Kanpur
3.	Shri Ashraf Ali	Head Computer	I.R.D.T.,U.P.,Kanpur
4.	Shri Lalji Yadav	Head Computer	Govt Polytechnic, Kanpur
5.	Smt. Abha Bhargawa	Asstt.Prof.	G.C.T.I., Kanpur
6.	Shri K.M.Gupta	Asst.Prof.	I.R.D.T.,U.P.,Kanpur
7.	Shri M.P.Singh	Asst.Prof.	I.R.D.T.,U.P.,Kanpur
8.	Smt. Anita Bajpai	Asst.Prof.	I.R.D.T.,U.P.,Kanpur
9.	Shri S.K. Srivastava	Asst.Prof.	I.R.D.T.,U.P.,Kanpur
10.	Shri Saurabh Agarwal	Lecturer	U. I. D., Kanpur
11.	Miss Nafeesha Fatima	Instructor	Govt. Girls Poly. Lucknow
12.	Shri A.P. Singh	Lecturer	I.R.D.T.,U.P.,Kanpur

NEED ANALYSIS

Clothing is one of the essential requirements of mankind. Various vital parameters such as selection of fabric, drafting and design, pattern making and cutting, stitching and finishing are associated with clothing construction. These parameters are further influenced by geographical situations, climatic conditions, occasions age and sex etc. Basically the curriculum for two years diploma course in Costume Design and Dress Making was designed to develop skill component in the girls for domestic applications. Embroidery and knitting was given considerable emphasis in the curriculum.

By and by the costume designing and dress making took an industrial shape and fashion awareness in the people of every age and sex promoted the industry of ready made garments. Mass Production for various usual wears for men, women and children started with more economy in the cost. On account of tremendous increase in the ready made garments various export houses and mass production units came into existence who looked for well trained personnel in the area of fabric selection, production planning, quality control, shop floor supervision, finishing, packaging display and marketing.

The need for the revision of curriculum was felt to equip the diploma holder in costume Designing and Dress Making with latest technology in the field of draping, garment merchandising, care and upkeep of various machines tools and equipments used in special and mass production. They will also be provided with adequate knowledge in the field of selection of fabrics, creativity development through project, estimation of the cost of finished goods, various accessories required and their proper selection.

PROFILE DEVELOPMENT

The job of revision of curriculum in Costume Design and Dress Making was undertaken by the Institute of Research Development and Training U.P. Kanpur to make it more job oriented and needbased. Changes and developments on account of technological upgradation in machine and material have been taken into consideration in the revision of curriculum. The input qualification for the course is 10+ with an aptitude test as before.

Following steps were taken in the revision of curriculum..

1. An instrument for getting information about job potential/job opportunities man power assessment both present and projected was designed and sent to various costume designing units/personnels/teaching institutions.
2. The feed back received was not satisfactory so feed back was collected through mutual interaction with entrepreneurs, experts of the field and business organisations.
3. The feed back was analysed in a work shop and course outline was formulated.
4. The detailed course contents were developed in a workshop by mutual interaction among experts of the field and industry.
5. Effort has been made to increase placement potential by introducing new subject areas in the curriculum.

The following logical sequence has been adapted in the revision of curriculum.

- Listing job potential and activities done in various jobs.
- Analysing activities into knowledge and skill.
- Determining the course objectives.
- Deriving subjects of study from course objectives.
- Horizontal and vertical organisation of curriculum.
- Detailing of course content for each subject.
- Formulation of study and evaluation scheme.
- Determination of resource input in terms of human resource (Staff requirement) physical resources

(space, equipment) and information resources (Books, Magazines Video films, slides etc.)

It is hoped that this curriculum if implemented in right spirit in polytechnics will produce competent and right type of middle level man power for Costume Designing & Dress Making industry.

I JOB POTENTIAL

Before taking up the assignment for revision of curriculum a preliminary survey regarding job potential and manpower assessment was conducted. It was revealed that diploma passouts were either engaged in some entrepreneurial jobs or their life style has changed due to post marriage reasons. The employment potential was almost negligible.

The strategy for curriculum revision was structured keeping in view the following considerations.

- Sufficient entrepreneurship development knowledge and information be provided to the student to help her/him become a good entrepreneur.
- An awareness be developed to wards display and exposure in the society in the selection of fabrics colour combinations, proper use of assessories and maintenance and upkeep of garments.
- Adequate knowledge in the operation of machines, tools and equipments be provided to make her/him familiar with industrial atmosphere.
- Sufficient knowledge and skill be provided in the selection, production planning, shop floor supervision, upkeep of machines, toos and equipments and quality control of mass production.
- Free lancing activities such as selection of trimmings, article writing and advertising activities.
- Marketing of finished goods, packaging and other related activities.
- Research and Development.
- Computer awareness

BACK GROUND INFORMATION REGARDING COSTUME DESIGNING INDUSTRY:

Mass production of costumes was carried out in certain big organisations and Govt. departments such as Army, Navy, Airforce, Police, Private Organisations, Schools and similar other organisations. Once the cloth & design was, selected finally the only variable remained various sizes Production on mass scale was mainly for gents and children dresses. The people engaged in these jobs were mainly male and selection of fabric and its colour was according to the profession for which mass production was done. The business of costume designing and dress making took an industrial shape with manufacturing of some usucl,

playtime and special activity based wear which resulted in enthusiastic sales potential. The increased demand for ready made garments paved the way for manufacturing of costumes of various designs and fashions for all age groups and sex. Many boutiques and export houses came into existence.

ASSESSMENT OF JOB POTENTIAL

A few years back job potential in the field of costume designing and dresses making was very limited. People from allied skill oriented trades like cutting and tailoring were engaged in mass production units. Girl candidates were trained in this diploma course with a view to promote household craftsmanship. Some dynamic pass outs started their own entrepreneurial units. The employment potential for girls was not very good.

With the increase of export in ready made garments many boutiques and export houses came into existence who looked for talented trained middle level manpower to assist them in various fields of costume designing and mass production. At present job potential is bright for passouts of costume designing.

II JOB ACTIVITIES

Three areas were identified in which a diplomaholder in costumedesign and dressmaking can begin his/her carrier.

1. Employment
2. Entrepreneurship
3. Free lancing

The detailed job description under each of the above may be summerised as bellow-

(1) Employment:

- (i) Fashion merchandising
- (ii) Asstt. designers
- (iii) Production planning and control
- (iv) Sampling and supervision
- (v) Shop floor supervision
- (vi) Maintenance and upkeep of equipments, tools and machines
- (vii) Shop floor supervision
- (viii) Fashion accessories design
- (ix) Costume designing institutions
- (x) Fashion museums
- (xi) Organising fashion shows
- (xii) Research and development

(2) Entrepreneurship

- (i) Boutiques
- (ii) Fabricators
- (iii) Fashion ancillaries
- (iv) Designer creations exclusive
- (v) Mass production
- (vi) Fashion specialisation
- (vii) Costume design and production

(3) Free lancing

- (i) Magazine designers
- (ii) Fashion exhibitions
- (iii) Window display
- (iv) Consultancy
- (v) Fashion shows

III ACTIVITY ANALYSIS/JOB DESCRIPTION

(A) Employment

1. Sales Representative:
 - + a) Product knowledge.
 - b) Sales skill
 - c) Dynamism & personality.
 - d) Marketing techniques.

2. Assistant Designer:
 - 1) Practicalities:
 - a) Climatic.
 - b) Market availability
 - c) Fashion cycle
 - d) Consumer demand

 - 2) Planing:
 - a) Anthropometry.
 - b) Sketching.
 - c) Colour scheme.
 - d) Fabric selection.
 - e) Trimmings.
 - f) Pick-up pattern.

 - 3) Drafting & Layout
 - a) Equipment & materials.
 - b) Basic measurements.
 - c) Scale choice.

3. Sampling & Supervision:

Sampling

 - i) Checking of sizes.
 - ii) Fabric defects
 - iii) Stitching.
 - iv) Tension.

Finishing

 - i) Tread cutters.
 - ii) Stains & stops
 - iii) Ironing.

4. Fashion Accessory Designs:
 - a) Footwear.

- b) Belts.
- c) Jewellery.
- d) Bags.
- e) Head gear.

5) Teacher

Curriculum and related fields.

6) Fashion Co-ordinator:

Business management

7) Research & Development:

- a) History of fashion.
- b) Market surveys.

8) Fashion Museums:

- a) History.
- b) Preservation
- c) Collection
- d) Display.

(B). Entrepreneurship:

1. Boutiques:

- a) Market familiarity
- b) Business management
- c) Equipment
- d) Designer creations
- e) Fabrication
- f) Display

2. Fabricators:

- a) Large scale production.
- b) Small scale Production.
- c) Job order production.

3. Fashion Ancillaries:

Garment ornamentation.

4. Specialisation:

- a) Fashion trends
- b) Fashion classification

(C) Free Lancing:

1. Magazine Designer:

- a) Sketches.
 - b) Model patterns.
 - c) Fashion newswriter.
2. Exhibitions:
- a) Market trends
 - b) Business management
 - c) Designer creations
 - d) Ambiance
 - e) Display
3. Fashion Shows:
- As above under exhibitions from (a) to (j)
- b) Live display
4. Window Display
- a) Theme
 - b) Colour
 - c) Placement

IV CURRICULUM OBJECTIVES

- 1 To develop understanding of various types of fabrics their selection and utility.
2. To impart working knowledge of handling, maintenance & care of equipment and implements used in costume design & dress making.
3. To train the students to equip themselves fully with technique of dress designing & dress making.
4. To acquaint the students with various techniques of business management to acquire the managerial and coordinating qualities.
5. To impart knowledge to the students in the field of entrepreneurshship development.

V DERIVING CURRICULUM AREAS FROM COURSE OBJECTIVES

Course Objectives	Curriculum Areas
1. Manage the production of different garments (children, ladies, gents and special types) on the shop floor	<ol style="list-style-type: none"> 1. Industrial machines tools and equipments. 2. Production and planning. 3. Human relations and industrial relations. 4. Fabrication process 5. Design ideas 6. Communication.
2. Design, draft, prepare patterns and grade into different sizes.	<ol style="list-style-type: none"> 1. Costume designing 2. Drafting & layout 3. Pattern making/style reading 4. Textile fabrics
3. Selection of fabrics	<ol style="list-style-type: none"> 1. Textile fabrics
4. Prepares economic layout, estimation of cloth requirement and cutting.	<ol style="list-style-type: none"> 1. Estimating & costing
5. Fabricates various types of garments made to measure and mass production for all age and figure types.	<ol style="list-style-type: none"> 1. Fabrication techniques 2. Trimming.
6. Undertake quality control and inspection of various types of garments.	<ol style="list-style-type: none"> 1. Quality control
7. Undertake packing and presentation of garments.	<ol style="list-style-type: none"> 1. Finishing and presentation, packing
8. Organise a small garment fabrication business	<ol style="list-style-type: none"> 1. Entrepreneurship development. 2. Business Management.

1. Textile Science
2. Costume designing
3. Drafting and pattern layout I & II
4. Fabrication techniques & trimming
5. Business management and entrepreneurship development.
6. Industrial machines tools & equipments.
7. Professional Communication
8. Dress Design I
9. Project
10. Embroidery
11. Knitting
12. Basic design & Drawing
13. Computer Principle and Application

Year wise distribution of papers

I YEAR

- 1.1 Professional Communication
- 1.2 Industrial Machines, Tools & Equipments
- 1.3 Basic Design & Drawing
- 1.4 Textile Science
- 1.5 Drafting & Pattern Layout I
- 1.6 Costume Design & Fabrication I
- 1.7 Embroidery
- 1.8 Computer Principles

II YEAR

- 2.1 Business Organisation & Entrepreneurship Dev.
- 2.2 Drafting & Pattern Layout-II
- 2.3 Costume Design & Fabrication II
- 2.4 Dress Design I
- 2.5 Knitting
- 2.6 Cad for Costume
- 2.7 Project
Field exposure

I YEAR

1.1 PROFESSIONAL COMMUNICATION

[Common to All Engineering/Non Engineering Courses]

L T P
3 - 2

Rationale:

Communication forms an important activity of diploma holder. It is essential that he/she should be in a position to communicate in writing and orally with superiors, equals and subordinates. This subject aims at providing working knowledge of languages like Hindi and English so as to train the students in the art of communication. It is suggested that maximum attention should be given in developing Communication abilities in the students while imparting instructions by giving maximum emphasis on practice.

Sr.No.	Units	Coverage time		
		L	T	P
1.	Introduction to communication methods meaning, channels & media written and verbal.	5	-	-
2.	Development of comprehension of English & Hindi through study of text material & language exercises.	20	-	-
3.	Development of expression through			
	A. Letters (English & Hindi)	10	-	-
	B. Report writing (English) Note making and minutes writing	10	-	-
4.	Composition	10	-	-
5.	Grammar	20	-	-
		75	-	50

1. PART I : COMMUNICATION IN ENGLISH

1.1 Concept of communication, importance of effective communication, types of communication, formal, informal, verbal and nonverbal, spoken and written. Techniques of communication, Listening, reading, writing and speaking, Barriers in communication, Modern tools of communication- Fax, e-mail, Telephone, telegram, etc.

1.2 Development of comprehension and knowledge of English

through the study of text material and language exercises based on the prescribed text book of English.

1.3 Development of expression through:

1.3.1 Letters :

Kinds of letters:-

Official, demi-offical, unofficial , for reply or in reply, quotation, tender and order giving letters. Application for a job.

1.3.2 Report writing and Note making and minutes writing.

1.4 Grammer : Transformation of sentences, Preposition, Articles, Idioms and Phrases, One word substitution, Abbreviations.

1.5 Composition on narrative, descriptive, imaginative, argumentative, discussion and factual topics.

2. PART II : COMMUNICATION IN HINDI

2.1 Development of comprehension and knowledge of Hindi usage through rapid reading and language exercises based on prescribed text material developed by IRDT.

2.2 Development of expression through ;

Letter writing in Hindi:

Kinds of letters:-

Official, demi-offical, unofficial , for reply or in reply, quotation, tender and order giving letters, Application for a job.

- (1) Paper should be in two parts, part I - English and part II Hindi.

COMMUNICATION AND PRESENTATION PRACTICES

1.A. Phonetic transcription

B. Stress and intonation :

(At least 10 word for writting and 10 word for pronunciation)

2. ASSIGNMENT : (Written Communication)

Two assignment of approximately 400 word each decided by the teachers.

SUGGESTED ASSIGNMENTS :

1. a picture/photograph
2. an opening sentence or phrase
3. a newspaper/magzine clipping or report

4. factual writing which should be informative or argumentative.
3. Oral Conversation:
 1. Short speeches/declamation : Bid farewell, Felicitate somebody, Celebrate a public event, Offer condolences
 2. Debate on current problems/topics
 3. Mock Interview : Preparation, Unfolding of personality and Expressing ideas effectively
 4. Group discussion on current topics/problems
 5. Role Play/ general conversation : Making polite enquiries at Railway Station, Post Office, Banks and other Public places, Replying to such enquiries, enquiring about various goods sold in the market and discussing their prices. Complaining about service at Hotel, restaurant, Offering apologies in reply to such complaints, complain to a company about a defective product you have brought, reply to such complaints.
 6. Presentation skill, Use of OHP and LCD.

4. Aural :

Listening to conversation/talk/reading of short passage and then writing down the relevant or main points in the specified number of words and answering the given questions

The assignments/project work are to be evaluated by the internal/ external examiner. The distribution of 30 marks e.g.

- 10 marks for assignment (Given by subject teacher as sessional marks)
- 10 marks for conversation and viva-voce
- 10 marks for phonetic transcription

STRUCTURE OF PROFESSIONAL COMMUNICATION PAPER

Distribution of Marks

Theory Paper : 50 Marks
 Sessional : 20 Marks
 Practices : 30 Marks

- Q1. Question based on the topics prescribed text material will be set to test the candidates ability to understand the content, explain words and phrases, making sentence of given words and ability to summarise will be included. All questions will have to be answered.

- A. from English Text Book 10 Marks
- B. from Hindi Text Book 5 Marks

- Q2. Candidates will be required to write one letter (English)

and one letter in (Hindi) from a choice of two -

- A. English Letters 5 Marks
- B. Hindi Letters 5 Marks

Q3. Report Writing on given outlines 5 Marks

Q4. There will be a number of short answer questions to test the candidates knowledge of functional grammar, structure and usage of the language. All the items in this question will be compulsory. The grammar questions has four parts -

(Total Part: A For 5 Marks, B For 3 Marks, C For 3 Marks and D For 4 Marks)

A. This part of the question has to do with the transformation of sentences. English uses several patterns of sentence formation and the same meaning can be expressed by several patterns e.g. Active to Passive voice and vice versa, Direct to Indirect and vice versa, Reframing sentences by changing part of speech e.g. Noun to Adjective, Interchanging degree of comparison.

Interchanging Moods - Affirmative to Negative, Assertive to Interrogative or to exclamatory

B. The second part usually requires blanks in a sentence to be filled in with a suitable preposition and articles.

C. The third part is usually an exercise on tenses.

D. The fourth part concerns with one word substitution and abbreviation, uses of idioms and Phrases.

Q5. COMPOSITION : (About 300 Words) (5 marks)

Candidates will be required to select one composition topic from a choice of five. The choice will normally include narrative descriptive, argumentative, discussion and factual topics. The main criteria by which the composition will be marked are as follows

A. the quality of the language employed, the range and appropriateness of vocabulary and sentence structure the correctness of grammatical construction, punctuation and spelling.

B. The degrees to which candidate have been successfully in organising both the composition as a whole and the individual paragraphs.

1.2 INDUSTRIAL MACHINES TOOLS & EQUIPMENTS

L T P
2 - 4

Rationale:

The objective of this paper is to acquaint the students with different types of machines their attachments, adjustments and maintenance procedure. The students also become familiar with tools and equipments used in dress designing industry.

Sl.No.	Topics	Coverage Time		
		L	T	P
1.	Machines	8	-	
2.	Attachments	8	-	
3.	Special purpose basic machines	8	-	
4.	Machine adjustments	8	-	
5.	Maintenance & care of machines	10	-	
6.	Tools & equipments	8	-	
		50	100	

Machines:

1. Main types of stitching machinery and their uses in garment assembly.
2. General purpose sewing machine
Construction and working of sewing machines-hand operated, treadle operated and electric motor operated. Function of each part of sewing machine, sewing machine feed mechanism.
3. Attachment: (Elementary idea of operation)
Trucker's, laminer, seam guide, builders, quitters, button

hole attachment, folders, trimmers, stackers, needle positioning motors, piler feeds, metering devices.

4. Principles of operation of special purpose/basic machines:

Lockstitch, chainstitch, overlock, blindstich, button hole, and button stitching machines, long stitching machine, zig zag machine double needle machine, double needle arm stitching machine, tacking machine, blind stitch machine, polythene stitching machine, floating needle machines, presses, fusing presses, cutting and laying up machines.

5. Machine adjustments and effect of these adjustments.

6. Maintenance of Machines:

Necessity for preventive, periodic and correcting maintenance. Cleaning and lubrication of ordinary sewing machines and special purpose basic machines. Type of lubricating oil used. Maintenance (ie cleaning lubrication and adjustment) schedules.

Common defects which occur in sewing machines, basic and special purpose machines.

Trouble shooting and rectification of minor defects.

Tools and Equipments:

1. Cutting equipments:

Use and care of scissors, shears, pinking scissors.

2. Sewing Tools:

Use and care of needles, pins, thimble, tape measure, ruler, square adjustable gauge, skirt makers, yard, stick, french curve.

3. Marking Tool:

Use of tracing paper, tracing wheel, tailors chalk.

4. Miscellaneous Tools:

Bobbin, button hole scissors, eyelits, electric iron, steam iron, coal iron, blow forms, hoffman presses.

Industrial Machines Tools and Equipments Practicals

1. Dismantling and assembly of hand operated sewing machine.
2. Dismantling and assembly of a treadle operated sewing machine.
3. Operation, cleaning, lubrication and adjustments of overlock machine.
4. Operation, cleaning, lubrication and adjustments of button hole stitching machine.
5. Operation, cleaning, lubrication and adjustments of long stitch machine.
6. Operation, cleaning, lubrication and adjustments of double needle machine.
7. Operation, cleaning, lubrication and adjustments of zig zag machine.
8. Operation cleaning lubrication and adjustments of arm stitching machine.

Rationale:

The objective of this paper is to equip the students with different types of lines shapes ,colour schemes and sketching of various fashion figures on drawing sheets for exposure in the market.

Sl.No.	Topics	Coverage Time		
		L	T	P
1.	Lines and shapes	8	-	
2.	Colour	8	-	
3.	Sketching	9	-	
		25		125

1. Lines and Shapes

- 1.1 Introduction to art material and tools
elements and principles of art w.r.t. clothing.
- 1.2 Different types of lines
 - a- Thick and thin lines
 - b- Wavy lines
 - c- Straight lines
 - d- Horizontel, vertical, Diogonal Lines
- 1.3 Geometrical shapes
 - a- Circle
 - b- Square
 - c- Triangle
 - d- Rectangle
- 1.4 Basic shapes modified to different designs through

line, form, colour and texture.

- 1.4.1 Balance and harmony in designing
- 1.4.2 Optical illusion created by lines

2. Colour

- 2.1 Introduction to colour theory
- 2.2 Rainbow colour
- 2.3 Primary, secondary, sub secondary and tertiary
- 2.4 Warm and cool colours
- 2.5 Opaque and transparent colours
- 2.6 Tints and shades
- 2.7 Colour mixing, colour schemes and colour combinations
- 2.8 Colour in relation to figure proportion.

3. Sketching

- 3.1 Drawing of faces, arms and legs in different positions and angles
- 3.2 Sketching of human figures in different postures with pencil.
- 3.3 Model sketchings
- 3.4 Pencil sketching of figures with different dresses.
- 3.5 Detail study in pencil with light and shade of different types of folds, gathers and shapes of fabrics in dresses.
- 3.6 Study in colour the different types of dresses.

EXERCISES

1. Colour wheel

Make colour wheel showing the following colours :

Primary, secondary, sub secondary and tertiary.

2. Make a composition of two figures using warm and cool colours.
3. Show tints and shades of the three primary colours.
4. Make compositions using different colour schemes and colour combinations.
5. Compose different figures using colours to create optical illusion.
6. Draw different kinds of lines on a sheet in 10 cm X 10 cm squares:
 - (i) thick to thin lines
 - (ii) Wavy lines
 - (iii) Straight lines
 - (iv) Horizontal, vertical and diagonal lines.
7. Draw a scrawly pattern filling the spaces with dots and lines.
8. Make composition using the individual shapes and combination of geometrical shapes.
9. Create an impression of optical illusion using geometrical shapes and lines.

NOTE: More exercises can be performed in the class room after aproval of concerning H.O.D.

1.4 TEXTILE SCIENCE

(Common with Two Yr. Garment Technology, Three Yr. Fashion Designing diploma course)

L T P
3 - 4

Rationale:

A diploma holder in Fashion Designing, has to interact with skilled labour on one hand and he/she has to assist his/her seniors in the procurement of raw materials and various types of fabrics on the other. Therefore he/she should be equipped with the technique of selecting textile and synthetic fibres by visual inspection and laboratory tests, processing of fabrics, dyeing of fabrics etc.

Sl.No.	Topics	Coverage		
		L	T	P
1.	Textile fibres	12	-	-
2.	Yarn construction	12	-	-
3.	Woven Fabric construction	12	-	-
4.	General processing of fabrics	12	-	-
5.	Dyeing	9	-	-
6.	Surface design of fabrics	9	-	-
7.	Selection of fabrics	9	-	-
		75	-	100

1.	Textile Fibres			
1.1	Classification of textile fibres and their general & essential properties.			
1.1.1	Natural fibres			
	- Animal			
	- Vegetable			
	- Mineral			
1.1.2	Man made Fibres			
	(a) Regenerated fibers.			
	- Rayons (Viscose, Acetate, Cupramonium)			
	(b) Synthetic fibers.			
	- Nylon			
	- Polyester (Terelene/Decron)			
	- Acrylic (Orlon)			
1.2	Identification of textile fibres			
1.2.1	Visual inspection			
1.2.2	Burning test			
1.2.3	Microscopic identification			
1.2.4	Chemical test (elementary)			
1.2.5	Elementary knowledge of blends			

2. Yarn Construction
 - 2.1 Classification of yarns and their types.
 - 2.2 Elementary knowledge of different processes involved in the conversion of fibres into yarn and characteristic features of yarn.

3. Woven Fabric Construction
 - 3.1 Classification of woven fabrics
 - 3.2 Elementary knowledge of different processes involved in the conversion of yarn into fabric.
 - 3.3 Weaves.
 - (ii) Types of weaves
 - A: Simple: weaves
 - Plain weave and its derivatives .
 - Twill weave and its different forms.
 - Satin weave
 - B: Special weave
 - Diamond, Huck-a-back, Honey comb and crepe.
 - Gauze/Leno
 - Terry Pile
 - Warp pile (velvet)
 - Weft pile (velveteen)
 - 3.4 Basic idea of Braiding, net, lace, felt and non woven.
 - 3.5 Fabric count (Weight of fabric)

4. General processing of fabrics (elementary treatment)
 - 4.1 Need for fabric processing
 - 4.2 Scouring
 - 4.3 Bleaching
 - 4.4 Mercerizing
 - 4.5 Sanforizing
 - 4.6 Tentering
 - 4.7 Calendering
 - 4.8 Beetling
 - 4.9 Napping
 - 4.10 Acid finish
 - 4.11 Crease resistance finish.
 - 4.12 Moth proof
 - 4.13 Flame proof
 - 4.14 Water proof

5. Dyeing
 - 5.1 Classification of dyes

a : Natural Dyes

- Vegetable
- Animal
- Mineral

b: Synthetic dyes

- Acetate
- Acid
- Basic
- Direct
- Sulphur
- Vat
- Pigments

5.2 Batik

5.3 Tie and dye

5.4 Factors which effect fading of dyed fabrics

- (i) Light
- (ii) Humidity
- (iii) Perspiration
- (iv) Gas fumes
- (v) Laundering
- (vi) Heat

6. Surface Designs of fabrics

6.1 Printing

- a- Block printing
- b- Screen printing
- c- Roller printing

7. Selection of fabrics

- 7.1 Suitability with respect to figure, fashion, climate, age, sex, profession
- 7.2 Cost
- 7.3 Care

TEXTILE SCIENCE PRACTICALS

1. Identification of fibres. (Natural & Man made fibres)
2. Market survey to study different types of commercial fabrics and their sample collection.
3. Study of fabric structure to identify basic weaves.
4. Study of fabric count (Weight of fabric).

5. Exercises in proper selection of fabrics for any given garment or style.
6. To prepare an article in
 - Batik
 - Tie and dye
 - Block printing
 - Screen printing
7. To visit cloth manufacturing factories and prepare a report.

1.5 DRAFTING AND PATTERN LAYOUT I

(Common with Two Yr. Garment Technology, Three Yr. Fashion Designing diploma course)

L T P
1 - 5

Rationale:

This paper will make students familiar with human anatomy, measurement methods, measurement charts, difference between paper pattern and drafting, figure types and figure defects. The student will also be equipped with the knowledge of operation of equipments used in drafting.

Sl.No.	Topics "	Coverage Time		
		L	T	P
1.	Scope and importance of drafting	3	-	-
2.	Human anatomy	6	-	-
3.	Measurement methods	4	-	-
4.	Measurements chart/Anthropometry	6	-	-
5.	Paper pattern and drafting	3	-	-
6.	Figure Types & defects	3	-	-
		25	-	125

1. Scope and importance of drafting and layout, terminology, drafting equipment and its use, types of layout.

2. Human Anatomy:
Study of human body with reference to skelton, muscles, joints, organs, growth of body, various considerations in making of cloth.

3. Measurement methods:
Various methods of taking measurements on the body.
taking measurements of over garments. Sequence of recording

measurements.

4. Measurement charts/Anthropometry:
Study of measurement charts, study of human proportions, eight head theory, its principle and application.
5. Difference between paper pattern and drafting.
6. Different figure types and figure defects.

Drafting and Pattern Layout Practical

1. Exercise on observation of different types of bodies.
2. Practice in drafting, layout and estimation of different types of children wears -sunsuit, simple frock/frock with smoking, umbrella cut frock, combination suits.
3. Practice on:
 - a- Taking measurements directly from body.
 - b- Taking measurements from ready garments.
 - c- Taking measurements from block patterns.
4. Practice on drafting, layout and estimation for ladies garments viz. ladies shirts, salwars, blouse, pajama.
5. Practice on drafting, layout and estimation for gents garments viz., shirt, half pants.

1.6 COSTUME DESIGNING & FABRICATION-I

(Common with Two Yr. Garment Technology, Three Yr. Fashion Designing diploma course)

L T P
1 - 5

Rationale:

The objective of this paper is to make students familiar with selection and matching the thread with fabrics, basic stitches, seams, decorative stitches, different types of plackets, design and putting in different types of pockets, waist bands, sleeves, collars and fasteners etc.

Sl.No.	Topics	Coverage Time		
		L	T	P
1.	Selection and matching of thread with fabric	4	-	-
2.	Basic stitches	4	-	-
3.	Seams	4	-	-
4.	Decorative stitches	2	-	-
5.	Plackets	2	-	-
6.	Waist bands	2	-	-
7.	Pockets	2	-	-
8.	Sleeves	2	-	-
9.	Collars	2	-	-
10.	Fasteners	1	-	-
		25	-	125

1. SELECTION & MATCHING OF THREAD :

Selection and matching the thread and needle with the fabric. Selection of temperature and type of presses to be used for various fabrics.

2. BASIC STITCHES :

Basic stitches with hand and sewing machine, casting, marking, running, button hole, heming, individual heming, back stitch, half back stitch, blind stitch, cross stitch, padding, types of tacking, their use, construction and faults.

3. SEAMS :

Seams with hand and machine; plain, french, flat, lapped, crossed, curved, angled, pinking, overbase, binding, etc., finishing of seams.

4. DECORATIVE STITCHES :

Decorative stitches, their utility, selection of decorative threads.

5. PLACKETS :

Types of plackets.

6. WAIST BANDS :

Waist bands - Pleating measuring and making from modern selected garments.

7. POCKETS :

Pockets making up and putting in

8. SLEEVES :

Sleeves - Making up and putting in; different types.

9. COLLARS :

Collars - Basic types and fixing of collars.

10. FASTENERS

Putting in different types of fasteners.

COSTUME DESIGNING AND FABRICATION I PRACTICALS

1. Demonstration of use of different types of presses on

various fabrics.

2. Demonstration of basic stitches with hand and sewing machine.
Making samples showing different seams, seam finishes, fasteners, plackets.
3. Demonstration of different types of seams.
4. Selection and demonstration of decorative stitches.
5. Cutting and stitching of different types of collars and sleeves.
6. Practice on fabrication of dresses studied in drafting and pattern layout-I subject.

1.7 EMBROIDERY

(Common with Three Yr. Fashion Technology, Two Yr. Garment Technology, Three Yr. Fashion Designing diploma course)

L	T	P
1	-	5

Rationale :

Embroidery is a process of adding design and decoration to the fabric surface. It holds significant importance in fashion wears for children and women. so it can not be ignored in fashion designing curriculum.

Note :

Lecturer/Demonstration will go along followed by practice during practical periods. At least 20 exercises (Patterns) of different kinds relevant topics in the paper. Student should be given demonstration of these exercises on computer also.

TOPIC WISE DISTRIBUTION OF PERIODS

Sl.No.	Units	Coverage Time		
		L	T	P
1.	Introduction (Topics 1,2)	3	-	-
2.	Embroidary			
	I. Hand Embroidary	7	-	-
	II. Machine Embroidary	6	-	-
3.	Preparation of articles	9	-	-
		25	-	125

DETAILED CONTENTS

1. INTRODUCTION :
 - A. Introduction of the appropriate tools, machines and materials for hand and machine embroidery work.
 - B. Knowledge of tracing design on various types of embroidery materials.
2. EMBROIDARY :

Prepare a file of the following embroidery samples with their characteristics, special features and uses.

 - (I) HAND EMBROIDERY :

- (i) Basic stitches (Including variations) - stem stitch, Back stitch, Chain stitch, Buttonhole stitch, Satin stitch, Long & Short stitch, Herringbone stitch, french knots, Couching, Darning-stitch, Feather-stitch, Cross-stitch.
- (ii) FANCY EMBROIDERY WORK :
 - (a) Applique work (Blind, Net, lace, figure appliques)
 - (b) Patch work
 - (c) Bead work
 - (d) Ribbon work
 - (e) Punch work
 - (f) Black work
 - (g) Laid work
 - (h) Zari work
 - (i) Shadow work
 - (j) Quilting
 - (k) Smocking
- (iii) TRADITIONAL INDIAN EMBROIDERY :
 - (a) Kashmiri
 - (b) Phulkari
 - (c) Chicken Kari
 - (d) Sindhi mirror embroidery
 - (e) Kantha
- (II) MACHINE EMBROIDERY :
 - (i) BASIC STITCHES :
 - Running stitch, Round stitch, Eyelet stitch, Cording, Satin stitch, Long & Short stitch
 - (ii) TYPICAL EMBROIDERY :
 - (a) Quilting

3. PREPARATION OF ARTICLES USING ABOVE SKILLS

1.8 COMPUTER PRINCIPLES

(Common with Three Yr. Fashion Technology, Two Yr. Garment Technology, Three Yr. Fashion Designing diploma course)

L T P
2 - 4

Rationale:

For any specific application of computer some basic knowledge about computer relevant to that specific use, is necessary. The present paper means the same for CAD.

Sl.No.	Topics	Coverage Time		
		L	T	P
1.	Basic trend in PC Technology	2	-	-
2.	Hardware Configurations Key Board, System Unit, V.D.U. etc.	2	-	-
3.	Boolean Algebra	2	-	-
4.	Data Presentation	2	-	-
5.	Component Organisation :CPU, Memory,	2	-	-
6.	Standard I/O	2	-	-
7.	Memory Organisation	4	-	-
8.	Communication	2	-	-
9.	Operation Systems	-	-	-
	Essential Commands of :			
	A. DOS	4	-	-
	B. UNIX	4	-	-
10.	Programming Language :			
	A. BASICA	4	-	-
	B. PASCAL/C/C++	4	-	-
11.	Graphics	8	-	-
12.	CAD - Introduction.	8	-	-
		50	-	-

COMPUTER PRACTICE

1.	Programme implementation in :	
	A. BASICA	20
	B. PASCAL/C	20
2.	Graphics	16
3.	Practice on CAD	12
4.	Programme Simulation for Control Operations	8
5.	Practice of Ex.3 & 4 of paper 2.9 Mech. Engg. Drawing	24
		100

II YEAR

2.1 BUSINESS ORGANISATION & ENTREPRENEURSHIP DEVELOPMENT.

(Common with Two Yr. Garment Technology, Three Yr. Fashion Design and Two Yr. Fashion Design diploma course)

L T P
2 1 -

Rationale:

The objective of this paper is to make the students familiar with entrepreneurship development, small scale industries, financial management, marketing techniques, industrial management, banking and postal information etc.

Sl.No.	Topics	Coverage Time		
		L	T	P
1.	Introduction	4	2	-
2.	Small scale industries	10	5	-
3.	Financial management	10	5	-
4.	Marketing Techniques	9	5	-
5.	Industrial management	9	4	-
6.	Project identification	4	2	-
7.	Export management	4	2	-
		50	25	-

1. Introduction :

Entrepreneur, entrepreneurship, its meaning & importance, qualities of an entrepreneur, entrepreneur motivation training, achievement planning.

2. Small scale industries :

Role and importance of small scale industries, village industry, tiny industry, small scale and ancillary industry. General principles of organisation and management nature, types and functions.

3. Financial Management :

Estimating and costing, financial institutions for land, infrastructure, machinery and raw materials.

4. Marketing Techniques :

Project selection based on market survey, demand and supply estimation product life cycle. Basic concept of marketing and salesmanship.

5. Industrial Management :

General cleanliness and supervision, preparing salaries and wage bills, proper stores, studying purchase requirements, maintenance of stock and stock books, receipt and issue of stock. Working capital management, personnel management, Book keeping, balance sheet, break even analysis.

6. Project identification, analysis and report writing.

7. Export Management : Documentation, Procedures and brief introduction of export promotion organization.

2.2 DRAFTING AND PATTERN LAYOUT-II

(Common with Two Yr. Garment Technology, Three Yr. Fashion Design and Two Yr. Fashion Design diploma course)

L T P
2 - 6

Rationale:

The objective of this paper is to acquaint the students with the correct use of equipments , draping cloth in to styles pattern making for commercial and individual designing.

Sl.No.	Topics	Coverage Time		
		L	T	P
1.	Need and use of equipment	8	-	-
2.	Pattern making	9	-	-
3.	Pattern cutting	9	-	-
4.	Collars	8	-	-
5.	Sleeves	8	-	-
6.	Miscellaneous	8	-	-
		50	-	150

1. NEED & USE OF EQUIPMENT :

Correct need and use of equipment, observing rules of body proportion, use of dummy for draping cloth into styles, use of dummy for making patterns.

2. PATTERN MAKING :

Pattern for individual designing
Pattern for commercial use
Use of Fashion sketches, copy garment margines.

3. PATTERN CUTTING :

Pattern cutting by changing dart location.
Pattern cutting by slashing method.
Pattern cutting by pivot method.

4. COLLARS :

Drafting and Pattern layout of the following Collars
(Drafting, pattern layout and fabrication of open and closed collar)

- (i) Peter pan collar
- (ii) Cape collar
- (iii) Baby collar
- (iv) Bishops collar
- (v) Raised collars
 - Peter Pan
 - Sailors collar
- (vi) Straight Collar
 - Chinese collar
 - Stand and fall collar
- (vii) Draping
 - How to prepare dummies
 - Draping techniques
 - Creating designs by draping.

5. SLEEVES :

(Drafting, pattern layout fabrication of full and half sleeve according to garment).

- (i) Puff sleeve
- (ii) Fancy puff sleeve
- (iii) Leg O mutton sleeve
- (iv) Kimono sleeve
- (v) raglan sleeve
- (vi) Dolman
- (vii) Deep arm hole

- (viii) Two piece sleeve
 - Cap sleeve
 - Magyar sleeve

6. MISCELLANEOUS :

Drafting and pattern layout of:

- a- Different necklines and pockets.
- b- Ladies bodies block
- c- Gents shirts, bush shirts.
- d- Pants and half pants (shorts).
- e- Waiste coats.
- f- Different types of open and closed Collar Coats.

Drafting and pattern layout II- Practicals

Detailed Study / Drafting of garments

- a) Drafting and Pattern layout of adult bodice block
- b) Drafting and Pattern layout of sleeves and different necklines for adults.
- c) Drafting and Pattern layout of different types of Skirts, Shirts, Trousers, Blouse, Choliblouse.

2.3 COSTUME DESIGNING AND FABRICATION-II

(Common with Two Yr. Garment Technology, Three Yr. Fashion Design and Two Yr. Fashion Design diploma course)

L T P
2 - 6

RATIONALE

The objective of this paper is to familiarise the student regarding fabrication of garments for children and various types of stitches, seams, trimmings, finishing of garments, different types of openings, plackets, fasteners, yokes and fittings etc.

Sl.No.	TOPICS	COVERAGE TIME		
		L	T	P
1.	Fabrication of garments	12	-	-
2.	Openings	11	-	-
3.	Fastners	11	-	-
4.	Yokes and trimmings	10	-	-
5.	Importance of fitting	6	-	-
		50	-	150

1. FABRICATION OF GARMENTS :

Studied in Drafting & Patternlayout II Subject.

2. OPENINGS :

Necessity of opening types - Plain, plackets, side placket, face placket, slit infront, continuous plackets, two part placket, precautions in fabrication of stitches to be used. Specific use of openings in different garments and their checking.

3. FASTNERS :

Necessity and selection of various fasteners, like snap, hooks, various types of fixing, Zips, button, eyelet, nighty

fasteners. Use of Proper colour, size of thread and method of stitching and checking of fixing the fasteners.

4. YOKES & TRIMMINGS :

Necessity and method of fabricating, various types of yokes, use of trimmings, lace piping, smoking, honey comb, pleats and gathers.

5. IMPORTANCE OF FITTING :

Importance of fitting, checking for fitting on figures and dummies. Alterations to be done for correct fitting.

Costume Designing and Fabrication II Practicals

1. Samples of opening in plain fabric, placket stitches.

2. Practice of fixing fasteners.

4. Fabrication of garments studied in Drafting & Patternlayout II Subject.

4. Mass Production:

- Sketching of designs
- Selection of design
- Making its paper pattern
- Mass cutting
- Sticking and finishing
- Marketing

2.4 DRESS DESIGNING-I

(Common with Three Yr. Fashion Technology, Three Yr. Fashion Design, Two Yr. Fashion Design and Two Yr. Garment Technology diploma course)

L T P
1 - 5

Rationale:

The objective of this paper is to familiarise the students with the factors influencing fashion , garment construction according to the figure size , fashion accessories like neck lines, trimmings, collars, sleeves etc.

Sl.No.	Topics	Coverage Time		
		L	T	P
1.	Factors influencing fashion	3	-	-
2.	Figure proportions	3	-	-
3.	Neck lines, trimmings	3	-	-
4.	Collars	2	-	-
5.	Sleeves	3	-	-
6.	Positioning of pockets and yokes	2	-	-
7.	Fixing of cuffs	3	-	-
8.	Lining and interlocking	3	-	-
9.	Darts ,tucks , pleats	3	-	-
		25	-	125

1. FACTORS INFLUENCING FASHION :

Factors influencing fashion; age, sex, physical characteristics, geographical factors, enviromental influences, occasion etc. child/adults/male/female.

2. FIGURE PROPORTIONS :

Proportionate figure, its characteristics, relation of height to girth. Garments balance as applied to normal, abnormal and deformed figure.

3. NECK LINES, TRIMMINGS :

Neck lines: Necessity, stitches, trimming used for different shapes.

4. COLLARS :

Collars: Methods of attaching collars, selection of stitches, precautions for different types of collars, inspection, use of facing.

5. SLEEVES :

Sleeves: Method of fabrication, precautions in fabrication, inspection of sleeve and its fitting.

6. POSITIONING OF POCKETS & YOKES :

Positioning the pockets and yokes: Selection of stitches and threads, precautions in stitching and its inspection.

7. FIXING OF CUFFS :

Precaution and necessity of fixing cuffs, balls, precautions to be used their inspection.

8. LINING & INTERLOCKING :

Necessity of lining and interlining, method of attaching with different types of garments, matching of lining and their inspection.

9. DARTS, TUCKS, PLEATS :

Importance of darts, tucks and pleats for proper fitting, their use in different garments, precautions to be taken, cheking and mode of alterations for proper fitting.

PRACTICALS

1. Prepare folders of the following:
 - a- Lace folder
 - b- Button folder
 - c- Snap button folder
 - d- Hooks and eye holder
 - e- Zip folder
 - f- Traditional embroidery folder
2. Make different types of midi dresses in colour on 1/2 imperial size drawing sheet.
3. Make different types of pants with tops in colour on 1/2 imperial size drawing sheets.
4. Make 10 summer wear with water colours on 1/2 imperial size drawing sheets.
5. On 1/2 imperial size sheet for each group sketch the following:

Group a- Children wear

- (i) Casual
- (ii) Play time
- (iii) Formal
- (iv) Night wear

Group b- Men's wear

- (i) Sports wear
- (ii) Casual
- (iii) Formal

Group c- Women's wear

- (i) Night wear
- (ii) beach wear
- (iii) Salwar kameez
- (iv) Formal western
- (v) Winter wear (Pullovers/knitwear)
- (vi) Coats/Caps
- (vii) Sari blouse
- (viii) Choli blouse

2.5 KNITTING

(Common with Three Yr. Fashion Technology, Two Yr. Garment Technology, Three Yr. Fashion Design and Two Yr. Fashion Design diploma course)

L	T	P
2	-	8

Rationale :

Knitted garments are quite in vogue and their acceptability is growing fast. The objective of the paper is to produce students trained in knitted products who can understand manufacturing technology and commercial influences on product development.

TOPIC WISE DISTRIBUTION OF PERIODS

Sl.No.	Units	Coverage Time		
		L	T	P
1.	Fundamentals of Knitting	7	-	-
2.	Knitting Terminology	7	-	-
3.	Knitting Elements	7	-	-
4.	Hand Knitting	7	-	-
5.	Weft Knitting	7	-	-
6.	Warp Knitting	7	-	-
7.	Computer & Electronics in Knitting	8	-	-
		50	-	200

DETAILED CONTENTS

- FUNDAMENTALS OF KNITTING :
 - Origin and definition of art of knitting .
 - History of knitting.
 - Techniques of knitting.
- KNITTING TERMINOLOGY :

To acquaint with all the terms related to knitting machine and knitted structures
- KNITTING ELEMENTS :

To acquaint with various elements related to knitting machine.
- HAND KNITTING :

1. Basic stitches - Practice of gartu stitch, stocking stitches, plain stitches, Mess stitches, Star stitch basket stitches, rib stitches, fancy rib stitches etc., their characteristics and uses. Correct method of their increasing & decreasing.
 2. Finishing.
5. WEFT KNITTING :
1. Brief idea of weft knitting machine.
 2. Flat and circular knitted structures.
6. WARP KNITTING :
- Brief idea of warp knitting machine, Raschal and Tricot and Knitted structures.
7. COMPUTERISED AND ELECTRONICS IN KNITTING:
1. Introduction to computer and micropocessor application in knitting.
 2. Brief idea of electronics in knitting

LIST OF PRACTICALS (KNITTING)

1. Correct method of holding the Knitting needles, cast on and cast off stitch, Increasing and decreasing stitches finishing the raw edges.
2. Basic knitting by hand and machine.
 - a) Knit stitch, purl stitch, stocking stitch.
 - b) Rib - stitch, Moss or Seed stitch, garter stitch.
 - c) Slip stitch pattern, cable & cross stitch pattern & other fancy stitch.
3. Making ribbons, pom-poms, cords, buttons.
4. Making of different types of simple and fancy buttons holes.
5. Estimation of wool required for various types of garments.
6. Knitting by machine -
Socks, Booties, Cap, Sweaters.
7. Making of samples - by machine- hand.
 - a) Various types of neck lines.
 - b) Sleeves.
 - c) Pockets.
 - d) Plackets.
 - e) Collors.
 - Letter knitting
 - Figure knitting
 - Decorative motifs (Embriodery, beads, lace tec.)
8. Repair and alterations - Samples only. Hand and Machine knit.
9. Design collection/Art portfolio.

2.6 CAD FOR COSTUME

(Common with Two Yr. Garment Technology, Three Yr. Fashion Design and Two Yr. Fashion Design diploma course)

L	T	P
1	-	4

1. MS-Paint
2. Coreldraw5
3. Computer Drafting
4. Coreldraw8
5. Adobe Photoshop
6. Smart Sketch
7. Misc.

Draw basic designs, stick figures, Bodice Block & flesh figures on computer and producing their prints for file collection.

Reproducing colours in patterns (from strips or plaids to figurative designs), in fabrics (such as wool, tweed or cotton twill) under different light conditions (Natural, incandescent or fluorescent) with different dyes with different textures (adding three dimensional depth to colour) and on different type of clothings (showing how finished product will look without needing to assemble it). Taking out prints of above exercises for file.

Practice of creating images and scanning of photographs and modifying them Adding and diminishing effects and changing colours.

Creating three dimensional human figures and fit a design onto the form and make necessary changes in styles of cuffs, collors and sleeves (which are stored in data bank for future reference) and finalise a design.

Misc.: Other latest designing methods.

2.7 DIPLOMA PROJECT

L T P
- - 8

Project paper should be given to students well in advance. The basic theme of the course is design and fabrication of fashion articles and also to learn processes affecting fashion indirectly. viz. Printing, Dyeing, Embroidery, embossing and knitting.

The paper should contain two problems from every section of the course viz. Costume design and Fabrication, Dyeing and Printing, Knitting, Embroidery and Jewellery design. The student shall select any three problems at least one from each section. The problem should have renovating use of design, fabrication and machines, system and processes.

Total marks allotted to project paper is 100. Break up of marks is as given below.

	SESSIONAL	EXAM.
1. Apparel design & fabrication	10	25 (10+10+5)
2. Dyeing and Printing	10	25 (10+10+5)
3. Knitting, Embroidery & Jewellery	10	20 (8+8+4)

Marks shall be awarded on the basis of design/fabrication, Viva and presentation.

STAFF STRUCTURE

Intake of the Course		30
Pattern of the Course		Annual Pattern
1. Principal	1	Degree in Garment Technology As in Fashion Technology.
2. H.O.D.	1	With 6 Yr. experience of garment technology.
3. Lecturer C.T.	1	
4. Lecturer Fine Arts	1	Master of Fine Arts M.F.A.
5. Lecturer Computer	1	
6. Lecturer Garment Manufacturing Technology	1	P.G. Diploma (G.M.T.) OR 3-year diploma in footwear & leather goods manufacturing with 5-year relevent experience.
7. Lecturer Knitwear Design & Technology	1	P.G. Diploma (K.W. D & T)
8. Lecturer Embirodary & Dress Making	1	M.A. Home Science with Embirodary & Dress Making
9. Lecturer Textile Dyeing & Printing	1	B.Tech. Textile Chemistry
10. Computer Programmer	1	
11. Steno Typist	1	
12. Accountant/Cashier	1	
13. Student/Library Clerk	1	
14. Store Keeper	1	
15. Class IV As lab/shop attendents and other works	8	
16. Sweeper		Part time as per requirement
17. Chaukidar & Mali		as per justification

The posts of Chaukidar and Mali will be sanctioned according to the justification of institution. Services of existing staff in other disciplines of the institute may be utilized, if possible.

Note: 1. The Sales counter may be opened in the institute to dispose of manufactured goods of different labs.

2. Staff qualifications will be as already approved by Board of Technical Education.
3. Staff development to teach Business organisation and Entrepreneurship development will be done by the institute.
4. Guest lecture may be organised at suitable times by the institute.

SPACE REQUIREMENT

A.	LAND AREA	NO	M2	
B.	Administrative Block			
1.	Principal's Room	1	30	m2
2.	Steno Room	1	6	"
3.	Confidential Room	1	10	"
4.	Office Room	1	80	"
5.	Library (Comman with other disciplines)	1	150	"
6.	Common Room	1	80	"
7.	Class Rooms	1+1	75	"
8.	Store	1	100	"
9.	Model room	1	90	"
C.	Laboratories / Workshops			
1.	Drafting and pattern layout shop @ 8 sq.m. per student	1	120	"
2.	Textile fabrics Lab @ 8 sq.m. per student	1	120	"
3.	Basic design/Design Ideas room 2 x 60 @ 8 sq.m. per student	1	120	"
4.	Fabrication shop @ 8 sq.m. per student	1	120	"
5.	Embroidery & Knitting shop	1	120	"
6.	Computer Lab	1	60	"

D.	Common Facilities			
1.	Dispensary	1	40	"
2.	Canteen & Tuck shop	1	50	"
3.	Parking space/ Cycle stand with Garrage	1	50	% students
4.	N.C.C. Block	1	70	"
5.	Guest Room	1	30	"
E.	Residential Facilities			
1.	Hostel for Students	1		for 60 girls
2.	Staff Quarters			
	Principal	1		Type IV
	HOD/Warden	2		Type IV
	Sr. Lect./Lect.	2		Type IV
	Technical/ Ministerial Staff	2		Type II
	Class IV	6		Type I
3.	Play ground (Common with other disciplines)	1		-

LIST OF EQUIPMENTS

S.No.	Specification of Equipment	Quantity.	Cost
Pattern Making/Fabrication			
1.	Drafting Tables 1 X 1.5 Meters	8	8000.00
2.	Stools	15	1500.00
3.	Thimble	15	45.00
4.	Pressing Board	5	5000.00
5.	Dressing Mirror 4.5' X 1.5' (with frame & stand)	2	1500.00
6.	Squares Art, Plastic	15	75.00
7.	Hangers General	6 Doz.	200.00
8.	Hangers Wooden	15	200.00
9.	L Squares 12" X 24" (Plastic, Celluloid)	15	1500.00
10.	Long Scale of 1 meter	10	250.00
11.	Seam Openers	10	250.00
12.	Shapers for upper and lower garments	30	1000.00
13.	Pressing Table different shapes & plain	8	8000.00
14.	Spray Gun (For removal of stains)	1	500.00
15.	Electric Cutter	1	3000.00
24.	Button covering machine	2	700.00
16.	Ilet fixing machine	2	500.00
17.	Electric Iron Press (automatic)	4	1200.00
18.	Dummies (Ladies, Gents & Children) Upper and Lower Sizes	15	6000.00
19.	Iron Press heavy	1	200.00
20.	Steam press	1	1000.00

21.	Scissors 9", 10",11"	(15+15+5)	35	1700.00
22.	Button hole scissors 8"		2	70.00
23.	Trimming Scissors 8"		2	300.00
24.	Picking Scissors 10"		2	300.00
25.	Measuring Tape		15	50.00
26.	Display Board 6' x 4'		4	4000.00
27.	Water Boul		15	60.00
28.	Milton Brush		15	200.00
29.	Pico machine		2	3000.00
30.	Cutting Board		2	3000.00
31.	Button fixing Machine		2	2000.00
32.	Ilet maker		2	1000.00
33.	Tracking wheel		15	300.00
34.	Interlocking Machine		1	1500.00
35.	Single Needle Lock Stitch (Comp.) 691		1	
36.	591 Model Singer		2	
37.	792 Singer - Twin Needle Tendam		1	
38.	Single Erect Buttom Hole 299		1	
39.	SPT 2 Pattern Trimmer		1	
40.	Singer Profile Stitch 591		1	
41.	XY Tacker Singer 469		1	
42.	Kansai special - 4 Needle Chain Stitch DLR - 1508		1	
43.	Kansi 4 Needle DFB - 1404 PMD		1	
44.	Kansi 12 Needle DFB 1412 PTVI		1	
45.	PFAFF Backtack - 3336		1	
46.	PFAFF Buttonhole		1	
47.	Rimolde Single Needle - 264-00-KA-18		1	
48.	Ngai Shing - NS-5 Collar Turning		1	
49.	Ngai Shing - Cuff Pressing NS-46		1	
50.	Elna 3 Zigzag		5	
51.	Rimoldi Feed off the arm 164-00-2CA-11		1	
52.	Hemming Mauser special 68-16211-01		1	
53.	Six Needle Chain Stitch PFAFF-5483		1	
54.	Hashima - continous fusing HPM - 600B		1	
55.	Hashima Pocket Creasing 4P-30PS- 600B		1	
56.	Hashima Fusing - 4P-125 Flat Press		1	
57.	Shirt folding ngaishing - NS50		4	
58.	Rimoldi Band Knife cutting machine		1	
59.	Naomoto steam press (3X1)		4	
60.	Rimoldi 3 thread overlock 027		1	

61.	PFAFF Single Needle Lock Stitch	9
62.	Singer Single Needle Lock Stitch	16
63.	Usha Lock stitch machine	1
64.	Singer Merit Lock Stitch Machine	1
65.	Spreading Machine (Eastman)	1
66.	Edge Cutting Machine (Eastman)	1
67.	Staight Knife Machine	1
68.	Pound Knife Machine	

Embroidery and Knitting shop 120 sq m.

Sl.No.	Name of Equipment	Qty Regd.	Unit Cost
1.	Frame Different Size (6", 9",10", 1 steel 1 plastic)	60	3000.00
2.	Salma Adda (4'x3'15', 3'x2'x1.5')		
3.	Ranew Zig Zag Embroidery sewing Machine Model 130 - Motorised	2	20000.00
4.	Sewing machine Traddle (with embroidery attachments)	4	8000.00
5.	Stools	15	1500.00
6.	Electric Iron automatic	4	1500.00
7.	Dressing Table with Glass	4	3500.00
8.	Knitting Machine Card system and plain	2	12000.00
9.	Usha Janome - Wonder Stitch	4	40000.00
10.	Singer Fashion Maker with special attachments and electric motor	4	28000.00
11.	Embroidery Scissors 4" plate and pointed	20	250.00
12.	Embroidery scissors 9"	8	600.00
13.	Iron Table 5'x3'x2'	4	4000.00
14.	Measuring Tape	15	50.00
15.	Pocker	15	150.00
16.	Pentograph needle	15	150.00
17.	Hangers	30	150.00
18.	Knitting needles (7-13 No.)	10 set	
19.	Knitting needles set for neck	10 set	

20.	Machine needles	60	300.00
21.	Sewing machine	2	3000.00
22.	Geometry Sets	6	300
23.	Hand Flat Knitting Machines (V. Bed)		
	Gauge 14	1 Machine	
	Gauge 12	2 Machine	

Sl.No. Name of Equipment Qty Regd. Unit Cost

	Gauge 10	2 Machine	
	Gauge 7 One Finger Facility, One Plush Facility, One Intarsia	5 Machine	
	Gauge 5	2 Machine	
	Gauge 4 One Intrasia, One Palin	2 Machine	
	Gauge 2.5	1 Machine	
	Total 15 Machines		
	Suppliers Elex Engineering Works Jail Road, Ludhiana - 141 008		
24.	Domestic Brother Knitting Machines		
	Gauge 7	1 Machines (Electronics)	
	Gauge 5	1 Machine (Manual)	
	Total 02 Machines		
	Agent - Hindustan Machine Exchange 16/3 New Rohtak Road, Karol Bagh, New Delhi - 110 005		

25.	Compourized Knitting Machines with Design Systems		
	Gauge 7	2 CAM Systems 1 Machine	
	Make : Shima Seiki		

36. Finishing Machines
 Aqueous Milling Machines (5 Kg Capacity)
 Extractor (3 feet diameter), One Tumble Dyer
 One Steam Press with attached boiler

Supplier - Ramsons Garment Finishing Equipments (P) Ltd.
 H.O. 320 Mysore Road, Bangalore - 560 026
 Tel. Delhi - 6815635

37. Pattern Cutting tables 8
 1x1.5x1 Meter
38. Dress Forms
39. Hand Charkha for Winding 1

NOTE :

Comparatively cheap but reliable equivalent Indian make be preferred, if available.

Textile Design and Colour

1.	Microscope Travelling	1	5000.00
2.	Dye Bath copper with 6 holes in each	15	7000.00
3.	Counting glass	2	100.00
4.	Measuring cylinder	15	750.00
5.	Beakers	15	300.00
6.	Washing Machine	1	5000.00
7.	Heater	15	1500.00
8.	Stove	15	1500.00
9.	Bhagone 10" dia	4	100.00
10.	Can	4	100.00
11.	Tub (medium size) 50 litre	2	400.00
12.	Sprit lamp	15	150.00
13.	Dying stick wooden	15	50.00
14.	Aluminium Tray	15	750.00
15.	Printing Table (5'x3'x3')	4	4000.00
	Miscellaneous items per year		5000.00
	Steel Almirah	6	18000.00
	Trunk full size	6	6000.00

COMPUTER & CAD CENTRE

S.No.	DESCRIPTION	QTY.	APPROX. COST (Rs.)
1-A	HARDWARE		
1.	Server	01 No.	Rs. 50,000=00
	Processor:	Pentium-IV 1.6 GHZ OR LATEST VERSION	RS. 35,000=00
	RAM:	256 MB SDRAM OR as per latest version	
	Hard disk:	40 GB as per latest version	
	Display:	AGP card with 4 MB VRAM	
	Mouse:	Logitech (3 Button)	
	UPS:	500 VA	
	LAN card:	NE 2000 Compatible	
	Key board:	Latest Model	
	Monitor:	15" Colour	
	CD ROM Drum:	52x	
	SMPS:	250 Watt	
	FDD:	1.44 MB	
	Ports:	2 Serial, 1 Parallel, 1 Game port	
	Nodes:	10 Nos.	
2.	Processor:	Pentium-III 933 MHZ OR Latest Version	RS. 35,000=00
	RAM:	128 MB SDRAM OR as per latest version	
	Hard disk:	20 GB OR as per latest version	
	Mouse:	Microsoft Mouse (3 Button)	
	UPS:	500 VA	
	LAN card:	NE 2000 Compatible	
	Key board:	Latest Model	
	Monitor:	15"	
	CDROM Drive:	52x	
	SMPS:	250 Watt	
	Ports:	2 Serial, 1 Parallel, 1 Game port	
3.	Accessories:		
		For Networking 16 port hub AT & T/BMC Cables Terminator T Joints will be required depending on no. of nodes.	Rs. 5,000=00
4.	Scanner (Flat Bed A4 Size)		Rs. 6,000=00
5.	CD Writer (16X)		
6.	Printer: Inkjet & Dot Matrix (A4 Size) 132 Column & 24 Pin		Rs. 26,000=00
7.	Plotter (A3, A0)		Rs. 1.10,000=00

I.B. SOFTWARE

1.	Windows NT Server & Workstation (25 user)	
2.	Windows 95/98 OR Latest	Rs. 5,000=00
3.	3D home	
4.	Fractal Painter	
5.	Auto CAD-14 OR Latest	Rs. 20,000=00
6.	Auto CAD-2000 OR Latest	
7.	Smart Sketch	
8.	DOS-6.22 OR Latest	Rs. 2,500=00
9.	Adobe Photoshop	
10.	Compiler for Basic & C++	Rs. 20,000=00
11.	Instant Architect	
12.	Misc.	
8.	AIR CONDITIONER	
	Air conditioner 1.5 tonnes ISI marked with stablizer	03 75000
9.	U.P.S. for 30 min. 5 KVA rating	01 150000
10.	Room Preparation and furniture	50000

REFERENCE BOOKS

	Name of Book	Author	Publisher	Cost
1.	Drawing & Designing Mens Wear	Patric John Ireland	B.T. Bostford Ltd Landon, Fizhareling Street.	
2.	Fashion Extras:	Marshall Cavendish	Marshall Cavendish Books Ltd. London Street.	95.00
3.	Jasmine Arts	Designer Sharad Pd.	98-Ghadiol Gully M.J.Market, Bombay	95.00
4.	The Book of looks	Lorraine Johnson	Michoel Joseph Ltd. 44 Bedford Square, London	391.00
5.	Lady Fashion	Thiama Distributor	Printed in Japan E.D. Galgohia & Sons	72.00
6.	Handi Craft of India	Kamla Devi Chattopadhyay		
7.	Costume Designing	Bhanu Athaiya		

DRAFTING & PATTERN LAYOUT

1.	Encyclopedia of Dress Making.	Marshall Cavendish	Marshall Cavendish Books Ltd. 58 Old Cambton Street.	391.00
2.	Basic Fashion Wordrobe	Pamelalee	Singer Co.,.(U.K.) Ltd.	70.00
3.	Dress Making	Ronkelty Terry Evon	Himalayan Publishing Group LTd. Landon	138.00

DESIGN IDEAS

1.	Baby Fashion	By the Publisher	Hobby Boy Para Kronchai Enterprises co, 1295/203 Soi, Rajruamcharcun, Takish Road K. Longsarm Thailand.	85.00
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2.	Baby	By the Publisher	95, 4th Floor Raj Damri Bangkok	104.00
3.	Pattern	Lady Cutter	La Sara Road, Banglad, Bangkok	64.00
4.	Kiddy	Winson Brothers	United Footwear Ltd., 8-Soi Somprangsong, 3-Dekhabur Road, Bangkok.	104.00
5.	Veema Maxi	Veema Creation	13/3 Gulshan rith International, Bombay	65.00
6.	Kids	Baby Collection	Comfort Baby House 45-Bangkok 10110 Thailand	120.00
7.	Royal Blouses	Combined work	33-A Kanbaiwad, Khadilken Road Bombay	80.00
8.	Jasmine	Darshan	Jasmine Arts 98-Ghadia Guily K.J. Market, Bombay	60.00
9.	The Children Wear	Style Collection	Printed in Japan (Famous Book Stores 25-Janpath, N.Delhi	83.00
10.	Jasmine Fashion	Darshan	Jasmin 98, Ghanial Gully J.K. Market, Bombay	
11.	Children's Fancy (Dress & Parties)	By the Editor Poly Wibson	Australian Consolidated.	25.00

COSTUME FABRICATION

1.	Cross Stitch Design	Ondori (Collection	Ondori Japan Publication	180.00
2.	A mannual of Children Clothing	Savita Pandit	Orient Longmans Ltd., Bombay	7.50
3.	Newlook	Darshan	Jasmine, 98-ghadial Gully, M.J. Market Bombay	60.00
4.	Embroidery	Meena Srivastava	Hind Pocket Books	10.50

5.	Hobby Craft Series	Collective Matter	E.D.Galgohia & SMS 17-B Cannaught Place New Delhi	45.00
6.	Soft Toys	Sheela Nair	Hind Pocket Books	
7.	Tiny	Mukesh Mistry (Photos) Vinay Chikedikar	Beau & Belle Creation	50.00
8.	Children's Clothes	Designer Robbylee Phelan	Australian Consoli- dated Press	85.00
9.	Patch Work	By the editor	Ray Ramsay Book Division	65.00
10.	Embroidery & Cross Stitch	Onderi	Printed in Japan E.D. Galgohia & Sons	79.00
11.	Lovely Cross Stitch	Yal Makamura	Nihon Vogue	67.00
12.	Needle Point Letters	Donna Redy	Dubledery Company	137.00
13.	Pettes Toilettes.		Publications Hundial Apartade	35.00
14.	Hundred Designs Pin & Thread	Raymond	Associated Territories Actopus Book	114.00
15.	Embriodery for Engineers	Onderi	Onderi	67.00
16.	Embriodery Pattern	Onderi	Onderi	90.00
17.	Women's Fashion Doriwork Special	Fashion	Landeris Press	60.00
18.	Veema	Vijay Trading	Dilkush Joshi bombay	100.00
19.	Veema Creations	Vijay Trading	Dilkush Joshi Bombay	80.00
20.	Kid Special Fashion	Variety Book	variery Book, N. Delhi	120.00
21.	Women's Fashion	Veema & creation	Pioneer Books, bombay	60.00

BUSINESS ORGANISATION

1.	Marketing Management (Business Administration)	Philip Kotler		75.00
2.	Mass Communication and Journalism in India (Business Administration)	D.S.Mehtab	Allied Publisher	30.00
3.	Advertising	James S. Narris	Meinemannl London	95.00
4.	Theory and Practice of Business Correspondence (Communication Skill)	B. Singh	H.P.J. Kapoor	35.00
5.	Foundation of Advertising Theory (Business Administration)	Chuna Walla Sethia	Himalaya Publisher House	60.00
6.	Management Made Simple	Frank Jefkins	-do-	25.00
7.	Advertising Made Simple	G.K. Puri	I.M.S. Publication	30.00
8.	Public relation for all (Business Administration)	G.K. Puri	Rupa and Cen.	25.00
9.	Marketing research (Business Administration)	Boyd Wartfall	Richerd Press	75.00
10.	Public Relation for all (Business Administration)	G.K.Puri	Gopal K. Puri	30.00
11.	Hand Book of Public (Business Administration)	D.S. Mehta	Allied Publisher	75.00
12.	Advertising Management (Business Administration)	David A.A. Aaker	Prentice hall of India.	30.00

COMMUNICATION TECHNIQUE

1.	A Practical English Grammar ICs	A.J. Thomas	Exford University Press	27.00
2.	A Practical English Grammar II (CS)	A.J. Thomas	-do-	27.00
3.	High School English and Composition	Wren And Martine	Dethichand and Co	30.00
4.	Effective Communication (CS)	E.C. Eyre	Rupma and Co.	30.00
5.	30 Days better English (CS)	Dr. Wilfered Fremk	Pocket Book	30.00
6.	30 Days better English (More powrful) (CS)	Norman Lewis	Junior Publication	30.00
7.	English For Communication		Institute Of research Development & Training U.P. , Kanpur	10.00
8.	Sampreshan Taknik		-----do-----	

ANNEXURE I

QUESTIONNAIRE

INSTITUTE OF RESEARCH, DEVELOPMENT AND TRAINING U.P. KANPUR -208024

SUBJECT: Questionnaire for ascertaining the job potential and activities of diploma holder in Garment Technology.

PURPOSE: To design and develop diploma Garment Technology.

NOTE: 1. Please answer the questions to the points given in the questionnaire.
2. Any other point or suggestion not covered in this questionnaire may be written on a separate paper and enclosed with the questionnaire.

1. Name of the organisation: _____

2. Name & Designation of the officer filling the questionnaire _____

3. Name of the department/section/shop _____

4. Important functions of the department/section/shop _____

5. Number of diploma holder employees under your charge in the area of _____
Garment Technology.

6. Please give names of modern equipments/machines handled by a diploma holder in Garment Technology.

1. 2. 3.

4. 5. 6.

7. What proficiencies are expected from a diploma holder in Garment Technology.

- | | | |
|----|----|----|
| 1. | 2. | 3. |
| 4. | 5. | 6. |

8. Mention the approximate percentage of the following desired in Diploma teaching.

- | | |
|--------------------------|--------|
| 1. Theoretical knowledge | -----% |
| 2. Practical knowledge | -----% |
| 3. Skill Development | -----% |

9. Do you think " on the job training" / Industrial training should form a part of curriculum. (Yes/ No)

if yes then

- | | |
|--------------------------|--------------------------------|
| (a) Duration of training | ----- |
| (b) Mode of training | 1. Spread over different years |
| | 2. After completion of course |
| | 3. Any other mode |

10. What mode of recruitment is followed by your organisation.

1. Academic merit
2. Written test
3. Group discussion
4. Interview
5. On the job test.

11. Mention the capabilities/ Qualities looked for while recruiting diploma holder in Garment Technology.

- | | |
|--|-------|
| (a) Technical knowledge | ----- |
| (b) Practical skill | ----- |
| (c) Etiquettes and behaviour | ----- |
| (d) Aptitude | ----- |
| (e) Health habit and social background | ----- |
| (f) Institution where trained | ----- |

12. Does your organisation have any system for the survey of Fashion trends of different countries/States. Yes/No

13. Does your organisation conducts field survey to know users views regarding. Yes/No

1. Fashion trends for different age groups and sex.
 2. Effect of climatic conditions
 3. Any other
- If yes ; please give brief account of each.

14. Which type of assignment do you suggest for an entrepreneur in Garment Technology.

15. In which types of organisations can a diploma holder in Garment Technology.

1	2	3
4	5	6

16. Job procepects for the diploma holder in Costume Designing the next ten years in the state / country.

17. In your opinion what should be the subjects to be taught to a diploma student in Garment Technology.

Theory	Practical
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18. Kindly mention particulars regarding topics/areas which should be given more emphasisin the curriculum .

Theory	Practical
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19. Kindly state whether your organisation can contribute towards improvement of curriculum in above field. Yes/ No
If yes : Pleas give names of experts in your organisation to whom contact.

20. Kindly give your valuable suggestions for being

considered at the time of finalisation of curriculum.

21. What changes in technologies or to be incorporated in the development of curriculum on Garment Technology.

(Signature)

Kindly mail the above questionnaire duly filled to:-

Shri A.P. Singh
Lecturer
I.R.D.T., U.P., Kanpur

(Please note that all information in this survey is confidential for the use of curriculum design only)