

STUDY AND EVALUATION SCHEME FOR DIPLOMA PROGRAMME IN TEXTILE DESIGN

Fourth Semester

Sr. No.	Subject	L	T	P	Total	Evaluation Scheme						Total Marks
						Internal Assessment		External Assessment (Examination)				
						Theory	Practical	Theory		Practical		
						Max. Marks	Max. Marks	Max. Marks	Hrs.	Max. Marks	Hrs.	
4.1	Design Studio	2	-	7	9	-	100	-	-	150	3.00	250
4.2	Woven Fabric Design-IV	2	-	3	5	30	30	70	2.5	50	3.00	180
4.3	Fabric Manufacture	2	-	3	5	30	30	70	2.5	50	3.00	180
4.4	Textile Coloration-II	2	-	3	5	30	40	70	2.5	50	3.00	190
4.5	CATD-II	-	-	4	4	-	50	-	-	100	3.00	150
Industrial Exposure (Assessment at Inst. Level)+		-	-	-	4	-	25	-	-	-	-	25
Disc/ Games/SCA/NCC/NSS #		-	-	-	4	-	25	-	-	-	-	25
Total		8	-	20	36	90	300	210	-	400	-	1000

+ Industrial visit compulsory to minimum 2 industries or Departments.

General Proficiency will comprise of various co-curricular activities like games, hobby clubs, seminars, declamation contests, extension lectures, NCC, NSS and cultural activities etc.

Six week project based industrial training as per details specification in major project syllabus, out of six week, four weeks during vacation after 4th semester & two weeks after 5th semester till commencement of 6th semester industrial oriented training cum major project work will be evaluated in 6th semester by as examiner from industry.

4.1 DESIGN STUDIO

L T P
Periods/week 2 - 7

RATIONALE

Students will have to make design for sari, dress material, upholstery. Ideas and concept of world textile design (motifs and color combination).

DETAILED CONTENTS

PRACTICAL EXERCISES

Subject aim at exposing the students to experiment on the practical aspect to a finished product. Student has to select a style, embroidered/painted/printed/woven/dyed fabric and then make at least 10 designs using computer – coral and Adobe Photoshop. They can continue one or more style and finish a complete product with 4 different colour ways, at least 50 croques should be made before a final design chart, visualization is made and approved by the supervisor with at least 3 to 4 colour schemes. Style of printings to be discussed-

1. Direct style- block, stencil, screen, roller, photographic printing.
2. Resist style- Tie and dye, batik
3. Discharge style-

Students will have to make design for sari, dress material, upholstery.
Ideas and concept of world textile design (motifs and color combination).

- 3.1 Persian
- 3.2 Chinese
- 3.3 Egypt
- 3.4 Japanese
- 3.5 European
- 3.6 Indonesian

* PRACTICAL SUBJECT

Notes:-1.in a semester students is required to make 2-4 paper design and then the suggested paper designs have to be implemented in various styles on fabric.

SUGGESTED DISTRIBUTION OF MARKS

Topic	Time Allotted (Period)	Marks Allocation (%)
1	8	25
2	8	25
3	16	50
Total	32	100

4.2 WOVEN FABRIC DESIGN-IV

L T P
Periods/week 2 - 3

RATIONALE

The students of textile design are supposed to have knowledge and skill regarding various advanced weaves and their construction. Hence, in this subject, students will learn different weaves, their method of employment to acquire competency for production of woven designs for different end uses.

DETAILED CONTENT

THEORY

1. Principle of formation of terry pile construction of three, four, five and six pick terry pile weaves. Their methods of drafting and denting.
2. Pile fabrics; Introduction of plain warp pile fabric design in detail. Introduction of weft pile fabric design.
3. Construction of bed ford cord and wadded bed ord.
4. Welts and pique, methods of embellishing pique fabrics.
5. Production of simple colour and weave effects.

PRACTICAL EXERCISES

1. Analysis of fabrics
 - 1.1 Objects and methods of analyzed fabric
 - 1.2 Particulars to be analyzed
 - 1.3 Identifying arp and weft in the fabric
2. Analysis of following fabrics.
 - 2.1 Gents Shirting (Cotton)
 - (a) Stripes on loom
 - (b) Small geometrical motifs on doobby loom
 - 2.2 Gents Suiting
 - (a) Trouser length with colour effect in plain weave
 - (b) Tweed material for jackets in wool
 - 2.3 Ladies dress material

RECOMMENDED BOOKS

1. Grammar of textile Design- Nisbet
2. Structural Fabric Design by Kilby
3. Woven structures and design- Doris Goerner, British Textile Technology Group
WIRA House, Leeds UK
4. Fiber to Fabric by Ghosh
5. Watson's Advance Textile Design
6. Watson's Textile Design and Colour
7. Knitting Technology- Spencer
8. Warp Knit Fabric Construction by Charis Wildens U.Wilkens Verlag Germany
9. Simple Fabric Structure by SS Satsangi

SUGGESTED DISTRIBUTION OF MARKS

Topic	Time Allotted (Period)	Marks Allocation (%)
1	12	40
2	8	24
3	4	12
4	4	12
5	4	12
Total	32	100