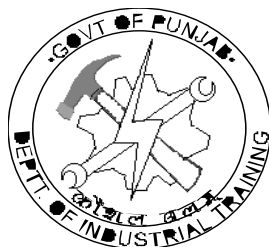


**CURRICULUM
OF
ARTS AND CRAFTS
TEACHERS' TRAINING COURSE
UNDER
*CRAFTSMAN TRAINING SCHEME***

**AS APPROVED BY
GOVERNMENT OF PUNJAB**



**(Revised)
2005**

**ISSUED BY
GOVERNMENT OF PUNJAB
DEPARTMENT OF TECHNICAL EDUCATION
AND INDUSTRIAL TRAINING
PLOT NO. 1-A, SECTOR 36-A
CHANDIGARH**

PH. NO.: 0172-2614031, 2614696,
FAX 2614622
Email: itd_pb@yahoo.co.in
Web site: www.dtepunjab.gov.in

LIST OF CURRICULUM COMMITTEE MEMBERS
FOR THE CURRICULUM OF
ARTS AND CRAFTS TEACHERS TRAINING COURSE

CURRICULUM COMMITTEE COORDINATOR

Sh. Jagjit Singh	Deputy Director, Department of Technical Education & Industrial Training, Punjab
------------------	---

MEMBERS
Sh./Smt.

- | | | |
|-----|---------------------|--|
| 1. | Harnek Singh | Principal, Govt. Arts & Crafts Teachers' Training Institute, Amritsar. |
| 2. | Sumsh Mohan Ghai | Instructor, Govt. Arts & Crafts Teachers' Training Institute, Nabha. |
| 3. | Sohan Lal | Instructor, Govt. Arts & Crafts Teachers' Training Institute, Nabha. |
| 4. | Tejinder Kumar | Instructor, Govt. Arts & Crafts Teachers' Training Institute, Nabha. |
| 5. | Nirmal Singh | Instructor, Govt. Arts & Crafts Teachers' Training Institute, Nabha. |
| 6. | Sarabjit Singh | Instructor, Govt. Arts & Crafts Teachers' Training Institute, Amritsar. |
| 7. | Inder Singh | Instructor, Govt. Arts & Crafts Teachers' Training Institute,
Hoshiarpur. |
| 8. | Onkar Singh | Instructor, Govt. Arts & Crafts Teachers' Training Institute, Nabha. |
| 9. | Bhag Singh | Instructor, Govt. Arts & Crafts Teachers' Training Institute, Nabha. |
| 10. | Kuljit Kaur | Instructor, Govt. Arts & Crafts Teachers' Training Institute, Nabha. |
| 11. | Satnam Singh Bhatti | Instructor, Govt. Industrial Training Institute (W), Mohali. |

Amended in 2005 by:

B. S. Kapur	Additional Director, Department of Technical Education & Industrial Training, Punjab
-------------	---

in consultation with the above 11 members and the followings:

- | | | |
|----|-------------------|--|
| 1. | Sant Kumar Garg | M.D., Shri Sai Institute of Teachers & Industrial Training, Lehragaga |
| 2. | Om Parkash Mittal | V. Principal, Shri Sai Institute of Teachers & Industrial Training,
Lehragaga |
| 3. | Tanuja Pundir | Instructor, Shri Sai Institute of Teachers & Industrial Training,
Lehragaga |
| 4. | Rupinder Singh | Instructor, Shri Sai Institute of Teachers & Industrial Training,
Lehragaga |
| 5. | C.K. Ghambeer | Principal, Punjab Art & Craft, Jalandhar |

INDEX

S. No.	Topic	Page No.
1.	Salient features of the course	4
2.	Distribution of subjects and analysis (first year)	5
3.	Teaching plan for a week (first year)	6
4.	Scheme of examination (first year)	7
5.	Distribution of subjects and analysis (second year)	8
6.	Teaching plan for a week (second year)	9
7.	Scheme of examination (second year)	10
8.	Principles of education and school organisation.	11
9.	Educational psychology	12
10.	History and appreciation of art (first year)	14
11.	History and appreciation of art (second year)	15
12.	Painting (practical) (first year)	16
13.	Painting (practical) (second year)	18
14.	Still life (practical)	21
15.	Design (practical)	26
16.	Commercial art (practical)	39
17.	Geometrical/ drawing	43
18.	Scale and perspective drawing	46
19.	Teaching of art & craft(practical)	49
20.	Computer awareness	50
21.	Computer graphics	52
22.	Dress designing.	54
23.	Paper craft	57
24.	Clay modelling	62
25.	Screen printing	65
26.	Digital/still photography	67
27.	Soft toys and doll making	69
28.	Wood craft	70
29.	Fancy leather craft	75
30.	Project	77
31.	Norms for space, equipment & furniture for art & craft	78
32.	Norms and qualifications of the faculty	79
33.	Recommended time table	81

SALIENT FEATURES OF THE COURSE

1. Title of the course Diploma Course in “**Arts and Crafts Teachers Training**”.
2. Duration of the course Two years
3. Type of course Full Time.
4. Pattern of course Annual system.
Each Training year will be of 48 weeks and in each week 36 hours of training for academic work will be earmarked.
Examination: 2nd June to 30th June
Admissions:- 16th June to 30th June
Session/classes to start from 1st July every year.
5. Entry qualifications 10th under the 10+2 System, with
 - A) Drawing/Painting subject studied in 8th/Matric or 10+2.
 - OR
 - B) Fine Art/Commercial Art subject in 10+2/B.A. or M.A.Weightage of higher qualification will be given as under
 - I) 10+2 : 2
 - II) Graduation in any discipline : 3
 - III) Post Graduation : 5

Arts and Crafts Teachers' Training course will be completed in two Years. In this Course students will be given fundamental knowledge (theoretical as well practical), training of the subjects of the curriculum and will be trained practically in the Methods of teaching. This will lead to the award of Diploma.

OBJECTIVE OF THE COURSE

To train the students in different subjects of Arts and Crafts included in the curricula so that they may be able to get jobs in Education Departments of different states of India as Arts and Crafts Teacher. Also they will be in a position to teach the subject of computer to the classes in the Elementary schools. In addition to this, with the training in the subjects like Painting, Commercial Arts, Design and Computer Graphics, Photography, Screen Printing they will be able to get jobs in Textile mills, Advertising Agencies, Craft Centres or they can start their own business establishments/ ventures independently.

- **Keeping in the view of demand this version of revised syllabus will be applicable from the 2004-2005 session.**
- **To highlight Virtuosity of student & to judge his/her ability a project is introduced in this revised syllabus.**

EMPLOYMENT OPPORTUNITIES :

1. As Arts and Crafts Teachers' in Schools under State Education Departments and other educational/ training institutes.
2. As designers / assistant designers in textile mills.
3. As commercial artists in advertising agencies or on Self-Employment basis.
4. As architectural assistant and interior decorator in architectural/house construction establishments.
5. As assistant or independent sculptor or wood worker.
6. As graphic artist / worker in printing presses / agencies or advertising agencies.
7. As Tailoring and Embroidery teacher in training institutes / schools or can open own training center or shop.

DISTRIBUTION OF SUBJECTS AND ANALYSIS.

FIRST YEAR

ARTS & CRAFTS TEACHERS' TRAINING COURSE

The following subjects may be taught as per scheme of studies:

S.N.	SUBJECT	ANALYSIS
1.	Principles of Education	Theory.
2.	History & Appreciation of Art..	Theory.
3.	Still Life	Practical.
4.	Painting	Practical
5.	Design	Practical
6.	Geometrical Drawing	Practical
7.	Computer Awareness	Theory & Practical
8.	Crafts; Any one of the followings:- 1. Clay Modeling; 2. Paper Craft; 3. Dress Designing; 4. Wood Work.	Theory & Practical
9.	Extra Curricular Activities including Library studies and Sports.	-

Note: The institute will must run the any two crafts from the above given crafts.

SCHEME OF STUDIES

First Year

Arts and Crafts Teachers Training Course

For teaching, the theory and practical subjects, there will be two sections of one unit of 40 students, each section comprising of 20 students.

TEACHING PLAN FOR A WEEK.

S.N.	SUBJECT	NATURE	HRS/WEEK
1.	Principles of Education.	Theory	1½
2.	History & Appreciation of Art.	Theory	1½
3.	Still Life	Practical	6
4.	Painting	Practical	6
5.	Design	Practical	6
7.	Geometrical Drawing	Practical	6
8.	Computer Awareness	Theory & Practical	1½ (in 4 weeks 1 for theory 3 for practical)
9.	Crafts; Any one of the following: 1. Clay Modeling; 2. Paper Craft 3. Dress Designing; 4. Wood Work.	Theory & Practical	6
10	Extra Curricular Activities including Library studies and Sports.		1½
			36

SCHEME OF EXAMINATION
FIRST YEAR
ARTS AND CRAFTS TEACHERS TRAINING COURSE

S.N.	NAME OF THE PAPER	THEORY	PRACTICAL	INTERNAL ASSESSMENT	TOTAL MARKS	PASS%	TIME IN HOURS
1.	Principles of Education.	80	-	20	100	35%	3
2.	History & Appreciation of Art.	80	-	20	100	35%	3
3.	Still Life	-	80	20	100	40%	6
4.	Painting	-	80	20	100	40%	6
5.	Design	-	80	20	100	40%	6
6.	Geometrical Drawing	-	80	20	100	40%	3
7.	Computer Awareness (Theory)	50	-	-	50	35%	2
8.	Computer Awareness (Practical)		75	25	100	40%	4
9.	Craft (Theory)	50	-	-	50	35%	2
10.	Craft (Practical)	-	80	20	100	40%	6
	TOTAL	260	475	165	900	-	-

NOTE:-

1. Practical papers No.3 Still Life 4- Painting 8 Computer Awareness and No.10- Craft will be evaluated by an external examiner at the spot.
2. There will be a short break of 15 minuets, after three hours, for refreshment during all the practical papers of 6 hrs duration, but the candidates will not be allowed to leave the examination hall.
3. Names of practical papers at no.10 under the heading 'Craft' will be mentioned in the Detailed Marks Card of the Candidates.
4. A student needs to attain the min. pass %ge from theory or practical without assessment and must complete the same percentage from total also to pass the subject.
5. The students, who have failed in the first year, may not be promoted in the second year, till they qualify for reappear.
6. A student can reappear if he fails in two or less subjects. A student can avail a maximum of 3 (Three) reappear chances to clear all the subjects.

DISTRIBUTION OF SUBJECTS AND ANALYSIS

SECOND YEAR

ARTS AND CRAFTS TEACHERS' TRAINING COURSE

THE FOLLOWING SUBJECTS WILL BE TAUGHT AS PER SCHEME OF STUDIES

S.NO	SUBJECT	ANALYSIS
1.	Educational Psychology	Theory
2.	History & Appreciation of Art.	Theory
3.	Painting	Practical
4.	Commercial Art	Practical
5.	Scale & Perspective Drawing	Practical
6.	Computer Graphics	Theory & Practical
7.	Crafts; any one of the following; 1. Soft Toys Making; 2. Screen Printing; 3. Photography; 4. Fancy Leather Craft.	Theory & Practical
8.	Skill in Teaching (Art & Craft)	Practical
9.	Project	Practical

Note: The institute will must run the any two crafts from the above given crafts.

SCHEME OF STUDIES

SECOND YEAR

ARTS AND CRAFTS TEACHERS TRAINING COURSE

For teaching, the theory and practical subjects, there will be two sections, each section comprising of 20 students.

TEACHING PLAN FOR A WEEK

S.NO	SUBJECT	NATURE	TIME
			HRS /WEEK
1.	Educational Psychology,	Theory	1½
2.	History & Appreciation of Art..	Theory	1½
3.	Painting	Practical	6
4.	Commercial Art	Practical	6
5.	Scale & Perspective Drawing	Practical	6
6.	Computer Graphics	Practical	1½
7.	Crafts: any one of the following;	Theory	6
	1. Soft Toys Making;	&	
	2. Screen Printing;	Practical	
	3. Photography;		
	4. Fancy Leather Craft.		
8.	Skill in Teaching (Art & Craft)	Practical	1½
9.	Project & Library Studies	Practical	6
	Total		36

NOTE:-

1. The students, who have failed in the first year, may not be promoted in the second year, till they qualify for reappear.
2. A student can reappear if he fails in two or less subjects.

SCHEME OF EXAMINATION

SECOND YEAR

ARTS AND CRAFTS TEACHERS TRAINING COURSE

S.NO	NAME OF THE PAPER	THEORY	PRACTICAL	INTERNAL ASSESSMENT	TOTAL MARKS	PASS%	TIME IN HOURS
1.	Educational Psychology	80	-	20	100	35%	3
2.	History & Appreciation of Art..	80	-	20	100	35%	3
3.	Painting	-	80	20	100	40%	6
4.	Commercial Art	-	80	20	100	40%	6
5.	Scale & Perspective Drawing	-	80	20	100	40%	3
6.	Computer Graphics(Practical)		75	25	100	40%	4
7.	Teaching of Art & Craft (Practical)	-	100	50	150	50%	45 minute per lesson
8.	Craft (Theory)	50	-	-	50	35%	2
9.	Craft (Practical)	-	80	20	100	40%	6
10.**	Project		40**	60	100	50%	6
	Total	210	535	255	1000	-	-

NOTE:-

1. Practical papers No. 3 Painting, No. 6 Computer Graphics and No. 9 Craft will be evaluated by an external examiner at the spot.
2. There will be a short break of 15 minuets, after three hours, for refreshment during all the practical papers of 6 hrs duration, but the candidates will not be allowed to leave the examination hall.
3. Names of practical papers at no.9 under the heading 'Craft' will be mentioned in the Detailed Marks Card of the Candidates.
4. A students can avail a maximum of 5 (Five) reappear chances to clear all the subjects. Failing which he may not be awarded any certificate. He can apply for fresh admission.

** Assessment Only (Not the Exam)

PRINCIPLES OF EDUCATION AND SCHOOL ORGANISATION

Objectives:

To enable pupils to:-

1. Understand and explain facts, concepts & terms of principles of education, school organisation and methods of teaching.
2. Learn to illustrate facts.
3. Develop an understanding of goals of education embodied in the national system of education in India.
4. Select facts relevant to new situations.
5. To understand the present educational problems of Indian education.
6. To acquaint the students with such aspects of school discipline.

TEACHER'S ACTIVITIES:- Lecturing, questioning, discussions, checking assignments, seminars, educational tours, using audio-visual aids, using books references and resource material.

STUDENTS' ACTIVITIES:- Listening, note taking, writing assignments, questioning, discussing, attending seminars, handling audio visual aids such as charts, Model, Maps T.V., Radio and computer etc.

EVALUATION:- Oral tests, assignment work, class room tests, final external Examination

1st YEAR WEEK WISE PROGRAMME

Week	THEORY
	UNIT-I
1-14	1. Education:- Definition of education, Indian concept of education & western concept of education. Narrower and Broader meaning of education, Formal and Informal education. Relation between Education and society. 2. Aims of Education:- Meaning and criteria of good aim, Moral Character building aim of education, social aim of education, cultural aim of education, vocational aim of education etc. Aims of education in India today increasing productivity, Achieving social and national integration, social and national service. 3. Defects in the present system of education and measures to improve them.
15-16	Revision/Test
	UNIT-II
17-30	1. Qualities of an ideal teacher, Duties and functions of headmaster. 2. Examination:- What is examination, Types of examination, Aims/needs of examination, defects in the present system of examination, suggestions for improvement. 3. Evaluation:- what is evaluation, what is internal assessment, Advantages and disadvantages of internal assessment.
31-32	Revision/Test
33-44	4. Discipline:- What is discipline, Characteristics of a good discipline, what is in-discipline, causes and remedies of in discipline. 5. Punishment:- What is punishment, Theories of inflicting punishment. 6. Reward:- what is reward, types of reward, points to be kept in mind while giving rewards.
45-48	Full revision/Tests

INSTRUCTIONS FOR THE CANDIDATES:- Candidates are required to attempt 5 questions in all at least two questions from each unit. All questions carry equal marks i.e. 16 marks each.

EDUCATIONAL PSYCHOLOGY

Objectives:

To enable pupils to:-

1. Understand and explain facts, concepts & terms of educational psychology, school organisation and methods of teaching.
2. Learn to illustrate facts.
3. Apply knowledge of Psychology to educational situations.
4. Select facts relevant to new situations.
5. To create among students an interest in the field of educational Psychology.
6. To acquaint the students with such aspects of school as timetable, curriculum & co-curricular activities etc.
7. To enable the students to understand and develop the qualities worthy of a teacher and head master.

2nd YEAR WEEK WISE PROGRAMME

Week

THEORY

1-14 UNIT-I

1. Definition of Psychology, different branches of psychology.
2. Educational Psychology: Meaning, nature, scope & aims of educational psychology.
3. Utility of educational psychology for the teacher.
4. Identification and guidance of gifted, backward, creative and delinquent children.

15-16 Revision/Test

17-30 UNIT-II

1. Attention and Interest:- Definition and meaning of attention characteristics of attention types of attention, Interest definition and meaning of interest, characteristics of interest, types of interest. How to arouse attention or interest in the class.
2. Creativity:- Meaning of creativity, characteristics of creative people, stages of creative thinking, how to develop creativity. Heredity and environment:- effect of heredity and environment in growth and development of child.
3. Emotions:- Definition, concept and characteristics of emotions. Important emotions, Fear, Anger, Jealousy, love and happiness.

31-32 Revision/Test

33-44 UNIT-III

1. Teaching aids: What are teaching aids, importance of teaching aids, Types of teaching aids, uses of teaching aids.
2. Lessons and lesson Planning:- What is lesson planning, principles of lesson planning or marks of good lesson plan, types of lessons, preparation of lesson notes.
3. Time Table: - What is timetable, Need and importance of timetable, types of timetable, Points to be considered in framing a timetable.
4. School records and registers: Need and importance of school records, Advantages of school records, How to maintain school records, Types of school records and registers.

45-48 Full Revision/Test

INSTRUCTIONS FOR THE CANDIDATES:- Candidates are required to attempt 5 questions in all at least one question from each unit. All questions carry equal marks i.e. 16 marks each.

Books:

SN	Name of Author	Name of Book
		TEXT BOOKS
1.	Walia, J.S.	Foundation of Educational Psychology
2.	R.S. Kumar	Elements of Education

SUPPLEMENTARY READINGS

3.	Morgan C.T. King. R.A. Weisz. Z.R. and Schoplor. J	Introduction to Psychology
4.	Crooks, P.L. and Strin Jean :	Psychology Science, Behaviour and life
5.	Chaplin, J.R. and Kraweic	Systems and Theories of Psychology
6.	Safaya. R.N. and Bhatia, B.D.	Education Psychology and Guidance
7.	Shankar, Uday	Problem Children
8.	Dhaliwal, A.S.	Vidyak Manovigyan
9.	Kansal, M.R.	Sikhya De Sidhant
10.	Dhiman, O.P.	Principals and Techniques of Education
11.	Singh, Harnam	Sikhya De Sidhant
12.	Bhatia and Narang	Theory and Principles of Education
13.	Govt. of India	Ministry of Education, Report of Secondary Education Commission. Report of Indian Education Commission.
14.	Walia, J.S.	Modern Indian Education and Its problems
15.	Walia, J.S.	Foundations of School Administration & organization.
16.	Walia, J.S.	Principles and Methods of Education
17.	Kochhor, S.K.	Adhiapan wich Navin Paryog
18.	Kabir, H.	Sikhya Da Bharti Darshan
19.	Aggarwal, J.C	School Organization

HISTORY AND APPRECIATION OF ART

Objectives:

- To develop awareness of beauty and appreciation of art in daily life.
- To develop opportunities for creative expression of which all are capable.
- To introduce pupils to the many fields of Art.
- To acquaint pupils with the latest trends in art.
- To create a recognition of relationship of art to other school activities and its place in the total school programme.
- To develop good work habits.

TEACHER'S ACTIVITIES:- Lecturing, questioning, discussions, checking assignments, educational tours using audio-visuals aids.

STUDENTS' ACTIVITIES:- listening, Note taking, questioning, discussion, handling audio visual aids such as slide projector, epidiastroscope, chart, model, films, visits to various museums, exhibitions and Art studio's, libraries as well as areas which provide examples of historic and Modern architecture, Painting and sculpture.

EVALUATION:- Oral test, assignment work, class room tests, final external examination

1st YEAR

WEEK WISE PROGRAMME

Week	Theory
	UNIT-I
1-14	1. Meaning, definition of art with special reference to drawing & Painting. 2. Place of Art in daily life. 3. Place of Art in education 4. Aims & Value of teaching Art in schools. 5. Elements of Art:- Shape, Line, Colour Texture, Volume, Space & Light & Shade. 6. Principles of Painting:- Balance, Rhythm, Harmony, Dominance, Perspective, Ratio & proportion.
15-16	Test/Revision
	UNIT-II
17-30	1. Six limbs of Indian Art. 2. Material used in paintings and its techniques. 3. Definition (dimension) of colours in terms of hues, value & intensity. 4. Colour schemes, combination of different colours, contrast and Harmonious colour scheme. 5. Design: definition and its classification 6. Art Room- Its necessity & Equipment.
31-32	Revision/Test
	UNIT III
33-44	1. Definition of Primitive Art 2. What if Folk Art. Definitions of Punjabi & Indian Folk Art 3. Appreciation of Master pieces of Indian art I) Sarnath Budha (Gupta Period) II) Lion Capital/Bull Capital III) Natraj Bronze (Chola Period) IV) Mother & Child (Ajanta) V) Sohni Mahiwal by Sobha Singh
45-48	Full Revision/Test

HISTORY AND APPRECIATION OF ART

2nd YEAR

WEEK WISE PROGRAMME

Week	Theory
1-14	UNIT-I 1. Scope of Art 2. Co-relation of Arts and Craft with Other school subjects:- Need of co-relation, Purpose of co relation, Co-relation of Art and languages, science Nature studies, History, Geography, Math, Agriculture and Crafts. 3. Syllabus of Arts and Crafts for Urban and Rural school:- Principles of Art and Craft curriculum construction, an out line of Art and Craft curriculum from 1st to 8th class. 4. Art and Craft Books:- Utility of art and craft books for a teacher, Selection of art and craft text books. 5. Child Art: What is child art, Purposes or importance and subjects of child art, Development stages of child Art.
15-16	Revision/Test
17-30	UNIT-II 1. Pre Historic Paintings. 2. Special characteristics of Ajanta & Mughal Paintings,. 3. Definition of the following kinds and techniques of painting, Miniature Painting, Mural Painting, Fresco. 4. Art of Indus valley civilization with special reference to sculpture, Architecture and seals.
31-32	Test/Revision
33-44	UNIT-III 1. Appreciation of Modern Art. 2. Appreciation of Abstract Art 3. Art of the Golden Tample. 4. Life and works of famous Punjabi painters 1. Sobha Singh 2. Satish Gujral 5. Life and work of famous Indian painters 1. Raja Ravi Verma, 2. Amrita Sher Gill,
45-48	Full Revision/Test

INSTRUCTIONS FOR THE CANDIDATE:- Candidates are required to attempt 5 questions in all at least one question from each unit, All question carry equal mark i.e. 16 marks each.

Books

S.N	Author	Book
1.	Walia,J.S	Theory of Art, Jalandhar, Paul Publishers
2.	K.K. Jaswani	Teaching and Appreciation of Art in schools, Delhi. Atma Ram & Sons
3.	A.K. Dhawan	Dhawan's Hand Book of History of Art, Ludhiana. TipTop Trading Co.
4.	D. Barret and Gray B	Painting of India
5.	Saraswati, S.K	A survey of Indian sculpture
6.	Rowlands, B	The art and Architecture of india
7.	Read, Herbert	Meaning of Art
8.	Aggarwal V.S	Bhartiya Kala
9.	H.S. Brar	Bharti Kala
10.	Avinash, Bhadur Verma	Bharti Chiterkala ka itihhas.
11.	Bhagwat Sharn Upadhya	Bharti Chiterkala ke kahani
12.	Ashok	Kala Sandurya and Smeeksha Shaster
13.	Jin, Dass, Jain	Bhartiya Chiterkala ka Alochnatamic Adhyan
14.	H.H. ARNASON	A history of Modern Art.

PAINTING (PRACTICAL)

Objective: The objective of Training in painting is to provide the student with Training in skills original and creative expression.

- To impart theoretical/Practical knowledge of Painting.
- To develop artistic skills.
- To develop skills and techniques needed for painting.
- To let him know the place of Painting in everyday life.
- To enable pupil Teacher to understand the co-relation of arts and crafts with Painting.
- To development of an understanding about materials and methods involved and limitations and possibilities of technical processes through the study of related subjects.

TEACHER'S ACTIVITIES:- Lecturing, demonstration and instructions.

STUDENTS' ACTIVITIES:- Listening, Taking notes and prepare different Paintings.

1st Year

WEEK WISE PROGRAMME

Week

Contents

Unit-1

Free Hand drawing and sketching

- | | | |
|-------|----|---|
| 1-4 | 1. | Free hand drawing of Trees, flowers leaves and fruits vegetables |
| | 2. | Stick figure Drawing: showing in working and in different poses as running, sitting and dancing etc. For example: Related to sports. <ul style="list-style-type: none">1. Running2. Tennis Playing.3. Cricket Playing4. Weight lifting5. Waving the flags in their hands.6. Playing the Drums.7. Gymnastic etc. |
| | 3. | Drawing in a single thin line. Showing the figurative Drawing related to the Class rooms as <ul style="list-style-type: none">1. Boy/girl is reading a Book.2. Teacher (Male/Female) writing on the Black Board. |
| 5-7 | | Free-hand line drawing of 3 dimensional object as: <ul style="list-style-type: none">1. Pitcher/Surahi etc.2. Thermos Bottle, Glass, kettle, Mug etc.3. Book, Brick, Wooden, Log, Drawing Board etc.4. Drawings of flowers of different size and shapes.5. Drawing of plants with earthen pot.6. Flower pot on a table.7. Books in racks.8. Lamp shade before a hanging curtain.9. A jug with a glass and apples etc. |
| 8-11 | | Free hand drawing of animals, birds and insects as. <ul style="list-style-type: none">1. A horse, bull, cow, sheep, goat, elephant, tortoise etc.2. Deer, bear, hare, loin and monkey etc.3. Parrot, peacock, crane, pigeon, sparrow, hen, cock, fish etc.4. Butterfly, Bee and honey bee etc. |
| 12-14 | | Free hand drawing of Trees, flowers leaves and fruits vegetables (on the base of composition) as <ul style="list-style-type: none">i) Draw butterflies flying/sitting on the flowers.ii) Draw a scene of a field with cows, sheep and goats.iii) Draw a big tree in fore ground with some small trees in back ground to showing perspective and light and shades.iv) A drawing sketch of a flower pot with flowers and leaves (showing light and shade) |
| 15-16 | | Revision/Test |

17-19 Landscape Painting

With the help from memory, imagination and practice gained draw landscapes, without figures, comprising of summer houses, huts, mountains, greenery and village scenes as for example:

- i) Scene of a River Bank & Valley .
- ii) Scene of mountains behind a group of trees.
- vi) Village scene

20-26 Only pencil drawing and shading structure and proportion of the human body (male or female), study of anatomy.

27-30 a. Self expression through line drawing as weeping, laughing, anger, crying, in peace, calm and surprise. For this student can get the subjects from incidents happening in daily life for instance on cartoon base.

Meditation

Crying of child on seeing a horror object

[illegible]

Getting surprised from something

⌘&♦◻ ♪☹● ◻◻☠ ≡☆◻Ⅱ■ ≡◻⊗Ⅱ ☼

Smiling

○◆◆&□Ⅱ☉◆☒Ⅱ☼

b. Scenes In resting position as

- Taking rest with a wall/pillar/tree.
- Taking rest with the back of chair.
- Pose of yoga exercise.

31-32 Revision/Test

33-38 a. Composition of village life only in pencil drawing and shading as:-

- i) A woman carrying straw bag/bundle of dry grass.
- ii) A village scene.

b. Composition of Natural scene only in pencil drawing and shading as:-

- i) A storm scene.
- ii) Raining day
- iii) Sun setting or rising
- iv) After rain.
- v) A spring day or autumn.

39-44 Another Scenes draw & paint in any medium as:-

- A bazar scenes.
- Playing with a paper boat.
- Feeding the hens.
- A woman cleaning utensils with a running tap.

45-48 Full Revision/Test

PAINTING (PRACTICAL)

2nd Year

WEEK WISE PROGRAMME

Week

Contents

1-14

Unit-I

Detailed study of human body parts.

Only pencil drawing and shading structure and proportion of the human body (Boy, Girl, male & female), rhythmic curves as uniting factor in all parts of the body, balance of parts, study of anatomy.

- Practice drawing of faces.
- Construction of the skull, planes and masses of the head adding details such as the eyes, the mouth the nose etc.
- Character of the solid shapes of different parts and their modeling, foreshortening in details.
- Relationship of the head, neck and arm system various media.
- Different poses of hands and feet .

Abstract figure drawing

To draw some abstract drawing sketches (distortion drawing) with the help of geometrical forms as:-

- i) A child running behind a dog
- ii) Play of rat and cat.
- iii) A class room scene

Note: I) On basically cartoon drawing with the help of printing material books and magazines etc.

II) All above given drawing should be drawn through memory and imagination or with the help of given references (through the books etc).

III) Principles of art and elements of art (balance, rhythm, texture, light and shade, near and fare) should also be used in real sense.

15-16

Revision/Test

Unit-II

17-30

Composite line drawing relating to the daily life as:-

- i) Drawing of a bull or horse, rider.
- ii) Drawing of a bull-cart/tonga.
- iii) Driving scene of cycle , rickshaw or scooter.
- iv) Balloon seller.
- v) Snake Charmer.
- vi) Show the different poses of the sitting and standing figures (Front, Back, Side).

Scenes related to daily life activities as:

- i) Praying figures of male and female.
- ii) Walk in a garden with a pet dog
- iii) A picnic scene
- iv) A beggar

31-32

House test

33-38

Composition (Draw and Paint)

- Through memory/ imagination to create a natural or stylized composition, showing the figures of human beings , birds, animals in the timingly environment and giving a suitable theme as :-

- a) Village Scene
- b) Village life
- c) Black smith at work.
- d) Spring day.
- e) Village Fare.
- f) Dream.

Size of the surface: ¼ imperial size (25x35 cm) or a suitable size may be used.

39-44

Landscape Painting:

With the help of imagination or memory or through the printed material create a remarkable work of painting showing a natural atmosphere as given below:

- i) Sun setting scene with reflection of the same in river water with some flying birds.
- ii) Sea Bank with palm trees, some boats with effect of light and shade.
- iii) An Indian village scene
- iv) A hill valley scene.
- v) A hill water fall scene.
- vi) Autumn Scene.

Size of Surface: ¼ imperial size (25x35 cm) or a suitable size may be used less or more than the above given size..

Bibliography.**English:**

- Compana D.M, the teacher of Anatomy and Human Form, D.M Compana Art Co. Chicago.
- Ibid, The teacher of figure painting and portraits Ibid.
- Ibid, The teacher of water colour painting Ibid.
- Ibid, The teacher of landscape painting Ibid.
- Ibid, The teacher of Pastel Painting Ibid.
- Jacob Michael, colour in portrait painting Ibid.
- Perard Victor Anatomy and drawing, J.V Navlakhi and Co.533 Kalba devi Road Mumbai.
- Whitney, Edgar A, Complete guide to water colour painting, Watson, Gupta publication New York.
- Dhawan, A.K and Dhawan Sonia, Dhawan's Art Books.Human figures, Tip Top Trading Co.Shiva Sangala, Ludhiana, Punjab.
- Ibid Dhawan Art Book, Landscape.
- Jacob Michael colour in landscape painting D.M Compana Art Co. Chicago.
- Ibid The art of composition signified dynamic Ibid.

Hindi:

- Chaman Kiran, Alankar, Bagh 22 or 25 (Natural Scenes), Raj Hans Prakashan Mandir Ram Nagar, Merut (U.P).

SUBJECT :- Painting (Practical)

MATERIAL TO BE BROUGHT BY THE STUDENT:-

1. Drawing Board: 1/4 & 1/2 imperial size.	1 No. each
2. Pencils(H.B, 2 B,4 B, 6 B)	As per requirement
3. Coloured Pencil Full Set	As per requirement
4. Coloured Pen Full Set	As per requirement
5. Pastel Colour 48 shades	As per requirement
6. Water proof black ink	As per requirement
7. Sketch book	1
8. Drawing sheet (Norway), Art Card,	As per requirement
9. Hand made sheet, Black Pastel sheet	As per requirement
Grey Pastel Sheet, oil sheets	
10. Canvas Board	As per requirement
11. Brushes (0-12 No.) Soft (Round)	As per requirement
12. Brushes (0-12 No.) Soft (Flat)	As per requirement
13. Brushes (0-12 No.) Hard(Flat)	As per requirement
14. Colour Palette Wooden For oil colour painting	As per requirement
15. Linseed oil	As per requirement
16. Turpentine oil	As per requirement
17. Karosene oil	As per requirement

Guidelines for the teachers:

1. The students are required to sketch free hand and copy from the printed material regularly and submit every week.
2. With the help of material student should be asked to prepare sketches with light and shade every week.
3. Head study:- Students should be asked to prepare different poses of hands and feet with light and shade.
4. Composition and Landscape Painting: Student should be asked to prepare 5 paintings each throughout the session.
5. Live Models may be arranged for life study or figure study/ Portrait.
6. To cultivate personal observation and self learning, students should be conducted on visits to museum, exhibitions, parks, zoo and historical places.
7. The students should observe sketch and annotate if necessary what they see at the sites of visits and report to the teacher Incharge for evaluation. This award shall form part and parcel of the sessional work for internal assessment.

Instruction for the paper setter/Examiner

1. Question paper must be by lingual i.e. in English and Punjabi and Hindi language themes and spelling must be clear and standardized.
2. Question should be strictly from syllabus i.e. should not be high-graded.
3. Students should be asked to attempt one or two questions depending upon the length of the paper.
4. Portrait or Composition or Landscape. According to the given subjects in the syllabus. Due to oil medium, time should be given more than 6 hours at least 12 hours (6 hours per day). Marking should be done in examination hall (at the spot).
5. Reasonable choice may be given.
6. Division of Marks/Distribution of Marks

a. Anatomy structure of the objects	: 20
b. Drawing	: 20
c. Shading colour and rendering	: 20
d. Composing/setting and other technical aspects.	: 20
Total	: 80
Sessional	: 20
Grand Total	:100

STILL LIFE (PRACTICAL)

OBJECTIVES :

- The main idea of teaching this subject is to give the students an opportunity for creative self-expression
- To develop their will through observation of natural : geometrical forms and practical composition exercises
- To inculcate free hand self expression in objects drawing
- To create co-relations in each objects
- To impart theoretical / practical knowledge of still life
- To enable the pupil teacher to understand the co-relation of art and craft with reference to the still life
- To make pupil teacher the value of accuracy and to develop his/her power of creativity / invention
- To train the observation power
- To let him/her know the place of still life in Fine Art field
- To inculcate the esthetic sense while preparing the still life

TEACHER'S ACTIVITIES:- Lecturing, Demonstration and Instructions

Distribution of Marks

i)	Paper Division	: 20
ii)	Ratio Perportion	: 10
iii)	Drawing	: 15
iv)	Colouring/Rendering	: 15
v)	Light & Shade	: 10
vi)	Neatness, Trimming and Mounting the finished work	: 10
	Total	: 80
	Sessional	: 20
	Grand Total	: 100

STUDENTS' ACTIVITIES:- Listening, taking instructions, penning down important fundamentals and preparing still life in various medium

1st Year WEEK WISE PROGRAMME

1 to 3

- To impart introduction of still life drawing
- To tell the students about the meaning & importance of still life drawing
- To let the students know the fundamentals and important instructions regarding still life
- To inculcate meaning of front view of still life
- To impart meaning of plan view and front view of still life
- To let the students know/observe distance from the model stand in still life
- To let the students know the model stand height
- To inculcate sitting arrangements in circle and semi-circle in still life
- To teach the importance of observation, paper division, ratio proportion, angles, perspective drawing, eye level, below eye level and above level, light and shade or tones etc.
- To teach how to find angles in square and rectangular objects

04 – 06

- To impart Free hand drawing practice from different types of flower pots from different angles / view with the charcoal stick on the brown paper
- To impart Free hand drawing practice from different type of Surahi, Gamlas, Jugs, Glass from different angles / view with the charcoal stick on the brown paper
- To impart Free hand drawing practice from different types of Books, Drawing Board, Indian Binda, Sweet Box etc. from different angles / view with the charcoal stick on the brown paper
- To impart free hand drawing practice from different type of fruits and vegetable models and bottles from different angles / view with the charcoal stick on the brown paper

07 - 10

- To prepare a drawing from the given objects and complete the drawing without droppery (curtain/parda) with pencil / charcoal pencil shading giving details of light and shade or tones under the supervision of concerned teacher.

a) (1) Brick	(2) Glass	(3) Apple
b) (1) Book	(2) Jug (Plastic)	(3) Tomato
c) (1) Wooden Box	(2) Flower pot (metal)	(3) Gourd (round)
d) (1) Drawing Board	(2) Jug (Steel)	(3) Brinjal

11 - 14

- To prepare a drawing from the given objects and complete the drawing without droppery (curtain/parda) with pencil / charcoal pencil shading giving details of light and shade or tones under the supervision of concerned teacher.

a) (1) Sweet Box	(2) Cup (Bone China)	(3) Jug (Glass)
b) (1) Open Book	(2) Flower pot (Bone China)	(3) Pomegranate
c) (1) Indian Binda (wooden)	(2) Kettle (Bone China)	(3) Pear
d) (1) Drawing Board	(2) Bucket (Plastic)	(3) Banana

MEDIUM : Pencil shading / charcoal shading / Black Ink
SURFACE : Norway Paper, Cant Paper, Scholar paper, Art Card paper
SIZE : ½ Imperial sheet

15 – 16 Revision/Test

17-20

- To prepare a drawing from the given objects and complete the drawing without droppery (curtain/parda) with oil pastel colours giving details of light and shade or tones under the supervision of concerned teacher.

a) (1) Wooden box (rectangular)	(2) Glass (steel)	(3) Mango
b) (1) Book (Hut type)	(2) Drawing Board	(3) Melon (big)
c) (1) Indian Binda	(2) Surahi (earthen)	(3) Fauji Mug (steel)
d) (1) Sketch Book	(2) Gamla (earthen)	(3) Wine Bottle (empty)

21 - 24

- To prepare a drawing from the given objects and complete the drawing with droppery (curtain/parda) with oil pastel colours giving details of light and shade or tones under the supervision of concerned teacher.

a) (1) Drawing Board	(2) Flower Pot (earthen)	(3) Tumbler (with coloured water)
b) (1) Book (big size)	(2) Book (Small Size)	(3) Flower Pot (metal)
c) (1) Book Hut type	(2) Cattle (Hindolium)	(3) Milk Bottle
d) (1) Indian Binda	(2) Thermos	(3) Flower Pot (brass)

MEDIUM : Oil Pastel Colour
SURFACE : Norway Paper, Cant Paper, Scholar paper, Oil Pastel Sheet
SIZE : ½ Imperial sheet

25 - 30

- To prepare a drawing from the given objects and complete the drawing with droppery (curtain/parda) with water colours giving details of light and shade or tones under the supervision of concerned teacher.

a) (1) Book (Hut Type)	(2) Mango	(3) Jug (Steel)
b) (1) Drawing Board	(2) Brick	(3) Beer Bottle (Empty)
c) (1) Book (Big Size)	(2) Pitcher (Garha)	(3) Glass (Steel)
d) (1) Wooden Box	(2) Flower Pot	(3) Sugar Pot (Bone China)
e) (1) Drawing Board	(2) Bucket (Iron)	(3) Garbi (Steel)
f) (1) Drawing Board	(2) Open Book	(3) Beer Bottle

MEDIUM : Water Colour
SURFACE : Handmade Paper, Norway Paper, Cant Paper, Scholar paper
SIZE : ½ Imperial sheet

31 – 32 Revision/Test

33-36

- To prepare a drawing from the given objects and complete the drawing with droppery (curtain/parda) with water colours giving details of light and shade or tones under the supervision of concerned teacher.
 - a) (1) Brick (covered with droppery) (2) Kettle (3) Brinjal
 - b) (1) Indian Binda (2) Coca Cola Bottle (3) Tumbler (Steel)
 - c) (1) Drawing Board (2) Book (3) Bournvita Jar
 - d) (1) Drawing Board (2) Brick (packed in guddi paper) (3) Jug

MEDIUM : Water Colour
SURFACE : Handmade Paper, Norway Paper, Cant Paper, Scholar paper
SIZE : ½ Imperial sheet

37-40

- To prepare a drawing from the given objects and complete the drawing with droppery (curtain/parda) with oil Paint colours giving details of light and shade or tones under the supervision of concerned teacher.
 - a) (1) Book (2) Flower Pot (earthen) (3) Pomegranate
 - b) (1) Wooden Box (2) Surahi (earthen) (3) Fauji Mug(Metal)
 - c) (1) Sketch Book (2) Gamla (earthen) (3) Tumbler (Glass)
 - d) (1) Brick (2) Flower Pot (Metal) (3) Bowl (Steel)

41-44

- To prepare a drawing from the given objects and complete the drawing with droppery (curtain/parda) with oil Paint colours giving details of light and shade or tones under the supervision of concerned teacher.
 - a) (1) Book (2) Shuttle Cock (3) Pitcher Pot
 - b) (1) Brick (2) Jug(Glass) filled with coloured water (3) Chalk box
 - c) (1) Sweet Box (2) Wine Bottle (Empty) (3) Cup
 - d) (1) Wooden Box (2) 'Karahi' (3) Gourd

MEDIUM : Oil Paint Colour
SURFACE : Oil paint paper sheet, Hard Board, Canvas
SIZE : ½ Imperial sheet

45-48 Full Revision/Test

NOTE: 1. Concerned lecturer / teacher can change the objects if So desire.
2. This paper will be marked at the spot

ACHIEVEMENT : compulsory for every student to complete 25 to 30 Still life drawings in a year.

BOOKS

1. Frenlos Gone - Still life in Pencil Shading by Walter Foster Group (USA)
2. Frenlos Leon – How to Boost a Life by Walter Foster Goups (USA)
3. Greaoen Mon - Still Life is a Exciting by Walter Foster Goups (USA)
4. How to Draw Still Life New Delhi Dhingra Publishing House (H/47)
5. Marks Hall , New Delhi Pencil Shading Objects, Hall Marks India Publishers (441, Bhera Enclave)
6. Bharti Model Scale & Free Model Drawing –
7. Candid Creative Art (Part VI), (Part VII), (Part VIII)
8. Vikas Learn Pencil Shading (I), (II)– Navneet Publication India Ltd.
9. Principle of Memory Drawing – D.R. Sharma
10. The Art of Flower Painting - Mrs William Duffield
11. Still Life Drawing & Panting - A.W. Broinne
12. Model Drawing & Shading - M.M. Mehta

HINDI : Chaman Kiran Alankar (Part-X) (Vastu Chitran), Raj Hans Parkashan Mandir Ram Nagar, Merrut (UP)

GUIDELINES FOR THE TEACHER

1. To avoid fuss & errors in the still life, students may be trained by preliminary exercise to prepare still life drawing from different angles, view, sides in circle or semi-circle.
2. Sitting plan will be set up according to still life norms in semi-circle with proper distance from model stand near about 2 mtr to 2.5 mtrs.
3. For good sitting plan 7 students in 1st and 6 students in 2nd row in semi-circle. The total number of students 13 in a group.
4. Artificial light arrange from the left side with studio lamp.
5. The teacher will arrange the objects as per still life norms and check the same before the start of the still life drawing.

INSTRUCTIONS FOR THE PAPER SETTER / EXAMINER :

1. Examiner / paper setter will set three types of question paper.
2. One question paper will be opened before 24 hours for the purchasing of still life material.
3. One question paper will be opened before 1 hours for still life setting on the model stand. Examiner also send plan view and front view with question paper.
4. One question paper will be opened before 10 minutes to deliver the same to students in the examination hall.
5. Examiner will also mark the still life drawing papers according to sitting plan sent by the concerned teacher.

OBJECTS REQUIRED FOR STILL LIFE DRAWING TO BE PROVIDED BY THE INSTITUTE

1.	Drawing Board ¼ Imperial Size	:2 No.
2.	Surahi (Earthen)	:1 No.
3.	Gamla	:1 No.
4.	Flower Pot (various types – Earthen / Metal)	:1 each
5.	Indian Binda	:1 No.
6.	Book (Big & small)	:1 No.
7.	Wooden Box (Square & rectangular)	:1 each
8.	Tumbler (Steel / Glass / Plastic)	:1 each
9.	Kettle (Bone China / Hindoleum / steel)	:1 each
10.	Fruits & Vegetable Models	:10 of different types
11.	Jug (Steel / Pastic / Iron)	:1 each
12.	Pitcher Pot	:1
13.	Kerosene Oil Lamp with Chimny	:1
14.	Bowl (Steel / Bone China)	:1 each
15.	Mug (Fauji)	:1
16.	Garbi	:1
17.	Full Plate (Steel / Plastic)	:1 each
18.	Cut Plate (Bone China)	:1
19.	Flower Pot (Bone China)	:1
20.	Hukka & Chilam (Earthen)	:1
21.	Shuttle Cock	:1
22.	Dalda / Gagan container Plastic (1 kg)	:1
23.	Brick	:1
24.	Powder Container (Empty)	:1
25.	Boat (Brass)	:1
26.	Sweet Box / Shoe Box / Chalk Box (Card Board)	:1 each
27.	Dropper (in various colours – length not less than 2 metres)	:4 No.
28.	Model Stand	:1
29.	Studio Lamp Stand with 200W bulb	:1
30.	Kettle Thermos (Cello / Eagle)	:1

Objects can be changed according to the availability in the market. Minimum 20 objects from above given are compulsory.

MATERIAL TO BE BROUGHT BY THE STUDENT

1.	Drawing Boards (For students)	: 1
2.	Set Square (Big size)	: 1
3.	Rubber	: As per requirement
4.	Cutter Blade	: As per requirement
5.	Pencils – 2 H, HB, B, 2B, 4B, 6B	: As per requirement
6.	Charcoal Pencil	: As per requirement
7.	Instrument Box	: 1
8.	Brushes No.0, 1, 3, 5, 7, 12 (round)	: As per requirement
9.	Brushes No.0, 1, 3, 5, 7, 12 (flat)	: As per requirement
10.	Norway Paper	: As per requirement
11.	Poster / Fabric colours	: 1 box each
12.	Drawing sheets – Norway / Art Cart/Cant	: As per requirement
13.	Sheet/Canvas/Hard Board/Oil Paper Sheet	: As per requirement
14.	Oil Pastel Colour	: 1 box
15.	Water Colours	: 1 box
16.	Oil Paint Tubes	: 1 box
17.	Colour Plate (Egg type)	: 1
18.	Colour plate (wooden)	: 1
19.	Cotton Cloth (1/2 meter)	: as per requirement
20.	Brown Paper	: As per requirement
21.	Black Sheet	: As per requirement

DESIGN (PRACTICAL)

RATIONALE

- Design, being an art of organizing the space orderly and beautifully, remained an integrated part of human life, civilizations and cultures. It not only satisfies human beings aesthetically and spiritually but helps in promotion of trade also for the development, progress and spread of civilizations, and often becomes one of the factors of cultural transformation. It makes the world and life colourful, lively, lovely and enjoyable. A lot of people are attracted to learn this art for different reasons--- moral, spiritual, commercial, professional, social and religious.
- For persons, who are interested in acquiring training in various branches of design, so many schools/institutes/organizations are imparting training. In these training places, students have to pass through some phases of learning the design – theoretical as well as practical.
- The students should be given a thorough knowledge of elements and principles of design through various exercises and projects. They should also be taught handling and use of different materials, equipments and tools.
- The Students should be made well acquainted with the general flora of the region by studying structures, shapes, colours and positions of different flowers and leaves.
- Above all, they should know the fundamentals of colour theory and practice, aiming at enhancing attractive quality and beauty of design. As colour play an important role in life and design-making, it should be a stimulating factor in satisfying aesthetic appetite of onlookers and customers of design. Therefore the students should be taught colour mixing, colour combinations/schemes etc. from professional point of view, so that they may be able to
 - (1) Teach their pupils best of the design work, and
 - (2) Supply the design in the market in various colourful ways.

1st Year

WEEK WISE PROGRAMME

Week	Theory	Practical
1-4	UNIT - 1 GENERAL INTRODUCTION AND PRELIMINARY EXERCISES	
	1.1 MATERIALS, TOOLS AND EQUIPMENTS	
	1.1.1 Materials for Space/Surface : Sketch book (medium size), cartridge paper/kent paper/handmade paper, tracing paper (best quality).	- Practice of setting/pasting the appropriate sheets on boards. - Use of T-square, set squares, mathematical instruments for space division and line work.
	1.1.2 Materials for Colouring/ Rendering : Black graphite lead pencils of the grades-2H, HB, 2B, 4B, coloured pencils, coloured sketch pens, poster colours of various hues, black drawing ink.	- Sharpening pencils of different grades and colours, handling and right way to use for drawing lines, planes of basic geometrical shapes/forms and free hand figures.
	1.1.3 Materials for Mounting/Framing : Mount board, coloured cello tapes, adhesives – gum, glue and synthetic resin adhesives.	- Tracing properly the planes and shapes with the help of a good quality tracing paper and hard pencils of H grades.
	1.1.4 Equipments : Drawing board 1/2 imperial size, pasting board 1/2 imperial size, drawing pins, drawing board clips, glued paper tape, colour palette for poster colours, knife, cutter, sand paper No. 0, rag/handkerchief, water mug.	- Handling of appropriate tools on the paper sheet surface working on lines and traced figures in black drawing ink and poster colours.
	1.1.5 Tools/Instruments: For drawing : Mathematical instruments, set squares. (large size), T-square, drafter, scales (plastic and steel), eraser (non-dust).	

For colouring/ rendering: ruling pen/liner, inkbow (large size), crowquill pen, coloured sketch pens, sable hair brushes – round Nos. 0-6, flat No. 12.

1.2 DESIGN : STYLES AND ELEMENTS

- | | | | |
|-------|---|-------|--|
| 1.2.1 | Definition of design, understanding of various styles of design i.e. geometrical, natural, decorative, abstract, folk, conventional and traditional, elements and principles of design. | 1.2.1 | -- |
| 1.2.2 | Space : Definition, space as a field of unity of opposites i.e active or positive space and passive or negative space, understanding space organization - formal and informal. | 1.2.2 | <p>Space :</p> <p>To compose geometrical shapes/ flowers/ leaves/ pots for the purpose of illustrating the concept of positive and negative spaces.</p> <p>To do some exercises to show space division as formal and informal.</p> <p>NOTE : Exercises on space would be done simultaneously in the exercises of sections 1.2.3 to 1.2.6</p> |
| 1.2.3 | Point/Dot : - Definition, nature, functions – repetitive (i) regular repetition – sequence, (ii) accented repetition – rhythm, (iii) stabilized repetition – balance. | 1.2.3 | <p>Point/Dot :</p> <p>Various exercises for working on various manners of point / dot distribution, especially in repetitive manners of regular repetition, accented repetition and stabilized repetition .</p> |
| 1.2.4 | Line : Definition, nature, functions, types of line – horizontal, vertical, wavy, inclined/oblique, zig-zag, curved, spiral, thin, thick, light, dark, broken; visual and psychological effects of lines. | 1.2.4 | <p>• On 1/4 imperial cartridge/ art card sheet in pencil and black drawing ink/ coloured sketch pens.</p> <p>Line :</p> <p>To do line, line-n-dot exercises using dots of various sizes and lines of different types in various ways.</p> |
| 1.2.5 | Plane, shape and form : Definition, nature, functions, introduction to basic geometrical shapes and forms e.g. square, circle, triangle, cube, sphere, cylinder, cone, pyramid etc.; types of form - regular/ symmetrical /stable and irregular / asymmetrical/ dynamic. | 1.2.5 | <p>• 1/4 imperial cartridge / art card sheet in pencil and black drawing ink/ coloured sketch pens.</p> <p>Plane, shape and form :</p> <p>Drawing and shading/ colouring of basic geometrical shapes/ flower/ leaves/ pots/ balloons in different settings.</p> |
| 1.2.6 | Texture : Definition, nature, functions, types - tactile and visual; found, copied and created textures. | 1.2.6 | <p>• on 1/4 imperial cartridge / art card sheet in pencil and black drawing ink/ sketch pens.</p> <p>Texture :</p> <p>To collect and arrange tactile textured planes / shapes of different materials e.g. papers, cardboards, cloth/ fabrics, wood, sunmica, glass, coloured papers etc. for knowledge sake.</p> |

1.3 COLOUR

- | | | | |
|-------|---|-------|--|
| 1.3.1 | Introduction to colour theory, light and colour phenomenon, and physical basis of colour. | 1.3.1 | Sketch Book Work |
| 1.3.2 | Pigment theory of colour, dimensions / properties of colour – hue, value and intensity. | 1.3.2 | -- |
| 1.3.3 | Hue | 1.3.3 | Hue |
| - | Meaning, classification of colours – primary, secondary, intermediate, tertiary and quaternary colours; six standard colours, colour wheel, complementary colours, warm | - | <p>To practise colour mixing judiciously and prepare chart of colour wheel showing classification and other categories of hue.</p> <p>• on 1/2 imperial cartridge/ handmade paper sheet in poster colours.</p> |

- and cool colours, advancing and receding colours; effects of colours.
- 1.3.4 Value**
- Meaning, value scale.
 - Value, tones, tints and shades, effects of different values, methods to change value.
- 1.3.5 Intensity**
- Meaning, effects of different intensities.
 - Methods to make colours more intense/dominant :
 - i) by placing next to its complement.
 - ii) by combining it with neutral.
 - iii) by repeating near it a large amount of the same hue in a lower intensity, and
 - i) by repeating in some other part of a composition a small note of the same hue in a brighter intensity.
 - **Methods to create broken / neutralized/less intense colour:**
 - i) by mixing complementary colour, and
 - ii) by mixing neutral gray.
 - **Methods of keying the colours :**
 - i) by neutralizing
 - ii) by tying together by means of a neutral colour.
 - iii) by mixing them to introduce a colour in common.
- 1.3.6 Colour Combinations/ Harmonies :**
- Terms: achromatic, monochromatic, bi-chromatic and poly-chromatic colour schemes.
 - Achromatic colour schemes.
 - Related harmonies – monochromatic and analogous.
 - Contrasting harmonies – complementary, double complementary, split complementary and triadic.
- 1.4 DESIGN : PRINCIPLES**
- 1.4.1 Harmony :**
- Definition, five aspects of harmony
- 1.4.2 Proportion :**
- Definition, three aspects of proportion :
- 1.4.3 Balance:**
- Definition ; formal and informal balance, application in space division and decorative designing.
- 1.4.4 Rhythm :**
- Definition, methods to gain rhythm in a composition :
- 1.4.5. Dominance :**
- Definition, methods to create dominance.
- 1.3.4 Value**
- To practise colour mixing judiciously with black and white for creating chart of colour values, tints and shades.
 - on 1/2 imperial cartridge / handmade paper sheet in poster colours.
- 1.3.5 Intensity :**
- To mix colours judiciously in affecting intensity of colours.
 - To create creative chart of different colour intensities showing the methods of making colours more intense and broken/neutralized.
 - on 1/2 imperial cartridge/ handmade paper sheet in poster colours.
- 1.3.6 Colour combinations/ harmonies :**
- To prepare creative charts of each colour combination using various colours in their varied values and intensities.
 - on 1/2 imperial cartridge/ handmade paper sheet in poster colours.
- To explain and illustrate principles of design and other technical terms and definitions the help of teaching aids like charts, models, pictures, paintings, designs and computer should be taken.
- To apply relevant aspects of all the principles of design in design work to be executed during each term of the training period.

5-8 UNIT – 2 JOB RELATED EXERCISES

- | | |
|---|--|
| <p>2.1 Introduction to planar (infinite pattern), linear (frieze or border) and centred (finite pattern) designs.</p> <p>2.2 Understanding flowers and leaves as motifs, indispensability of flowers and leaves to be motifs for decorative design.</p> <p>2.3 Understanding of flowers as dominant motif-figures, their structure, salient features, study from different angles and levels, stylization and ornamentation of the following suggested flowers :</p> <ul style="list-style-type: none"> - Family: Amryllidaceae <ul style="list-style-type: none"> • Flowers : Amaryllis, Narcissus. - Family: Apocynaceae <ul style="list-style-type: none"> • Flower : Periwinkle. - Family: Compositae <ul style="list-style-type: none"> • Flowers : Aster, Centaurea, Chrysanthemum, Marigold cosmos/ or Helianthus (Sun Flower) Zinnia. - Family: Liliaceae <ul style="list-style-type: none"> • Flower : Water lily (Lotus) - Family: Malvaceae <ul style="list-style-type: none"> • Flower : Hibiscus Rosa (Shoe Flower) - Family: Rosaceae <ul style="list-style-type: none"> • Flower : Rose - Family: Solanaceae <ul style="list-style-type: none"> • Flower : Petunia or Datura - Family: Tropaeolaceae <ul style="list-style-type: none"> • Flower : Nasturtium <p>2.4 Introduction to the terms – motif, repeat, unit as a repeat, unit of the repeat, placement -- a surface area where design is to be organized, which gives the idea of pattern extended over whole of the surface of the item; arrangement of figures i.e. half-drop, drop-reverse, bi-symmetrical, multi-symmetrical figures, asymmetrical figures etc.</p> | <p>2.1 --</p> <p>2.2 --</p> <p>2.3 Preparing at least 10 sheets of drawings of different flowers and leaves in natural appearance from different angles and levels, then rendering in decorative form with ornamentation, for the purpose of making them befitting motifs for design.</p> <ul style="list-style-type: none"> • on 1/4 imperial cartridge sheet. At least one sheet per flower and leave of different kinds should be prepared in pencil/ coloured pencils/ coloured sketch pens/poster colours. <p>2.4 Practical exercises in figure arrangements would be done in the prescribed designs during prescribed terms/ units ahead.</p> |
|---|--|

9-12 UNIT – 3 PRACTICAL JOBS

- | | |
|--|---|
| <p>3.1</p> <ul style="list-style-type: none"> - Understanding and judging the appropriateness of planar (infinite) all over pattern for whole surface area of bed sheet, pillow cover, dress fabrics, as one of the manners of surface decoration. - Understanding rectangle based 'Unit as a Repeat' as a suitable figure arrangement for all over pattern. | <p>3.1</p> <ul style="list-style-type: none"> - Preparing decorative motifs of suggested flower and leaves, stylizing, ornamenting and setting to construct units / repeats of motifs and pattern. - Finishing the designs/ patterns decoratively, fulfilling the following pre-requisites. <p>Designs for Motif</p> <ul style="list-style-type: none"> - Bed sheet, pillow cover - Flowers and leaves <ul style="list-style-type: none"> • suggested flower Amaryllis <p>Placement</p> <ul style="list-style-type: none"> - All over <p>Figure arrangement</p> <ul style="list-style-type: none"> - Unit as a repeat <ul style="list-style-type: none"> • base : rectangle |
|--|---|

Texture	- Handmade/Cartridge paper
Size	- 1/4 imperial sheet.
Colours	- 3-4 • background : white • figures and ornamentation : 3-4 values
Colour Scheme	- Monochromatic
Medium	- Poster Colours

3.3

- Comprehending and justifying planar (infinite) design i.e. all over pattern for the required body area of wall/ floor as one of the manners of surface decoration.
- Comprehending diamond / diagonal waved line based 'Half-Drop Device' as a suitable figure arrangement for all over pattern, single ceramics tile being a repeat.

3.3

- To prepare decorative motifs of suggested flower and leaves, stylize, with ornamentation and setting to construct units/ repeats of the designs with ornamentations.
 - Finishing the designs/ patterns decoratively fulfilling the following pre-requisites.
 - suggested flower : Periwinkle
- Designs for - Walls, floor
- Motif - Flowers and Leaves
- Placement - All over
- Figure arrangement - (Single tile repeat) half -drop device
- base : diamond : diagonal waved line.
- Texture - Handmade/ cartridge paper
- Size - 1/4 imperial sheet.
- Colours - 3-4, including background
- Colour Scheme - Triadic
- Medium - Poster Colours

UNIT – 4 PRACTICAL JOBS

13-14

4.1

- Comprehending and justifying the suitability of linear (border) design for the border/outer surface area of sari, table cloth, pillow cover, dupatta, towel, shawl, book cover, mounting board etc.
- Comprehending vertical waved line based 'Drop-Reverse Device' as a suitable figure arrangement for border and body.

4.1

- Stylized and ornamented preparation of suggested flower and leaves as motifs and setting to construct units/ repeats of designs with ornamentation.
 - Finishing the designs/ patterns decoratively fulfilling the following pre-requisites :
- Designs for - Sari, dupatta, towel, shawl etc.
- Motif - Flowers and leaves.
- suggested flower : Aster
- Placement - Border
- all over ornamentation at body
- Figure arrangement - Drop – reverse device
- base : rectangle
- Texture - Handmade/ cartridge paper
- Size - 1/4 imperial sheet.
- Colours - 3-4, including background
- Colour Scheme - Complementary
- Medium - Poster Colours

15-16 Revision/Test

17-18

4.2

- Understanding and considering the suitability of linear (border) design for border area of sari and carpet.

4.2

Preparing decorative motifs of suggested flower and leaves, stylizing, ornamenting and setting to construct units/ repeats of design with ornamentation.

- Determining rectangle (unit turned at 180° angle/ bi symmetrical figure) based 'Unit as a Repeat' as a suitable figure arrangement for border design.
- | | |
|--|--|
| Finishing the designs/ patterns decoratively fulfilling the following pre-requisites : | |
| Designs for Motif | <ul style="list-style-type: none"> - Sari, Carpet. - Flowers and leaves <ul style="list-style-type: none"> • suggested flower • : Centauria |
| Placement | <ul style="list-style-type: none"> - Corner and Border. <ul style="list-style-type: none"> - All over ornamentation at body |
| Figure arrangement | <ul style="list-style-type: none"> - Unit as a repeat <ul style="list-style-type: none"> • base : rectangle unit turned at 180° angle/ bi-symmetrical figure |
| Texture | - Handmade / cartridge paper |
| Size | - 1/4 imperial sheet |
| Colours | - 3-4, including background |
| Colour scheme | - Double complementary |
| Medium | - Poster Colours |

19-22 UNIT – 5 PRACTICAL JOBS

5.1

- Understanding and judging the appropriateness of all over pattern and border design for body and border respectively as one of the methods of decorating carpet.
- Understanding rectangle based 'Drop – Reverse Device for all over pattern and rectangle based geometrical ornamentation for border as a suitable figure arrangement respectively.

5.1

- Preparing decorative motifs of suggested flower and leaves, stylizing, ornamenting and setting to construct units/ repeats of designs with ornamentation.
 - Finishing the designs/ patterns decoratively fulfilling the following pre-requisites :
- | | |
|--------------------|---|
| Designs for Motif | <ul style="list-style-type: none"> - Carpet, Curtain - Flower and leaves <ul style="list-style-type: none"> • suggestive flower : Cosmos or Helianthus |
| Placement | <ul style="list-style-type: none"> - Vertical stripes / continuous vertical stripes. • geometrical ornamentation at one horizontal border. |
| Figure arrangement | <ul style="list-style-type: none"> - All over : drop-reverse device <ul style="list-style-type: none"> • base : rectangle–bi-symmetrical figure - Border : geometrical ornamentation <ul style="list-style-type: none"> • base: Vertical waved line |
| Texture | - Handmade /Cartridge paper |
| Size | - 1/4 imperial sheet |
| Colours | - 3-4, including background |
| Colour Scheme | - Neutralized contrasting colours |
| Medium | - Poster Colours |

5.2

- Understanding and judging the consideration of planar (infinite) i.e. all over pattern for the whole surface area of tapestry, wall paper, abri paper.
- Determining diamond based 'Half-Drop Device' and rectangle based - (bisymmetrical figure) 'Unit as a Repeat' suitable arrangement for

5.2

- Preparing decorative motifs of suggested flower and leaves, stylizing, ornamenting and setting to construct units / repeats of designs with ornamentation.
 - Finishing the designs/ patterns decoratively fulfilling the following pre-requisites :
- | | |
|-------------|-------------------------------------|
| Designs for | - Tapestry, Wall paper, abri papper |
|-------------|-------------------------------------|

all over pattern.	Motif	- Flowers and leaves / geometrical shapes. • suggested flower : Water Lily (Lotus)
	Placement	- All over
	Figure arrangement	- Half –drop device • base : diamond - Unit as a repeat • base:rectangl—bi-symmetrical figure
	Texture	- Handmade/Cartridge Paper
	Size	- 1/4 imperial sheet
	Colours	- 3-4, including background.
	Colour Scheme	- Warm and cool colours. • middle to light values. minimum contrast.
	Medium	- Poster colours.

23-26 UNIT – 6 PRACTICAL JOBS

6.1

- Understanding and determining the appropriateness of centred (finit) design for the central surface area of cushion cover.
- Understanding circle based multi-symmetrical figure with unit turned round at angle 120°, and square based multi-symmetrical figure with unit turned round at angle 90° as suitable figure arrangement for centre design.

6.1

- Preparing decorative motifs of suggested flower and leaves, stylizing, ornamenting and setting to construct units /repeats of designs with ornamentation.
- Finishing the designs/ patterns decoratively fulfilling the following pre-requisites :

Design for	- Cushion cover, Table cloth.
Motif	- Flowers and leaves. • suggested flower : Rose
Placement	- Body (centre) Border (as ring/square)
Figure arrangement	- Multi-symmetrical figure with unit turned round at angle 120°. • base : Circle. - Mutli-symmetrical figure with unit turned round at angle 90° • Base : Square
Texture	- Handmade/cartridge paper.
Size	- 1/4 imperial sheet.
Colours	- 3-4, including background.
Colour scheme	- Triadic.
Medium	- Poster colours

6.2

- Understanding and deciding the suitability of centred (finit) design for central /corner surface area of required items e.g. floor, ceiling, cushion, pillow cover etc.
- Considering triangle/square /circle/ regular polygon based bi-symmetrical/ multi-symmetrical figure as suitable figure arrangements for the required designs.

6.2

- Preparing decorative motifs of suggested flower and leaves, stylizing, ornamenting and setting to construct units/ repeats of designs, with ornamentation.
- Finishing the designs/ patterns decoratively fulfilling the following pre-requisites :

Designs for	- Dress Fabric
Motif	- Flowers and leaves. • suggested flower: Nasturtium
Placement	- Body (centre)/corners
Figure arrangement	- Bi- symmetrical figure • base : triangles -

- equilateral/ isosceles.
- Multi –symmetrical figure.
 - base :
 - circle/square/regular
 - hexagon/ regular
 - octagon
- Handmade/cartridge paper
- 1/4 imperial sheet.
- 3-4, including background
- Split complementary.
- Poster colours.

Texture
Size
Colour
Colour Scheme
Medium

27-30 UNIT – 7 PRACTICAL JOBS

- | | |
|---|--|
| <p>7.1 Understanding birds, animals and insects as motifs, their indispensability to be motifs – along with floral ornamentation -- of decorative designs.</p> <p>7.2 Understanding birds, animals and insects as dominant motif-figures, their anatomy; salient features; graceful movements, study from different angles, levels and in different postures, stylization and ornamentation of the followings :
Butterflies, camel, cock, crane, deer, elephant, fishes, horse, lion/tiger, parrot, peacock, pigeon, rabbit and swan.</p> <p>7.3 Introduction to the term ogee as a base for figure/unit/repeat, alongwith revision of all the terms listed at section 3.4 of First Year syllabus i.e. motif, unit, repeat, unit as a repeat, unit of the repeat, placement, arrangements of figures – half drop, drop-revers, bi-symmetrical, multi-symmetrical and asymmetrical figures.</p> | <p>7.1 -</p> <p>7.2. Preparation of at least 10 sheets, each for the prescribed bird/animal/ insect in natural appearance, from different angles, levels and in different postures, then rendering in decorative form with floral ornamentation, for the purpose of making them befitting motifs of design.</p> <p>7.3 Practical exercises in figure arrangements would be done in the prescribed designs during prescribed terms/units ahead.</p> |
|---|--|

31-32 Revision/Test

33-36 UNIT – 8 PRACTICAL JOBS

- | | | | |
|---|--|--|--|
| <p>8.1</p> <ul style="list-style-type: none"> - Understanding and judging the appropriateness of centered (finite) design as one of the manners of floor decoration. - Understanding square, circle and regular hexagon/octagon based multi-symmetrical figure as a suitable figure arrangement at central surface. | <p>8.1</p> <ul style="list-style-type: none"> - Preparing decorative motifs of fish stylizing, ornamenting and setting to construct unit/repeats of the designs with floral ornamentation. - Preparing and finishing designs/patterns decoratively fulfilling the following pre-requisites : <table border="0" style="margin-top: 10px;"> <tr> <td style="vertical-align: top;"> <p>Designs for Motif</p> <p>Placement</p> <p>Figure arrangement-</p> </td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> - Floor - Fish <ul style="list-style-type: none"> • Floral ornamentation. - Centre - Multi-symmetrical figure. <ul style="list-style-type: none"> • bases : square / circle / regular hexagon or octagon. </td> </tr> </table> | <p>Designs for Motif</p> <p>Placement</p> <p>Figure arrangement-</p> | <ul style="list-style-type: none"> - Floor - Fish <ul style="list-style-type: none"> • Floral ornamentation. - Centre - Multi-symmetrical figure. <ul style="list-style-type: none"> • bases : square / circle / regular hexagon or octagon. |
| <p>Designs for Motif</p> <p>Placement</p> <p>Figure arrangement-</p> | <ul style="list-style-type: none"> - Floor - Fish <ul style="list-style-type: none"> • Floral ornamentation. - Centre - Multi-symmetrical figure. <ul style="list-style-type: none"> • bases : square / circle / regular hexagon or octagon. | | |

Texture	- Handmade/ Cartridge paper.
Size	- 1/4 imperial sheet
Colours	- 3-4 values, including background
Colour Scheme	- Monochromatic
Medium	- Poster Colours

8.2

- Understanding and judging the appropriateness of centred (finit) design as one of the manners of decorating tray, sari, pillow cover, table cloth, bed cover etc.
- Understanding right angled triangle based asymmetrical figure/ unit as suitable figure arrangement at corner.

8.2

- Preparing decorative motifs of **parrot, crane** stylizing, ornamenting and setting to construct units/ repeats of designs with floral ornamentation.

- Preparing and finishing designs/patterns decoratively fulfilling the following pre-requisites :

Designs for	- Tray, sari, table cloth, etc.
Motif	- parrot, crane
Placement	- Floral ornamentation
	Corners

Figure arrangement-	Single unit
	• base : right angled triangle –

asymmetrical/ bi-symmetrical figure

Texture	- Handmade/ cartridge paper
Size	- 1/4 imperial sheet.
Colours	- 3-4, including background.
Colour Scheme	- Analogous
Medium	- Poster Colours

37-40 UNIT – 9 PRACTICAL JOBS

9.1

- Understanding and judging the appropriateness of centred (finit) and linear (border) designs for ceramics plate/bowl as one of the manners of decoration.
- Comprehending circle based multi-symmetrical figure /unit for central surface area and continuous circular stripe for border as suitable figure arrangement.

9.1

- Preparing decorative motifs of **peacock, swan** stylizing, ornamenting and settling to construct units/ repeats of the designs, with floral ornamentation.
- Preparing and finishing designs/patterns decoratively fulfilling the following pre-requisites :

Designs for	- Ceramics plate/bowl
Motif	- Peacock / swan
	• floral ornamentation
Placement	- Centre/ circular border.
Figure arrangement-	Multi-symmetrical figure / unit.

- base : circle
- Continuous circular stripes for border.

Texture	- Handmade/ cartridge paper
---------	-----------------------------

Size	- 1/4 imperial sheet.
------	-----------------------

Colours	- 3-4, including background.
---------	------------------------------

Colour Scheme	- Analogous (cool colours)
---------------	----------------------------

Medium	- Poster Colours.
--------	-------------------

9.2

9.2

- Understanding and judging the appropriateness of linear (border design) as one of the manners of double border decoration of sari and carpet.
- Understanding rectangle (unit

- Preparing motifs of **pigeon, butterfly** stylizing, ornamenting and applying to construct units/ repeats of designs with floral ornamentation.
- Preparing and finishing designs/patterns decoratively fulfilling the following pre-

turned round at 180° angle) based 'Unit as a Repeat' as a suitable figure arrangement in double border design.

requisites :	
Designs for Motif	- Sari, Dupatta - Pigeon/butterfly • Floral ornamentation
Placement	- Double border • Body –ornamentation only
Figure arrangement-	Unit as a repeat • base : rectangle--unit turned round at 180° angle.
Texture	- Handmade/ cartridge paper
Size	- 1/4 imperial sheet.
Colours	- 3-4, including background.
Colour Scheme	- Split complementary
Medium	- Poster Colours

41-44 UNIT – 10 PRACTICAL JOBS

10.1

- Understanding and justifying the appropriateness of centred (finit) design as a manner of decorating surface of cushion cover fabric.
- Understanding the suitability of the following figure arrangements (with ornamentation of design) for centred design.
- (a) Circle : symmetrical figure – with unit turned round at 120° angle.
- (b) Square : multi-symmetrical figure – with unit turned round at 90° angle.

10.1

- Preparation of motifs based on **Deer, Horse** stylizing, ornamenting and setting to construct in units/ repeats of designs with floral ornamentation.
- Preparing and finishing designs/patterns decoratively fulfilling the following pre-requisites :

Designs for Motif	- Cushion cover - Deer/Horse • floral ornamentation
Placement	- Centre (body)
Figure arrangement-	Multi-symmetrical figure – unit turned round at 120° angle. • base : circle - Multi-symmetrical figure – unit turned round at 90° angle. • base : square
Texture	- Handmade/cartridge paper
Size	- 1/4 imperial sheet.
Colours	- 3-4, including background
Medium	- Analogous : warm and cool colours.
Medium	- Poster Colours.

10.2

- Understanding and determining the appropriateness of planar (all over pattern)/ linear(Vertical stripes) design as manners of tapestry, wall paper and abri paper surface decoration.
- Understanding rectangle based 'Unit as a Repeat' and diamond/ Ogee based 'Drop-Reverse Device' as suitable figure arrangements for all over / vertical stripes design.

10.2

- Preparation of motifs based on **Zebra, Elephant** stylizing, ornamenting, and setting in units / repeats of designs with floral ornamentation.
- Preparing and finishing designs/patterns decoratively fulfilling the following pre-requisites :

Designs for	- Tapestry, wall paper, abri paper.
Motif	- Zebra/Elephant • floral ornamentation.
Placement	- All over/vertical stripes.
Figure arrangement-	Unit as a repeat • base: rectangle - Drop-reverse device • base : diamond/ogee

Texture	- Handmade/Cartridge paper
Size	- 1/4 imperial sheet
Colours	- 3-4, including background
Colour Scheme	- Own choice, with • middle and lighter tones,or • middle and darker tones • minimum contrast for tapestry and wall paper designs.
Medium	- Poster Colours

10.3

- Understanding and judging central (finit) design as a manner of decorating a surface for wall-hanging, towel and carpet.
- Considering square, rectangle and circle based asymmetrical figure as a suitable figure arrangement for one scene design.

10.3

- Preparing decorative motifs based on **Lion, Dinosaur** stylizing, ornamentating and setting in one scene design with ornamentation.
- Preparing and finishing designs/patterns decoratively fulfilling the following pre-requisites :

Designs for	- Wall hanging, towel, carpet.
Motif	- Lion/Dinosaur • floral ornamentation
Placement	- Body – one scence
Figure arrangement	- Asymmetrical figure • base square/rectangle/ circle.
Texture	- Handmade/ cartridge paper.
Size	- 1/4 imperial sheet.
Colour	- 3-4, including background.
Colour Scheme	- Any standard colour scheme
Medium	- Poster colours.

45-48

- Revision /Test

- Revision

TOOLS / EQUIPMENTS TO BE BROUGHT BY THE STUDENT:

1. Drawing board 1/2 imperial size, pasting board 1/2 imperial size, 6mm ply board 1/2 imperial size, drawing pins, drawing board clips, glued paper tape.
2. For Drawing :-Mathematical instruments, set squares (large size), T- Square, drafter, scale (plastic and steel), eraser (non-dust), stencils of Punjabi, Hindi and English.
3. For Space /Surface :
 - Sketch book (medium size), cartridge paper, handmade paper, kent paper, tracing paper (best quality).
4. For Colouring / Rendering :- Poster colours of various hues, black drawing ink, graphite lead pencils of 2 H, HB, B, 2B, 4B grades, coloured pencils, coloured sketch pens, Croquill pen, ruling pen/ liner, ink-bow (large size), sable hair brushes – round nos. 0-6, flat no. 12.
5. For Mounting/ Framing :-Mount board, coloured cello tapes, transparent plastic paper, adhesives – glue, gum and synthetic resin adhesives.
6. Colour palette for poster colours, sand paper no. 0, knife, cutter, water pan, rag/ hand kerchief.

BIBLIOGRAPHY

ENGLISH

- Campana, D.M., Book of Decorative Design, Vol. 1 and 2, D.M. Campana Art Co., Chicago, Ill.
- Chaman – Kiran, Alankar : Textile Designs, Raj Hans Prakashan, Ram Nagar, Merut (U.P.)
- Ching, Francis D.K., Architecture : Form, Space and Order, Van Nostrand Reinhold, New York.
- Dhawan, A.K. and Sonia, Sonu's Creations : Design Vol. I & II, Tip Top Trading Co. Opp. Shivala Sanglan, Ludhiana (Pb.)
- *Designs for Shawls* : Webb and Bower Michael Joseph, London.
- *Divine Textile Designs* : Fashion and Art Communications, Madrasa Road, Kashmiri Gate, Delhi.
- Dongerkery, Kamlesh S, *The Indian Sari*, All India Handicrafts Board, Ministry of Commerce and Industry, Govt. of India.
- Goldstein, Harriet and Goldstein, Vetta, Art in Everyday Life Oxford & IBH Publishing Co., Mumbai.
- Graves, Maitland, Colour Fundamentals, McGraw – Hills Book Company, New York.
- Harlan, Calvin, Vision and Invention, Prentice Hall Inc., Englewood Cliffs, N.J.
- Manisha, Sangrah : Ethnic Indian Textile Designs, Indica Publishers, Rohini, Delhi.
- Mehta, M.M. and Adurkar, V.S., Free Drawing, Part 3 (Birds and Animals), J.V. Navlakhi & Co., Kalbadevi Road, Mumbai.
- Pizzetti, Ippolito and Cocker, Henry, Flowers : A Guide for your Garden, Vol. I & II, Harry N. Abrahms Inc., Publishers, New York.
- Ritu's Innovative Designs, Indica Publishers, Rohini, Delhi.
- Wade, David , Geomerical *Patterns and Borders*, Van Nostrand Reinhold, New York.

JOURNALS :

- Marg Vol. XVIII : Indian Carpets Special No Sept. 1965, Marg Publications, Bank Street, Mumbai.

HINDI

- e) Chaman-Kiran Alankar Bhag 1-4 (Aalekhan), Raj Hans Prakashan Mandir, Ram Nagar, Merut (U.P.)

GUIDELINES FOR THE TEACHERS

1. For preparing the grounds for actual practical jobs, some preliminary exercises for preparation of motifs, units and repeats, along with some placements and colour applications may be done during the term of Unit-2 & 7.
2. Surface area for a design is 1/4 imperial sheet i.e. 25cm x 35cm. A design must be enclosed within this area and it shall be marked/outlined, either area around the design is ornamented or not. This space should not be decreased while pasting / setting or trimming the sheet. Space for information entries should be provided outside the boundary line but at the top of sheet.
3. Name of motif prescribed for each design is suggestive, it may be substituted by 'own choice'.
4. Where in addition to the prescribed placement of motif -- border or other kind of ornamentation is a pre-requisite, geometrical ornamentation may be used.
5. More than one prescribed figure arrangements and basis stand for more than one design.
6. As there are so many varieties of one kind of flower, preparation of motifs may be kept limited to the typical varieties of a prescribed flower that too conjoined / ornamented by the foliage of the same variety or the other kinds of flower - plants.
7. In a unit / repeat dominant flower comprises a motif / figure. Some other kinds of flowers may judiciously be used for ornamentation.
8. Similarly colour scheme prescribed for each design is 'suggestive', it may be substituted by others. But standard colour schemes should preferably be adopted. A neutral colour may be used in addition to prescribed numbers of colours.
9. Time devoted to prepare a design should not be more than two consequent periods. In every respect finished design must be checked / evaluated upto the 2nd consequent period.
11. The students should be asked to prepare one scrap - book of ready reference of flowers / leaves/birds/insects/animals, prescribed in the syllabus and a record file for the motifs/units/ repeats prepared during practical work, for further references.

INSTRUCTIONS FOR THE PAPER SETTERS

1. From 'Punjab State Board of Technical Education and Industrial Training' side, it should be informed to paper setters / examiners that the course is practically a foundation course for each specialization course. Therefore, upgraded, complex, lengthy and quiz-type questions should not be set.
2. Guidelines for the teachers should be read thoroughly.
3. In the prescribed syllabus every aspect of the subject is made clear. Therefore, question paper must strictly be set from the prescribed syllabus.
4. The students should be given a choice in attempting either of two questions. In one question choice of at least three kinds of flowers should be given.
5. Question paper should be in Punjabi, Hindi and English; themes, terms and spellings being clear, correct and standardized.
6. Distribution of marks may be mentioned according to the 'instructions for the examiners.
7. Model question papers based on the prescribed syllabus, being sent herewith should be followed.

INSTRUCTIONS FOR THE EXAMINERS

1. This course is a foundation course for specialization course. Therefore, marking should be accordingly.
2. Distribution of marks :

I.	Construction of motif/ unit / repeat	=	20 marks
II.	Figure arrangement and ornamentation	=	20 marks
III.	Colour scheme / tone distribution	=	15 marks
IV.	Colouring / inking / rendering	=	20 marks
V.	Size of sheet, neatness, trimming of sheet, mounting/ framing etc.	=	05 marks
			Total 80 marks
			Sessional : 20
			Grand Total :100

COMMERCIAL ART (PRACTICAL)

OBJECTIVES

- To develop creative abilities such as visualization and designing in the field of commercial art.
- To impart theoretical/practical knowledge of commercial art.
- To develop artistic skills.
- To develop skills and techniques needed for illustration.
- To develop understanding of human psychology in respect of preparation of advertising designs.
- To let student know the place of commercial art in everyday life.
- To enable student- teacher to understand the co-relation of arts and crafts with reference to commercial art.
- To develop an understanding about materials and methods involved and limitations and possibilities of technical processes through the study of related subjects.

TEACHER'S ACTIVITIES: - Lecturing, demonstration and instructions.

STUDENT'S ACTIVITIES:-Listening, Taking notes and prepares different jobs.

2nd Year **WEEK WISE PROGRAMME**

Unit-1

ALPHABETS WRITING

1-2

- Introduction to hand lettering and typography, construction of letters, capital and small letters, thick and thin strokes and spacing.
- Importance of commercial art in daily life.
- Importance of commercial art in the field of employment.
- Introduction to the use/working of drawing /inking/ colouring/ instruments i.e. liner, ink bow, crow quill pen, script nibs, compass, set square, brush, pencils etc.

3-4

- Prepare colour chart, for –primary, secondary and tertiary colour.
- Prepare colour shade card

5-8

- Prepare a drawing of English Alphabets in 5:3 ratio on graph paper.
- To give correction of above alphabets to all the students and trace the same on art card/Hand made sheet.
- To complete in all respects the above chart with black ink /Poster colour.
- Prepare a drawing of English alphabets in 7:4 ratio on graph paper.
- To give correction of above alphabets to all the students and trace the same on art card/Hand made sheet.
- To complete in all respects the above chart with black ink/poster colour.

Unit 2

9-11

- Prepare a drawing of Punjabi Alphabets (Gurmukhi Lipi) in suitable ratio on graph paper.
- To give correction of above Alphabets to all the students and trace the same on art card/ hand made sheet.
- To complete in all respects the above chart with black ink/poster colour.

12-14

- Prepare a drawing of a Hindi Alphabet (Devnagari script) in suitable ratio on graph paper.
- To give correction of above Alphabet to all the students and trace the same on art card/ hand made sheet.
- To complete in all respects the above chart with black ink/ poster colour.

15-16

Revision/Test

Unit 3

17-22

SLOGAN:

Prepare a drawing of given below English/Punjabi and Hindi SLOGANS on the graph paper and trace the same on a Art card/Hand made sheet.

- **TRUTH IS EVERGREEN**
- □□○□□□□□ □□□□□□ □□□□□□
- jX jvwn jX ikswN
- **ART IS LIFE**
- ◊○□□□ □□□□ □□□□□□ □□□□□□
- sœXN iSvN suñdrm@

To complete the above slogans in all respects with Black ink/Poster colour.

Unit 4

23-25

BOOK COVER DESIGNS

- Prepare a drawing for cover design of “**PUNJAB NOTE BOOK**”
- Prepare a drawing for cover design of “**NATIONAL SKETCH BOOK**”.
 - To give correction of above design to all the student and trace the same on hand made sheet.
 - To complete the above design in all respects with four colors.

UNIT- 5

26-30

MONOGRAM AND LETTER HEAD DESIGN

- Introduction about the elements of layout like headline, slogan, copy matter, illustration, trademark and logo. Introduction to various types of illustrations sketch type, cartoon and stylized form.
- Demonstration for sketching both in color and black and white. Lettering as a design form, study of some basic types of lettering.
MONOGRAM AND LETTER HEAD DESIGN.
- Prepare a drawing of Monograms /Trade mark on drawing sheet.
- To give correction of above drawing and trace the same on Art Card/Hand made sheet.
- To complete the above drawing in all respects with Black ink/Poster colour.
- Prepare a drawing of letter Head design on ordinary sheet.
- To give correction of above design to all the students and trace the same on Art Card/ Hand made sheet.
- To complete the above design in all respects with black ink /poster colour.

31-32

Revision/Test

UNIT- 5

33-35

- Prepare drawing for cover design of “**INDIA TODAY**”
- Prepare a drawing for cover design of “**HISTORY OF ART**”.
 - To give correction of above design to all the student and trace the same on hand made sheet.
 - To complete the above design in all respects with four colors.

UNIT- 6

36-38

POSTER DESIGNS

- Prepare a drawing for poster design of “**PUNJAB HANDICRAFTS**”
- Prepare a drawing for poster design of “**ART EXHIBITION**”
 - To give correction of above design to all the students and trace the same on hand made sheet.
 - To complete the above design in all respects with four colours .

UNIT- 7

(LAYOUT DESIGNS)

39- 41

- Prepare a drawing for layout design of “**COLGATE TOOTH PASTE**”.
- Prepare a drawing for layout design of “**AKAI TELEVISION**”.
 - To give correction of above design to all the student and trace the same on hand made sheet
 - To complete the above design in all respects with four colours.

UNIT- 8

(GREETING CARDS)

42- 44

- Prepare a drawing for greeting card of “ **DIWALI GREETINGS & NEW YEAR GREETINGS**”
- Prepare a drawing for greeting card of “**Birth Day & Other Occasions**”.
 - complete the above design in all respects with four colours.

45-48

- Revision and test.

MEDIUM:- black drawing sheet / poster colors.

SURFACE:- art card / hand made sheet/ cartridge sheet.

SIZE: - $\frac{1}{4}$ imperial sheets (25 cm x 35 cm) for layouts, book covers, greeting cards
 $\frac{1}{2}$ matter sheet for poster design only.

ACHIEVEMENT:- compulsory for every student to complete 25 to 30 jobs in a year.

GUIDELINE FOR TEACHERS:

Before started the actual work of the subject student should be introduced to the use/ working of drawing / inking / coloring / instruments like liner, ink bow, crow quill pen, script nibs, compass, set square, brush, pencil and knowledge about the head line, slogan, copy matter, trademark, logo and illustration.

Though in the examination question of alphabets and slogan/ quotations will be asked to attempted in block letters only teacher should train them in other type of lettering and free hand lettering with brush and script nibs.

Students should be asked to prepare and maintain a scrapbook containing references from magazines and newspapers. Students should be conducted to visit printing presses and advertising agencies for gaining practical knowledge of printing process.

INSTRUCTIONS FOR THE PAPER SETTER/EXAMINER:

- A reasonable choice should be given in the question paper.
- Question should be strictly according to the syllabus. It should not be high graded.
- In the question of slogan / quotation not more than fifteen (15) letters should be given
- Maximum four colours should be asked to use where required.
- Question paper should be in English, Hindi & Punjabi with correct technical terms and spellings.
- The references form magazines and newspaper cuttings should be allowed for student in the examination.

DISTRIBUTION OF MARKS: -

• Composition and spacing	: 30
• Coloring/Inking	: 30
• Finishing	: 20
Total	: 80
Sessional	: 20
Grand Total	:100

MATERIAL LIST (COMMERCIAL ART) TO BE BROUGHT BY THE STUDENT

1. Drawing board ½ imperial sheet.	1 No.
2. Drawing board ¼ imperial sheet.	1 No.
3. Drawing board clip / Pins / Paper Tape / Salo tape.	as per requirement
4. Set –esquire / Scales.	1 set
5. Pasting board ½ imperial sheet.	1 No.
6. Color plate plastic (Egg Type).	1
7. Plastic mug and glass.	1
8. Poster colors of different shades.	1 boxes
9. Black ink (waterproof).	1 bottles
10. Crouquill Pen, Holder, Drafter.	1 No.
11. Brushes round headed from no. 0 to 12.	as per requirement
12. Brushes flat from no. 0 to 10.	as per requirement
13. Script Nibs round headed.	1 box
14. Script nibs flat headed.	1 box
15. Pencils H.B, 2H, 6B.	as per requirement
16. Instruments box for drawing purpose.	1No.
17. Eraser, tracing paper, graph papers.	as per requirement
18. Different kinds of drawing sheets	as per requirement

BOOKS

- Campaign, DM monograms and Fancy Letters Art co.chicago.
- IBID: - The teacher of Advertising and Lettering.
- IBID: - The teacher of lettering, show card sign painting.
- GARD: - Hand book of type and lettering.
- GEROGGE, ROSSF, and SPEEDBALL: - Textbook of pen and brush lettering C.HOWARD HUNT
PEN Company, New JERSEY.
- Signs and symbols: - ADRIAN FRUTIGER VAN NOSTRAND REINHOLD INT.
- Kuwayuama, Y, Trade mark collection KASBIWASHOBA.
- The teacher of GREETING CARD of all kinds ART CO.CHICAGO.
- BEST OF NEWSPAPER DESIGN HEARST BOOKS INT.
- GRAPHIC POSTER: - Graphic press crop.
- TRADEMARKS AND SYMBOLS OF THE WORLD –2.
- MODERN MAGIZINE DESIGN :-Owen William.
- ILLUSTRATION OF ADV. :-Dick ward
- HOW TO CREATE SUCCESFUL CATALOGUES
- DESIGNING WITH ILLUSTRATION:- Steven of Karen
- FIGURE DRAWING AND ANOTOMY FOR ARTIST: -JONES RAYNES.
- SIGN DESIGN: - PSC International.
- TESTED ADVERTISING METHODS: - CAPLES, JOHN.
- HIGHTECH TRADE MARKS.
- DESIGNERS GUIDE TO TYPOGRAPHY: -AIDRICH-RUNENZEL.
- LABEL DESIGN: - CLAUDE HUIMBERT.
- A TECHNIQUE FOR PRODUCING IDEAS: -YOUNG J.W.
- ANIMAL ANATOMY: - ELLEN BERGER.
- CREATIVE FIGURE DRAWING :-MARTIN
- PRINT MAKING TODAY: - JULES, HELLER.

GEOMETRICAL DRAWING

OBJECTIVES :

- To enable the pupil teacher to understand correlation's of Art and craft with geometrical drawing
- To develop his power of invention and creativity.
- To inculcate the sense of interior decoration in various geometrical shapes. Keeping in view the Architectural aspects of buildings and pyramids.
- Geometry and scale perspective drawing is the part and parcel of the engineering/medical courses.

DISTRIBUTION OF MARKS

Practical Marks	: 80
Sessional Marks	: 20
Total Marks	:100

TEACHER'S ACTIVITIES:- Lecturing, Demonstration with models, Instruction to the students

STUDENTS' ACTIVITIES:- Prepare constructions, Listening, Taking notes, Use/handling of instruments box

Subject;- Geometrical/ Drawing

1st Year

WEEK WISE PROGRAMME

1-4

1. Point and line
Kinds of line i.e.
 - Parallel line
 - Converging line
 - Vertical line etc.
2. Bisect of lines
3. Perpendiculars in the different positions.
4. Angles : Kinds of angles i.e.
 - Acute Angle
 - Obtuse Angle
 - Right Angle
 - Straight Angle
 - Reflex Angle
5. Division of lines in various different equal parts
Students should be asked to prepare the construction.
6. Making of different angles (i.e. 30° , 60° , 105° , 135° etc.)
7. Divisions of angles:
 - 1. Bisection of angles
 - 2. Trisection of angles
8. Making angles with set square and trisecting the angles with set square.

5 - 10

1. Triangles: What is triangle?, Kinds of triangles: Scalene triangle, an equilateral triangle, isosceles triangle, Acute angle triangle, obtuse angle triangle, right angle triangle.
2. Construction of triangles with given dimensions.
3. Construction of Triangles with given angles i.e. vertical angle, base angle etc.
4. Construction of triangles in the ratios of sides and angles given.
5. Construction the triangles with sum of the sides and difference of the sides.
6. Construction of triangles when perimeters, half perimeter and altitudes are given.

11-14

1. Quadrilaterals : Kinds of quadrilaterals i.e. Square, Rectangle, Rhombus, Trapezium etc.
2. Construction of the square and rectangle with a given data.
3. Construction of square with the sum of diagonals and sides, difference of Diagonals and sides, the sum of diagonal and other two sides.
4. Construction of Parallelogram, Rhombus.

5.	Construction of quadrilaterals with the given data i.e. (angles, sides and diagonals)
15-16	Revision/Test
17-20	
1.	Polygons : Type of polygon i.e. Pentagon, Hexagon, Heptagon, Octagon, Nonagon
2.	Constructions of polygons :Construction of pentagons by various methods (Regular and irregular) with general and special method. (i.e. Pentagon, Hexagon etc.)
3.	Construction of Pentagon when diagonal , angle between two sides are given.
4.	Complete the regular polygon sides being given in the position.
5.	Circle : Details of circles (diameter, radius, centre point, chord, secant)
6.	Concentric circles : eccentric circles
7.	Tangent of circles (direct and indirect tangents)
8.	Construction of touching circles (external and internal)
21-24	
1.	Ratio and proportion, divide the line in extreme an mean ratio.
2.	Divide the given line in its given fraction i.e. $1/2$, $2/5$, $1/7$ etc.
3.	Divide the line into given proportion and find the third proportional of the given line.
4.	Inscribed figures:- What is inscribed figures, inscribed triangles, rectangles, hexagon, heptagon, pentagon, similar triangles in a circle.
5.	Triangles, rectangles, square, hexagon in a square, triangle, hexagon, parallelogram rhombus etc.
25-30	
1.	Definition of described figures, Square, circle, rhombus, octagon, triangle, pentagon, about triangle, circle, rectangle, square, pentagon.
2.	Describe circles about Hexagon and circle.
3.	Hard Problems, Pentagon in a square, triangle in a pentagon, decagon in a pentagon, parallelogram in a quadrilateral, describe a quadrilateral, similar to a given quadrilateral.
4.	Inscribed circle and circles: in a sector, circle, triangle, trapezium, square, pentagon, hexagon, octagon and isosceles triangle.
5.	Semi circle and Semi circles in a triangle, trapezium, square, sector and an equilateral triangle.
31-32	Revision/Test
33-36	
1.	Plain Scale : Knowledge of plain scale, Metric system of measurement, What is R.F. (Representative Fractions) Knowledge of I.R. (Indicative Ratio)
2.	Diagonal Scale : Knowledge of diagonal scale
3.	To construct different scale to read cm, metre, km etc.
4.	What is solid? What are different types of solids? cube, prisms, pyramids, sphere, cylinder, cone, tetrahedron
5.	Knowledge of Planes :Vertical Plane, Horizontal Plane, Auxiliary Plane, Oblique Plane
6.	Kinds of projections 1. Ist angle Projection 2. Illrd angle Projections 3. Perspective Projections
37-40	
1.	Standing Positions : cube, square prism, cylinder, all prisms & All pyramids paralleled to vertical plane
2.	Angular Standing : cube, square prism, cylinder and all prisms angle with vertical plane.
3.	Triangular Pyramids and all other pyramids angles with vertical plane and horizontal plane.

41-44

1. To draw the orthographic projections of cylinder and cone in inclined to the horizontal plane.
2. Revision of hard problems about with an angle horizontal and vertical.
3. To find the point in elevation or in the plane of a sphere and pyramids.

45 - 48 Revision/Test

.

Material & Equipment for Geometrical Drawing to be brought by the Students

- | | | |
|----|---|--------------------|
| 1. | Drawing Board | 1 no. |
| 2. | Set Square | 1 set |
| 3. | Instruments Box | 1 set |
| 4. | Pencils | 1 set |
| 5. | H, 2H, HB | |
| 6. | T Square | 1 set |
| 7. | Sketch Book | 1 |
| 8. | Drawing Sheets $\frac{1}{2}$ 35×55cm (per item) | as per requirement |
| 9. | Drawing Clips/Pins | |

Material to be provided by the Institute

- | | | |
|----|----------------------------|--------|
| 1. | Big Instruments Box | 1 set |
| 2. | Solid Geometrical Material | 1 each |
| 3. | White Board | 1 |
| 4. | Marker | 1 set |

BOOKS

1. Bharti Scale Drawing
2. New Geometrical Drawing (By. R. L.Gupta)

SCALE AND PERSPECTIVE DRAWING

DISTRIBUTION OF MARKS

<u>Part-A Scale Drawing</u>	
Elevation	: 14
Side elevation	: 14
Plan	: 20
Lettering and Scale	: 7
Sessional Marks	: 10
Total	: 65
<u>Part-B Perspective Drawing</u>	
Figure of Perspective	: 20
Definition	: 5
Total	: 25
Sessional Marks	: 10
Grand Total	: 100

TEACHER'S ACTIVITIES:- Lecturing, Demonstration of different objects.

STUDENTS' ACTIVITIES:- Listening, Giving attention, taking notes and preparation of different sheets related to the topics.

2nd Year

WEEK WISE PROGRAMME

1-4

1. Delivering the lecture related to the scale drawing.
2. Use of scale cards.
3. Knowledge of isometric view.
4. Knowledge of orthographic projection.
5. Knowledge of perspective (parallel, Angular)
6. Knowledge of plane scale.
7. Definition about perspective i.e. directing line, ground line, picture line, eye level, distance of eye.
8. Definition of the following
 1. Centre vision
 2. Height of Eye
 3. Station Point
 4. Horizontal Plane etc.
9. Knowledge of eye level
 - Below eye level
 - Above eye level
 - Parallel to eyes

5-9

1. To draw elevation side plan of alphabet 'H' the measurement are given.
2. To draw elevation side plan of a Book rack from the isometric view.
3. Elevation side plan of a half top table from the given isometric view.
4. To draw a parallel perspective of a square paper equidistant from the station point.
5. To draw parallel perspective of a cube (right/left to the station point)

10-14

1. To draw elevate side plane of a simple drawing desk from the given isometric view.
2. To draw elevation side plane of bench from the given isometric sketch.
3. Elevation side plan of a file rack from the sketch.
4. To draw the plane, elevation side of drawer from the isometric sides.
5. To draw the parallel perspective of the square prism (left/right to ground line).
6. To draw the perspective of a triangular prism resting on one triangular face (left/right to ground line).

15-16 Revision/Test

17-20

1. To draw plan side and elevation of a fan regulator blocks from the isometric view sketch.
2. Drawing Desk : Draw its elevation side plan from the given sketch.
3. Elevation Side Plan of a wooden rack from the given sketch.
4. To draw a parallel perspective view of a square pyramid (left/right to the Station Point)
5. To draw a parallel perspective view of a Box (resting on ground line)

21-24

1. Elevation side plan of a mechanical blocks.
2. Easel Stand : Draw its elevation side plan from the given sketch.
3. Draw the elevation side plan of a office table from the given sketch.
4. To draw a parallel perspective view of a Drawing Board
5. To draw a parallel perspective view of a square resting on a auxiliary plane eye level.

25-28

1. Simple Journal Bearing draw its elevation side plan from the given sketch.
2. Pedestal Bearing draw its elevation side plan from the given sketch.
3. Simple steel chairs (office chairs) draw its elevation side plan from the given sketch.
4. To draw a parallel perspective view of a pentagonal prism (resting on rectangular face) nearest pentagonal surface right/left to the Station Point.
5. To draw a parallel perspective view of a lying hexagonal prism resting on its rectangular face (equidistant from the station point on the ground line)

29-30

1. Elevation Side Plan of a stool without top from the given sketch.
2. Stool with top: its elevation side plan from the given sketch.
3. Introduction of an angular perspective view.

31-32 Revision/Test**33-36**

1. To draw the elevation side and plane of a Towel stand from the given isometric view.
2. Typist table : elevation side plane from the given sketch.
3. Draw the elevation Side Plan of a Gland from the given sketch.
4. Dressing Table: Draw its elevation side plan from the given sketch.
5. An angular perspective of a square paper making an angle with the picture plane towards left/right side.
6. An angular perspective of a pentagonal prism standing one edge of base pentagon making an angle of 30° towards right with the picture.

37-40

1. Writing Table: Draw its elevation side plan from the given sketch.
2. Record Player Cabinet: Draw its elevation side plan from the given sketch.
3. Bearing Block: Draw its elevation side plan from the given sketch.
4. Machine Block: Draw its elevation side plan from the given sketch.
5. An angular perspective of a square prism/prisms lying on rectangular face with long edge making an angle with P.P. towards left/right side to the spectator.
6. Draw angular perspective of a hexagon prism.

41-44

1. Machine Block: Draw its elevation side plan from the given sketch.
2. Simple Table Lamp: Draw its elevation side plan from the given sketch.
3. Model Stand: Draw its elevation side plan from the given sketch.
4. Chair cum Table: Draw its elevation side plan from the given sketch.
5. Draw an angular perspective of a triangular prism in different positions(left/right).
6. Draw an angular perspective of a alphabetic letter H (measurement H=5, L=4, B=1)

45-48 Revision & Test.

Material & Equipment for Scale and Perspective Drawing to be brought by the Student

- | | | |
|----|--|-------|
| 1. | Drawing Board | 1 no. |
| 2. | Set Square | 1 set |
| 3. | Geometric Box | 1 set |
| 4. | Pencils H, 2H, HB | 1 set |
| 5. | T Square | 1 set |
| 6. | Drawing Clips/Pins | |
| 7. | Drawing Sheets $\frac{1}{2}$ 35×55cm (per item) as per requirement | |

BOOKS

1. Bharti Scale Drawing
2. New Geometrical Drawing (By. R. L.Gupta)

TEACHING OF ART & CRAFT(PRACTICAL)

Objectives:-

- To acquaint the pupil/Teacher with the methods of teaching Art & Craft and to encourage creativity in school children.
- To equip them with the latest techniques of evaluating students achievement in Art & Craft.
- To enable them to learn and understand the principles, concepts and techniques of teaching Art & Craft and to apply them in actual teaching.
- To impart elementary knowledge of various components of Arts & Crafts.
- To enable them to know how to teach Art & Craft to the talented children.

TEACHER'S ACTIVITIES:- Lecture, giving notes, preparing aids, discussions, demonstration visit to art exhibitions.

STUDENTS' ACTIVITIES:- Listening, taking part in discussion, preparing aids and prepare lessons.

EVALUATION:- Final external examination

2 nd Year WEEK WISE PROGRAMME

S.N.	Content
1.	Black Board writing, Drawing and Sketching.
2.	At least one model lesson given by the staff members in each subject i.e. Still life. Painting, Design Geometrical Drawing etc.
3.	Two week's internal teaching practice by each student in the institute.
4.	Deliver at least ten demonstration lessons by each student to educational school to classes to be assigned by an Internal committee.
5.	Prepare two discussion/observation lessons one in Art and one in craft by each candidate.
6.	At least ten lessons delivered by a candidate should be elaborately supervised and supervisors remarks, comments and suggestions on each such lesson should be written on the candidates. Lesson Note Book, The principal of the institute will certify on the lesson note book of the candidates that the above requirements have been completed. Records of the mark's obtained be maintained and entered for the purpose of Internal assessment.
7.	Two lessons of 40 minutes duration be prepared for the final examination by each student one in art and other in craft.
8.	Preparation of two teaching aids in each subject i.e. Art & Craft.
9.	The examiner will select any one of these for the purpose of final examination.

NOTE:- This paper will be conducted by two examiner's one internal and one external according to the date sheet supplied by the technical education Board. In first year there is no paper of teaching of art & craft.

Books:

Stick and Sketch by Dr. Kapuria.

COMPUTER AWARENESS

1st Year

Total hours to be spent:	60 hrs. minimum.
Theory Paper:	15 hrs.
Practical:	35 hrs.

DISTRIBUTION OF MARKS

Theory Paper	: 50
Practical Marks	: 50
Viva-Voce	: 25
Sessional Marks	: 25
Total Marks	:150

WEEK WISE PROGRAMME

Week	Theory	Practical
	An introduction to computer and its peripherals:	
1-5	• What is computer? • Definition, History • Generation of Computers • Type & classification • Computer characteristics	• How to switch On & Off the system • Using Windows: ○ Mouse handling in Windows ○ Using Windows accessories (Wordpad, Notepad, Paint & System Tools) ○ Use the Recycle Bin
6-7	• Differentiate Hardware & Software Concept: ○ Define Hardware, Software and firmware ○ Input /output devices	• Desk Top screen, Using Display Properties Window such as Choosing desk top style, Changing Wall papers, screen savers & Display setting etc., Using commands of start menu
8-11	• Define various parts of computer such as CPU, Main board, types of memories, and types of Power Supplies, on line off line concept, necessity of UPS etc. • Define Ports such as Serial Port, Parallel Port and USB Port etc. • Define Data, Information, Program • Bit, Byte, KB, MB, GB, etc.	• Show the parts & ports to students • Using utility such as Disk Clean, Disk Defragmenter, Running Scan Disk • Using different windows simultaneously • Using control panel • Adding a Printer • Using Folder Options • Running a required application software etc.
12-14	Types of software: • System software, Application software, Compiler, Interpreter • Define High Level Language & Low Level Language • What is operating system and its need? • Single User Single Tasking, Multi User Multi Tasking Operating Systems.	Using Windows Explorer: • Exploring my computer • Working with menu bar • Creating a new folder sub folder and new file • Select your folder or file, • Copy folder to folder, files into a folder within computer and on to Floppy by using drag and drop method and others. • Delete a file or folders, Rename files or folders • Create icons on Desktop etc.
15-16	Revision/Test	
17-30	• Basic Input & Output commands of DOS (some important external commands like FDISK, FORMAT, EDIT, CONFIG.SYS, AUTOEXEC.BAT etc.)	• Using important DOS commands like DIR, COPY, DEL, MD, CD, RD, EDIT, ATTRIB, TYPE, DATE, TIME, CONFIG.SYS, AUTOEXEC.BAT etc.

An introduction to Networking:

- Define networking, Types of Networking
- Applications, Advantage & disadvantage of networking

**An Introduction to Application software
(Microsoft Word)****MS Word:**

- Working with different Tool Bars such as Menu bar, Standard bar, Formatting bar & Drawing bar.
- Create a new document
- Using "Save" And "Save As" Command i.e. save a document within
- Computer, on to a floppy and save with different name.
- Editing a document, cut, copy paste
- Tab setting, page setup, Margins setting etc.
- Insert page no. Date, time, pictures, Bullets, special symbols, etc.
- Change case, spell checkers, changing Fonts & its Colors
- Working with columns , tables.
- Print preview of your document & Taking out prints of your document.
- Working in networking environment, sharing of printer, files etc.

**31-32 Revision/Test
33-44****MS PowerPoint:**

- Introduction to Power point
- Creating presentation and slides
- Opening and saving a presentation
- Change slide orders
- Placing text on your slides and Animation effects.

- Basics of internet
- Introduction to WWW
- Various internet connections
- E-mail basics

Internet:

- Basics of internet
- Introduction to WWW
- Using internet Explorer
- Various internet connections
- Setting a internet connection
- Connecting an internet connection
- E-mail basics
- Internet Browsing /Surfing etc.

45-48 Revision/Test

COMPUTER GRAPHICS

2nd Year

Total hours to be spent: 65 hrs. minimum.
Theory Paper: 20 hrs.
Practical: 80 hrs.

DISTRIBUTION OF MARKS

Practical Marks	: 50
Viva-Voce	: 25
Sessional Marks	: 25
Total Marks	:100

Paint:

- Introduction
- Working with menu bar
 1. Drawing lines and shapes
 2. Putting text in pictures
 3. Working with tool box
 4. Working with colours
 5. Erasing, Printing
 6. Using Paint with other programs

Page Maker :

- Introduction, application etc.
- Using templates according to your publication.
- Using page maker tools:- New, open, copy, print, character specification, fill & stroke, paragraph specifications, indent & tabs, bullets, frame options, text etc.
- Adding graphic elements, working with text, inserting bullets, story editor searching text, changing text, check for spelling, formatting paragraph, hyphenation, paragraph and line break, styles, separating and combining text blocks, threading and unthreading text block, rotating text, skewing text.
- Working with graphics, working with colours, importing graphics, table editor, formatting the table of contents.
- Document Setup and Printing.

CorelDraw

- Introduction.
- Working with shapes
 - Drawing lines, Objects, Selecting the Objects with tab key and selecting the multiple objects
 - Drawing rectangle, curves, ellipses, circles, polygons and stars etc.
 - Editing shapes, fill colours, out line colours.
 - Saving & Opening the drawing and files.
- Working Artistic text
 - Creating, formatting, rotating and sizing.
 - Inserting symbols & figures
- Working with property bar & toolbars
- Working with Dockers window
- Working with curves, freehand curves edit curve nodes, editing the shape of text, working with artistic media tool, Bezier curves etc.
- Adding effect
- Working with Bitmap images
- Blend Counters
- Handling complex drawing
- Importing & Exporting Objects
- Working with Masks
- Design & Print business card
- Saving object as JPEG graphics, GIF images
- Setting up the page layout
- Printing

Adobe Photo Shop /Photo Deluxe

- Introduction, application etc.
- Using tools & their properties
- All commands in menu bar: File, Edit, View, Insert, Format, Tools, Table, Window and Help
- Scan & get image from scanner, camera, discs, internet etc.
- Touchup: Change size/orientations, fill colours
- Changing background, colours of photos & return them to their original colours

Art Practice

Give special effects:

- Turn photos into hand drawn sketches etc.
- Turn your photo into textural works of art.
- Colours your black & white photos
- Give colours, glow edges, distort, wrap, bend, twirl etc effects to photos.
- Adding shadows, turning photos into negative etc.
- Combining two or more photos, adding glasses, mustaches, hats etc.
- Create hilarious images by putting your head on a famous person body, change and animal's head with person etc.
- Changing background, colours of photos/pictures.

Hardware and Software and other items required for a batch of 20 students

Computer Awareness & Computer Graphics

S N	Item	Qty.
1.	Computer Server –	1 set
	1. Computer Configuration: - Latest. CPU P4- 1.7 GHz. Or higher, Compatible MBD, DDR RAM 256 MB or higher, 40/60 GB HDD or higher, 1.44.FDD, CD R/W drive(writer), KB, Mouse, Speakers, Monitor 17" or better, Cabinet with 300 Watts or higher SMPS. System should have 2 USB ports, 2 serial and 1 Parallel ports. System should be pre loaded with OS Win 98SE or Win XP Home /P, MS Office, Corel Draw, Photo Shop, Photo Shop Delux. Page Maker.	
2.	Computer System- (Client) CPU 1.7 GHz. Or higher, Compatible MBD, DDR RAM 128 MB or higher, 40/60 GB HDD or higher, 1.44.FDD, CD ROM drive, KB, Mouse, Speakers, Monitor 15" or higher, Cabinet with 300 Watts or higher SMPS. System should be pre loaded with OS Win 98SE or Win XP Home /P, MS Office, Corel Draw, Photo Shop, Photo Shop Delux. Page Maker.	4 Sets
3.	Networking should be done to all five computers.	
4.	Computer Table	5
5.	Scanner flat bed (May be in-built in Inkjet printer)	1
6.	Printer Inkjet	1
7.	Printer Table (May be built in Computer Table)	1
8.	Computer Chairs	20
9.	Video capturing card (Optional)	1No.
10.	Microphone	5 Nos.
11.	Headphone	5 Nos.
12.	Web camera	1No.
13.	UPS 500 VA (off Line)	5 Nos.
14.	Modem Internal 56 KBPS	1No.
15.	One dedicated Telephone line in the lab.	1No
16.	Internet Connection	1No.
17.	Teacher Chair	1No.
18.	Teacher Table	1No.
19.	Steel Almirah small size	1No.

Note:

Separate internet connection/telephone line is not required if already available in the institute.

DRESS DESIGNING

DISTRIBUTION OF MARKS

Theory Paper	: 50
Practical Marks	: 80
Sessional Marks	: 20
Total Marks	:150

1st Year

WEEK WISE PROGRAMME

Week No.	THEORY	PRACTICAL
1-4	1. Introduction about dress design and material. 2. Different kinds of fibers, cotton, woolen, silk and their width. 3. Identification of fibers, cotton, wool, silk. 4. Principle of cutting 5. Principle of stitching	1. Types of seam 2. Types of stitches 3. Pillow cover with fancy stitch, Design setting and tracing 4. Fancy stitches different types.
5-9	1. Measurements tools and equipment. 2. Drafting tools. 3. Cutting tools and equipment, sewing tools. 4. Pressing tools. 5. Kinds of sewing machines, machine use, its adjustment and care main parts.	1. Frock, Drafting, pattern. 2. Cutting and stitching 3. Complete 4. Cushion cover-: Chop work Design Setting
10-14	1. Use of cleaning and oiling of the machine. 2. What care should you take while oiling and cleaning? 3. How you will keep the maintenance of sewing machine? 4. Lower and upper tension needle breaking looping. 5. Stitch missing Machine working heavily.	1. Cutting clothes and stitching 2. Lady Blouse-: Drafting cutting pattern 3. Stitching with design.
15-16	Revision/Test	
17-20	1. Correct sitting posture while stitching by hand machine. 2. Different types of sewing thread and their uses according to materials. 3. Needles different grades. 4. Different fasteners use in dress, Hooks, Buttons, eye, elastics.	1. Sari Petti coat, Drafting and cutting patron. 2. Stitching with 4 panels and its decoration. 3. Body petti coat, sample file
21-24	1. Type of tucks. 2. Different type of figure. 3. Eight head theory. 4. Decorative material. 5. Kinds & methods of measurement.	1. Embroidery stitch, Fancy Feather stitch, Shadow work, Lazy dazy stitch 2. Patch work, Long and short stitch, honeycomb
25-30	1. Uses of drafting 2. Drafting scale full scale. 3. Pattern, principle of pattern making. 4. Precaution of while making pattern. 5. Shrinking of various various fabrics, allowance precaution.	1. Lady shirt drafting, cutting pattern according to design. 2. Cutting and stitching, setting design, embroidery work. 3. Complete with finishing 4. Salwar- different types drafting, cutting, stitching, Complete.
31-32	Revision/Test	
33-36	1. Different seams, 2. Different types of stitches . 3. Renovation, Remodeling, cutting down.	1. Maxi-Drafting cutting stitching with design 2. Simple kurta-Drafting, cutting stitching 3. Churridar pajama, drafting cutting, stitching.
37-40	1. Different type of sleeves. 2. Different types of collar 3. Types of pleates. 4. Trimming material use in tailoring button thread hooks buckles lining and inter lining.	1. frock with smoking drafting, cutting, setting stem stitch on cloth with graph paper smoking. 2. Patching and finishing, embroidery button hole stitch

- | | |
|--|--|
| 41-44 1. Short notes on the notches, perforation, guideline, open point
2. Care should be taken for well finishing of garments.
3. Method of pressing on different types of material. | 1. Table mates design setting, Trace colour scheme, complete with fabric paint.
2. Napkin design setting, trace, colour scheme, complete with fabric paint. |
|--|--|

45-48 Revision and Test

Instruction for the paper setter:

Theory Paper.

A total of 8 questions will be set from the theory syllabus

Instruction for the candidate:

Candidates are required to attempt any 5 questions. All questions carry equal marks.

Evaluation of Practical paper:

The practical examiner according to the date sheet will conduct practical paper. Paper setter will prepare Instructions for practical examiner and she/he will evaluate the practical paper on the following line

Practical paper carries	80 marks
1. Correct measurement	20 marks
2. Correct cutting	20 marks
3. Design	20 marks
4. Completion of Job	10 marks
5. Finishing	10marks

TOOLS AND EQUIPMENT FOR A BATCH OF 20 TRAINEES FOR THE DRESS DESIGNING

1.	Scissors Size-25cm	20
2.	Marking wheel	20
3.	Measuring tape 150 cm	20
4.	Cloth brush	20
5.	Milton cloth	2meters
6.	Pinking scissors	2
7.	Cutting table	3
8.	Teacher Table	1
9.	Teacher Chair	1
10.	Steel chair with arm	2
11.	White board 6'X4"	1
12.	White board marker (Multi colour)	1 set
13.	Steel Almirah size 195cmx90cm	2
14.	Pressing table	2
15.	Waste paper basket	4
16.	Patron punch	2
17.	Hand Sewing Machine	20
18.	Attachments	As per requirement(Min 15)
19.	Automatic press	20
20.	Zig Zag Machine	2
21.	Show case	2
22.	Dummy Ladies	2
23.	Dummy Children	2
24.	Dummy Gents	2
25.	Steel Lockers(8 compartments)	2

BOOKS (Theory)

1. Cutting and Tailoring – Theory By Raj Bhatia
2. Cutting and Tailoring - TheoryBy Kusum Lata Bhardwaj
3. Embroidery by Kusum Lata Bhardwaj
4. Dhingra Embroidery No E-10
5. Krishna - Cross Stitch by Arora's - Book No. 7
6. Cutting Tailoring - Theory by A.S. Bakshi
7. Embroidery – by A.S. Bakshi
8. Punta De Cruz - No. 156
9. A complete guide to home sewing By Sylvia K. Mager
10. Shakuntla Art Cutting By Shri Mati Sumitra Devi Gauba
11. The work Basket Embroidery Book By Ruth Wyeth Spears
12. Embroidery By Rose Mary Brinley
13. Crafts for girl By Rosemary Brinly
14. Practical Tailoring By J.E. Liberty, U, K, A, F
15. Encyclopedia of Needle work By Therese De Dill Mont
16. Modern Cutting By Mahavir Prashad Kaship
17. Needle Work for student teacher By Amy. K. Smith
18. Basic needle work By Wine Fride M. Bull
19. Needle Crafts By ODHAMS
20. A new manual of needle craft By E. GRIFFITH
21. Commercial System of Cutting By V.B. JUVEKAR
22. Needle Work By Rosalie P. Giles

PAPER CRAFT

OBJECTIVES

- To impart theoretical / practical knowledge of paper craft.
- To enable the Student- Teacher to understand the co-relation of arts and crafts with reference to paper craft.
- To make Student- Teacher, value of accuracy and to develop his power of creativity / invention.
- To train the observation power
- To let student know the place of paper craft in every day life.
- To inculcate the sense of Beauty while preparing the handicraft articles of daily use.

TEACHER'S ACTIVITIES:- Lecturing, Demonstration and Instructions

STUDENTS' ACTIVITIES:- Listening, Taking Notes and Preparing different jobs.

DISTRIBUTION OF MARKS

Theory Paper	: 50
Practical Marks	: 80
Sessional Marks	: 20
Total Marks	:150

week wise programme

Week	Theory	Practical
1- 4	▪ Introduction to paper, brief history and versatility for befitting a proper medium for paper craft. ▪ Importance of paper cutting & printing in daily life. ▪ Why do you like paper craft ? Scope of paper craft. ▪ Importance of paper craft in field of employment ▪ Material, Tools & Equipment required in paper craft. ▪ Different method of paper craft i.e. card-board modeling, stenciling, printing etc.	▪ Lesson - Cut & Paste ▪ To cut and paste paper in different manners in straight & curved lines. ▪ To cut and paste geometrical & natural shapes as flowers, leaves or other objects. ▪ Cut the paper and produce the envelopes of different sizes. ▪ Prepare a motifs of geometrical designs in square size 10"x10" or in the desired size. ▪ Prepare a colour scheme for the prepared geometrical design in square and decorate with coloured glazed paper, complete it through cut & paste method. ▪ Prepare a motifs of geometrical designs for all over pattern size 10"x15" or in the desired size. ▪ Prepare a colour scheme for the prepared geometrical design for all over pattern and decorate with coloured glazed paper, complete it through cut & paste method.
5-7	▪ Different kinds of card board & its use in paper craft ▪ What steps / precautions are to be taken while preparing jobs of card board ▪ The importance / value of ties in paper craft and types of ties in paper craft ▪ What is a stencil and types of stencil & its use in paper craft	▪ Prepare motifs of geometrical designs in circle size 6" radius or in the desired size. ▪ Prepare a colour scheme for the prepared geometrical design in circle and decorate with coloured glazed paper, complete it through cut & paste method. ▪ Prepare a drawing of different kinds of flower pots with geometrical design. ▪ Prepare a colour scheme for the prepared flower pot with geometrical design, complete it with coloured glazed paper through cut & paste method. ▪ MEDIUM : a) Coloured Glazed Paper (b) Poster Coloured Sheet ▪ SURFACE SHEET : (a) Art Card (b) Norway Paper (c) Cant Paper,(d) Scholar Paper ▪ SIZE : ¼ Imperial sheet (25 cm x 35 cm)

	- oil paint colours - poster / fabric colours / black & coloured ink etc.	- face/Flowers and leaves - To print with blocks on drawing papers / clothes / other surface etc. with poster colours / fabric colours / ink - MEDIUM : Poster/fabric colours / ink - SURFACE SHEET : Art Card, Norway Paper, Cant Paper, Scholar paper - SIZE : ¼ imperial sheet (35 cm x 25 cm) - METHOD : Printing through blocks
26-27	- oil pastel colour - spray in various colour Medium - wool / cotton thread - water colour - blocks like potato block, wood block etc	Preparation of abri paper by given below methods : - With oil paint - With Poster colours - With Water Colours - With Oil Pastel colours - With blocks - With Wool / cotton thread - With Spray method MEDIUM :Poster Colours, Fabric Colours, Water Colours, Old Pastel. SIZE : ¼ Imperial sheet (25cm x 35 cm) - METHOD :Spray, Floating, Scratching
28-30	- Precautions for preparation of abri paper - Use of abri paper / gift packing paper in the paper craft field - Method of preparation of cut and weave design through strips - What is the meaning of warp & weft – describe in details	Lesson – Origami - Prepare a origamick paper relief design in all over pattern and complete with cut & fold method - Prepared origamick paper relief design in circle, complete with cut & fold method. - Prepared origamick paper relief design in square, complete with cut & fold method. SURFACE SHEET : Norway Paper, Cant Paper, Scholar Paper, Thick Paper SIZE : ¼ Imperial sheet (25cm x 35 cm) METHOD : Cut & Fold
31-32	Revision/Test	
33-35	- Required material for book binding - Required tools for book binding & its use - Describe method of book binding	Lesson : Card-board Modeling - To prepare CUBE through card-boarding modeling and decorate with coloured glazed paper by cut and paste method - To prepare TRIANGULAR PRISM through card-board modeling and decorate with coloured glazed paper by cut and paste method - To prepare TETRAHEDRON by card-board modeling and decorate with coloured glazed paper by cut and paste method - To prepare CONE by card-board modeling and decorate with coloured glazed paper by cut and paste method - To prepare SQUARE PYRAMID through card-board modeling and decorate with coloured glazed paper by cut and paste method
36-39	- What is paper mashie? Describe in details. - Required material for paper mashie - Describe methods: ❖ European paper mashie ❖ Kashmiri paper mashie. ❖ Rajasthani paper mashie.	- To prepare DRAWING FILE(1/4 imperial sheet) by card board modeling and decorate with coloured glazed paper or gift paper - To prepare a SWEET BOX by card board modeling and decorate with coloured glazed paper or gift paper/dori “lass” etc. - To prepare FLOWER POT by card board modeling and decorate with coloured glazed paper or gift paper/dori “lass” etc. - To prepare a PAPER RACK by card board modeling

and decorate with coloured glazed paper or gift paper/dori "lass" etc.

- To prepare Hut & Photo Frame through card-board modeling and decorate with coloured paper by cut and paste method or gift paper/dori "lass" etc.

- 40-41
- Describe kind of colours used in paper mashie jobs.
 - Preparation of designs on paper mashie jobs.
 - Describe method of preparation of paper pulp (Lugdi).
 - Methods of preparation of jobs with paper pulp in paper mashie.

Lesson: paper mashie

- To prepare some paper mashie items like toys, pots, statues etc.

- 42-44
- What is collage making ? Write about the methods of collage making
 - Required material for collage making

Lesson : Collage Making

- To construct stylized and Non-stylized composition in black and white or coloured by collage making method.
- Collage making from news-paper pictures / magazine pictures / waste paper pictures through cut & paste method with planning on the themes of domestic and social life.
- Collage making on themes of Social awareness like Aids, Fashion, Pollution etc. by cut and paste method.
- Collage making from the pictures of newspaper/ magazine on wild life i.e. trees, animals, insects etc.

MEDIUM : News-paper/magazine pictures

SURFACE SHEET : Art Card, Norway Paper, Cant Paper, Scholar paper

SIZE : ¼ imperial sheet (35 cm x 25 cm)

METHOD : Cut and paste.

45-48 **Revision/Test**

ACHIEVEMENT : COMPLUSORY FOR EVERY STUDENT TO COMPLETE 25 TO 30 JOBS IN A YEAR.

GUIDELINES FOR THE TEACHER

1. To avoid fuss & errors in the jobs, students may be trained by preliminary exercise to cut the paper in different shapes. They may be asked to cut and prepare paper envelopes, note book cover, book covers, file covers etc.
2. Through in the examination block lettering instead of stylized lettering will be asked for stencil work, the teacher may train the students in stylized lettering if time & to it permits.
3. The students should be asked to prepare a scrap book for motifs of designs and origamic jobs.

INSTRUCTIONS FOR THE PAPER SETTER / EXAMINER :

1. At least 7 questions should be given in the examination out of which 5 questions asked to be attempted by the students.
2. Question paper should be in English, Hindi & Punjabi with correct technical terms & spellings.
3. Slogan / quotation should not be more than 12 words for stencil work.

MATERIAL & EQUIPMENTS TO BE BROUGHT BY THE STUDENTS FOR THE PAPER CRAFT

- | | |
|---|-----------------------|
| 1. Drawing Boards | : 1 |
| 2. Set Square (Big size) | : 1 |
| 3. Geometry box | : 1 |
| 4. Cutter Blade | : as per requirement |
| 5. Pencils – 2 H, HB, 6B | : as per requirement |
| 6. T-square | : 1 |
| 7. Mattal square | : 1 |
| 8. Crape / guddi paper | : as per requirement |
| 9. Scissors (big & small) | : 1 |
| 10. Tooth brush | : 1 |
| 11. Brushes No.0, 1, 3, 5, 7, 12 | : as per requirement |
| 12. Spray gun | : 1 |
| 13. Waste Paper | : as per requirement |
| 14. Drawing clips | : 1 set |
| 15. Wool / cotton thread | : as per requirement |
| 16. Needle (Big & small) | : 1 |
| 17. Fancy buttons , lass, bindi, dori,
Decorative material | : as per requirement. |
| 18. Poster / Fabri colours | : 1 boxes each |
| 19. Drawing sheets – Norway / Art Cart | : as per requirement |
| 20. Coloured Glazed paper | : as per requirement |
| 21. Tracing paper | : as per requirement |
| 22. Coloured Poster papers | : as per requirement |
| 23. Black Paper | : as per requirement |
| 24. Hand-made paper | : as per requirement |
| 25. Gum / fevicol | : as per requirement |
| 26. Glass (10" x 15" thick) | : 1 |
| 27. Plastic scale (12") | : 1 |
| 28. Colour plate | : 1 |
| 29. Eye lets | : as per requirement |
| 30. Eye lets tool | : 1 set |
| 31. Binding cloth | : as per requirement |
| 32. Card board / mount board | : as per requirement |
| 33. Abri / gift packing paper | : as per requirement |

MATERIAL TO BE PROVIDED BY THE INSTITUTE FOR THE PAPER CRAFT

- | | |
|--------------------|------|
| 1. Mug | : 10 |
| 2. Hammer | : 10 |
| 3. Lino cutter box | : 5 |

BOOKS :

- | | |
|--|------------------------------|
| 1. The Art of Paper Making | : Alexander Watt |
| 2. Gummed Strip & Paper Modeling | : Frederick T. Day |
| 3. The Art of Chinese Paper Folding | : Maying Soong |
| 4. Make it Yourself | : C.M.Bennett & C.V. Jackson |
| 5. Craft in Education | : Hans Raj Bhatia |
| 6. Garage | : Dunlop |
| 7. Leeping Beauty | : Pop-up Book |
| 8. Handicrafts for Boys & Girls | : J.Kay & C.T.White |
| 9. Arco Handi Books | : Alexander Watt |
| 10. Paper – Twisting | : Gwen – M.Paviere |
| 11. Compana, D.M., The Teacher of Linoleum Block Pinting
D.M.Art Compana Art & Co. Chicago, Ill | |
| 12. Jules, Heller, Print Making Today, Holt Rinihart | |
| 13. Kinsley, Antheny, Introducing Screen Printing, Watsen – Giptill . Publication New York | |
| 14. Hacking, Nicholas, at. Al. Practical Print Making Connaissance Press London | |

HINDI :

- | | |
|---|---|
| 1. Granthkala Prichya | : Verma Murari Lal
(K.B.& C.L.Aggarwal Bada Bazar,Aligarh) |
| 2. Jiladbandi Tatha Mudran Prishtkan,Part 1: Rajput Kishan Chand
(Sivya Parkashan, Birender – Mahender Shimla) | |

CLAY MODELLING

WEEK WISE PROGRAMME

S.No.	Theory	Practical
1-5	UNIT NO. 1 Brief History of Clay. Preparation of Clay Kinds of Clay on the bases of climate. Clay of India. Coil Method- Round-Explain with example	Preparation of Clay Coil Method- Round Making Model of Cup and Plate, Glass, Jar, Flower Pot, Flask and Mug
6-10	UNIT NO. 2 Tools and Equipment for Clay. Care and maintenance of tools. Slab Method --(1) Low Relief Method (2) High Relief Method (3) Base Relief Method Thumb and Palm Method --Round. Explain with example.	Slab Method-Relief 1. Low Method- Making Model of Flowers & Leaves 2. High Method-Making Model of- Tree, Fish, Elephant, composition and Landscape-Hut, Tree, Mountain and sun etc 3. Base Relief Method- Making Model of- Duck. 4. Making Mould: Peacock, Loading & Un Loading-Elephant.
11-14	UNIT No. 3 Clay on the bases of Preparation. Kinds of Colours. Finishing the Models. Something to remember for Clay work.	Thumb and Palm Method-Round Making Fruits- Melon, Pomegranate, Bagugosha, Orange, Mango, Pine apple, Guava, watermelon, Banana. and apple. Making Vegetable- Tomato, Bittergaurd, Peas, Cauliflower, Pumpkin, Carrot , Radish, Brinjal, Lady finger and Onion.
15-16	Revision/Test	
17-20	UNIT No. 4 Colouring and polishing the Models. Decoration of Pots with different colours	Making Fruits-will be prepared for colours. Colours on prepared Fruits. Making vegetable- will be prepared for colours. Colouring on prepared vegetable.
21-24	UNIT No. 5 Oval method- Round, potters wheel Method- Round- explain. Preparations for other models. Methods of decorating pots. To paint and polish models.	Oval Method- Round Making- Tortoise, Rat, Rabbit and sparrow. Potters wheel Method- Round Making-Glass, Bowl and Flask of Pitcher.
25-28	UNIT No. 6 Round Method-Explain. Recognition of good Clay.	Round Method Making-Horse, Elephant, Pigeon and parrot. Head study parts
29-30		Making-Ear, Eye, Lips and Nose.
31-32	Revision & Test	
33-36	UNIT-7 Slab Method-Relief-Head study-Explain. Tools and Equipment for Clay. Care and maintenance of tools.	Head study- Round Making Mould: Boy and Girl, Making Model: Boy and Girl.

37-40	UNIT No. 8 Slab Method-Relief. Head Study Mould.	Making pot with different types & decorated with colours
41-44	Technical Terms:- Terra Cotta, Clay, Texture, Baking, Plaster of Paris, Firing, Kiln, Glaze, oxidation, Reduction, Crazing.	Some statues- birds & animals Birds: Peacock, Duck Animals: Elephant, Horse

45-48 Revision/Test

INSTRUCTION FOR PAPER SETTER: -

Note: From unit no. 1 to unit no. 8

- One question should be asked from each unit.
- There should be a choice of one question in the annual examination.
- Only one question should be attempt from two questions.

Clay Modeling (Theory) -

- One question should be asked from each unit. maximum seven question should be asked in the annual examination.
- Only five question may be attempted.

INSTRUCTIONS FOR EXAMINER FOR MARKING PAPER - B (PRACTICAL)

Examiner of marking will evaluate on the following lines: -

1.	Composition	30 Marks
2.	Techniques and clarity of expression	30 Marks
3.	Finishing	20 Marks
4.	Total Marks	80 Marks
5.	Assessment by the class teacher	20 Marks
6.	Theory	50 Marks
	Total	150 Marks

Tools & Material to be brought by the each student for Clay Modeling

SN	ITEM	Qty.
1.	Wire Tool	1
2.	Wooden Tools	Tool Set
3.	Knife	One
4.	Bowls	Two
5.	Cloth (Cotton)	One Meter each
6.	Mug	One
7.	Clay	One
8.	Drawing Sheet 1/4 Imperial	1
9.	Thin Thread	One
10.	Brush Flat 3"	One Set
11.	Brush (Round) No. 4, 6 and 8 (one each)	One set
12.	Varnish	as per requirement
13.	Plaster of Paris	as per requirement
14.	Colours for clay (red, yellow, blue, black and white)	as per requirement

Material for Clay Modeling to be supplied by the Institute.

15.	Moulds(at least 5 Different Types)	
16.	Tank for clay size 6' x 8'	- One
17.	Tub	- One
18.	Bucket	- One
19.	Spade	- One
20.	Khurpa	- Two
21.	Sieve	- Two
22.	Wooden Hammer	- Ten
23.	Pedestal for Clay	- 20
24.	White Board Size(4'x6")	- One
25.	Multi Colour Marker	- One Set
26.	Clay	- As Per Requirement

FOR CLAY MODELLING

1. Clay Modeling and Paper Machie.
By O.P. Verma
Orient Publishers
Railway Road - Jullundur City
2. Clay Modeling and Sculpture
By K.K. Sharma
Dharmindra & Co.
5457, Gsli No. 1
Nawa Kot, Amritsar (Punjab)

SCREEN PRINTING

WEEK WISE PROGRAMME

S.No.	Theory	Practical
1	Introduction of students	Introduction of students
2-14	UNIT NO. 1 Screen Printing: Definition, main features Printing of various items Equipments, Important accessories, Setting of equipments. Darkroom. UNIT NO. 2 Selection of Screens. Selection of Films for Screen. Classification of Inks. Mixing of Inks. Reducer & Driers. Frame make ready & Printing UNIT NO. 3 Exposing of Screens Negative & Positive Making. Hand made Screens	Equipments, Important accessories, Setting of equipments. Darkroom. Selection of Screens. Selection of Films for Screen. Classification of Inks. Mixing of Inks. Frame make ready & Printing Exposing of Screens Different types. Negative & Positive Making. Hand made Screens
15-16	Revision & Test	
17-30	UNIT NO. 4 Some cares for good Printings.	Leaf Printing ❖ Visiting Card ❖ Wedding Card ❖ Letter Pad ❖ Posters ❖ Calendars ❖ Sign Board etc. Wall Paintings
	UNIT NO. 5 Stickers Manufacturing	Stickers Manufacturing ❖ Advertisement Material
31-32	Revision & Test	
33-44	UNIT NO. 6 Fabrics & Reel Printing UNIT NO. 7	Fabrics & Reel Printing ❖ Banners ❖ Suit, Sari, Dupatta & other cloth items ❖ Packing Materials etc.
	Printing on round surface	Printing on round surface ❖ Gifts ❖ Packing Materials etc.
45-48	Revision & Test	

Material for Screen Printing to be supplied by the Institute.

Frame 16" x 20"	5
Frame 12" x 16"	5
Stopper 2", 4" 6" 9"	4 each
Dori	100 Mtr.
Nail	as per requirement
Wood Table 4' x 4'	7
Bowls	10
Screw Clamps	5
Racks for drying	5
Super coat	as per requirement
Wagna White	as per requirement
Nitrogen	as per requirement
Reducer	as per requirement
Bleaching Powder	as per requirement
Cotton	as per requirement
Soap	as per requirement

Tools & Material to be brought by the each student for Screen Printing

Abri sheets, Hand Made Sheets	as per requirement
Plastic Visiting Card	as per requirement
Cloths	as per requirement
PVC Colours	as per requirement
Shine Colours	as per requirement
Glose Colours	as per requirement
Other printing materials	as per requirement

INSTRUCTION FOR PAPER SETTER: -

Note: From unit no. 1 to unit no. 7

- There should be a choice of one question in the annual examination.
- Only Two question should be attempt.

Screen Printing (Theory) -

- Maximum seven question should be asked in the annual examination.
- Only five question may be attempted.

INSTRUCTIONS FOR EXAMINER FOR MARKING PAPER - B (PRACTICAL)

Examiner of marking will evaluate on the following lines: -

1.	Design	30 Marks
2.	Techniques and clarity of printing	30 Marks
3.	Finishing	20 Marks
4.	Total Marks	80 Marks
5.	Assessment by the class teacher	20 Marks
6.	Theory	50 Marks
	Total	150 Marks

DIGITAL/STILL PHOTOGRAPHY

WEEK WISE PROGRAMME

S.No. Week	Theory	Practical
1-2	INTRODUCTION ❖ Introduction Photography: History of photography. Colour Photography & Principles of Colour photography Importance in trade of photography. ❖ Equipments used in Photography ❖ Care & maintenance of equipments & material.	Introduction of equipments Handling of TLR, SLR & Digital cameras. Manual & autofocus
3-7	FORMING AN IMAGE: ❖ Camera: Types & Uses. ❖ Lens: Type & Functions of lens ❖ Idea on lens coating, covering power, aberrations of lens, perspective.	Use of natural light, tungsten light, fluorescent light, single & multiple electronic flash, reflectors, exposure meters, studio flash & accessories and guide number.
8-14	❖ Camera Shutter & Type of Shutters & shutter speed. ❖ Film: Types of films & Film speed ❖ Flash, Flash Bulb, Types of Flash Bulbs	Use of Panchromatic, Orthochromatic and colour films of various speeds. Taking the photograph using different types of lenses, aperture, shutter speed setting.
15-16	Revision & Test	
17-26	❖ Knowledge of visual composition and aesthetic approaches. ❖ Concept about traditional & digital dark room ❖ Make-up Art ❖ Projection & Backgrounds	Taking photograph of portrait, studio photography, commercial/advertisement photography, sports, fashion photography, slow & fast moving objects , functions, machines & Process. Landscape architecture, night photography, children, animal, birds. Shooting spot etc by digital camera.
27-31	DOCUMENTING OF IMAGE: ❖ Emulsion, Enlarging, Cropping, Dodging ❖ Filter & Uses of filters ❖ Synchronization, Types of Synchronization ❖ Exposure, Points of care on the time of exposing.	Emulsion Enlarging: Types & Methods Cropping Dodging Filter & Uses of filters Using the Exposure meters.
32-34	Processing of Image ❖ Knowledge of computer applications regarding process of taking printout of photographs taken through digital camera, different types of photo paper required for printing & different types of printers in respect of their resolution.	Taking the printout of photograph taken by a digital camera from printer. Concept of image transportation: floppy, CD. Ability to scan the photograph through scanner, editing, retouching of photograph using photo editing software.
35-44	Practice: ❖ Idea of different areas to be selected for shooting. ❖ Knowledge of Cinematography, Principles & history of Cinematography. ❖ Knowledge of Telephotography.	Shooting of different areas and topics such as sports, wild life, modeling, drama, documentary, news, interviews, seminar/workshop, industrial, live broadcasting, music events, advertisements etc. Retouching of photographs using photo editing software.
45-48	Revision & Test	

LIST OF TOOLS & EQUIPMENTS

1. Single lens reflex 35 mm camera with normal lens and hood	1
2. Single lens reflex 35 mm camera with auto focus lens and hood	1
3. Digital still Camera Latest model	2
4. Digital SLR Camera with detachable recorder	1
5. Wide angle lens matchable with Digital SLR camera	1
6. Telephoto lens matchable with Digital SLR camera	1
7. Zooms lens matchable with Digital SLR camera	1
8. Fish eye lens matchable with Digital SLR camera	1
9. Camera stand for still camera	1
10. Different types of filters (10 types)	1 each
11. Extension ring	2
12. Electronic flash Gun	4
13. Studio Light	4
14. Spot light	2
15. Electronic umbrella light	2

Note: For the computer work the students will use the same computer lab as well software already existed in the institute.

INSTRUCTIONS FOR EXAMINER FOR MARKING PAPER - B (PRACTICAL)

Examiner of marking will evaluate on the following lines: -

1. Collection of work	40 Marks
3. Finishing & clarity of images	20 Marks
3. Viva-voce	20 Marks
4. Total Marks	80 Marks
5. Assessment by the class teacher	20 Marks
6. Theory	50 Marks
Total	150 Marks

SOFT TOYS AND DOLL MAKING

S.No. Week	Theory	Practical
	INTRODUCTION	
1-14	❖ Raw material and other sources. ❖ Use of left over pieces of cotton, silk veinnet, fur. Felt, rayon etc. ❖ Stuffing cotton wool, hay paper, scraping, wood wool, grass clipping, sind etc. ❖ Stability of above material for various toys with cost of such material for manufacture of cheap toys.	MAKING OF CLOTH TOYS • 2 cloth toys of two pieces each. • 2 cloth toys of four pieces each. • 2 cloth toys of more than four pieces each. • Dog, • Mouse.
15-16	Revision & Test	
17-30	❖ Tools & Equipment: ❖ Strong stuffing stick ❖ Pairs of combination piler. ❖ Upholstery needles (curved & straight) ❖ Wire brush ❖ Adhesing tape ❖ Coarse scomb, their use, availability and cost. ❖ Technical terms: ❖ Joint seams, stitches & finishes.	• Ball, • Rabbit, • Duck, • Horse. • Two dolls one with Indian dress and one with foreign dress. • 4 cloth toys of four pieces each on their own choice.
31-32	Revision & Test	
33-44	❖ Methods: ❖ Preparation of paper pattern of various toys, layout and cutting and pattern. ❖ Joint Toys ❖ Stitching by machine and stitching by hand needle. ❖ Stuffing. ❖ Methods of fixing eyes, nose, ears and mouth to toys. ❖ Finishing of the toy or dool according to country, climate, condition of economy etc.	• Monkey, • Teddy Bear, • Two Fruits, • Elephant, • Cat Applied Art, Paper Cutting and printing through any medium.
45-48	Revision & Test	
Material for Soft Toys And Doll Making to be supplied by the Institute.		

Cloth Brush	4
Pattern Punch	4
Hand Sewing Machine	5

Tools & Material to be brought by the each student for Soft Toys And Doll Making

Coloured Cloths	As per requirement
Fiber	As per requirement
Needles 16 no. 18 no.	As per requirement
Scissors Big & small	As per requirement
Fur	As per requirement
Decorative Material	As per requirement

1. Correct cutting	20 marks
2. Design	20 marks
3. Completion of Job	20 marks
4. Shape & Finishing	20 marks
5. Assessment by the class teacher	20 Marks
6. Theory	50 Marks
7. Total	150 Marks

WOOD CRAFT

Aims And Objectives.

1. To Impart practical and theoretical knowledge of wooden Art & craft and acquaint the pupil teacher with equipment and tools used for wooden Handicraft.
2. To enable the pupil Teacher to understand the co-relation of Arts & Crafts.
3. To let the pupil Teacher know the place of wood craft and its importance in everyday life.
4. To inculcate the sense of beauty and aesthetics.

1st Year

WEEK WISE PROGRAMME

Week	Theory	Practical
01-04	▪ Elementary knowledge of wood tools used in wooden handicraft and their correlation with Wood craft ,Wood Turning and Lacquer work and IVORY Inlay Work. ▪ Care and Maintenance. ▪ What is wood work, wood turning and Lacquer work and Ivory Inlay and co-relation to Art. ▪ Workshop precautions, Area & size of workshop, classification of tools. ▪ Marking and measuring and testing ,their description, size, working bench, size, utility, use of Bench stop. ▪ Qualities of craft Master.	▪ Identification and demonstration of tools. ▪ To draw Drawing Of Tools. ▪ A visit to the show room of the institute for direct information. Inter action with teacher briefing the techniques. ▪ To draw drawing of tools of marking, Measuring &Testing. Demonstration And use and identification. ▪ Drawing of working bench.
05-09	▪ Sawing Practice ▪ Sawing tools, Classification, description Types , size, use along and across the grains, Topping, sharpening, saw setting cross cut saw, Band Saw, hacksaw, Triangular file. ▪ Introduction of Timber classification ▪ Suitability of wood for creative f furniture and wood for sculpture, Fine toys, building furniture their colour and weight. Section of a log, endogenous, exogenous.	▪ Demonstration of marking gauge for marking & measurement for sawing and cutting into small pieces, along and across the grains ▪ Sharpening the saw , use of triangular file, saw setting, use of bench vice, Bench stop. ▪ Demonstration and identification of Hard soft Deciduous wood, coniferous wood section of a log. ▪ To show Pith, Bast, Bark, Sapwood, Annual Rings, Medullary rays cambium Layer, heart or hard WOOD.
10-14	▪ Smoothing tools, Types size description and use. Planing across and along the grains. De-assembling, assembling, adjusting, sharpening the plane. ▪ Knowledge of Parts and how to Handle the plane. ▪ Knowledge of multipurpose wood working machine and other machines, care, maintenance. ▪ Parting Tools ,Chisels, mortice chisels, ▪ Types, size, use, sharpening process grinding the blunt, use of striking tools Hammers types, size, mallet and Adze.	▪ Demonstration, use of Planes. ▪ To draw drawing of Planes, Practice of opening, fitting, adjusting and sharpening process. ▪ Planing the wood face, edge, end, squaring, checking, accuracy and correctness with Try square, Practice of smoothing the surface. JOB:-NAME PLATE,PATRA,FOOTREST. ▪ Making of groove, Practice to operate spoke shave Making of Rebate and to Practice with moulding plane and diagram. ▪ Demonstration & Practice of marking and making of Tennon & Mortise, Joints ,use of Mallet Adze and Hammer. ▪ Making of Blind Mortise and tennon & Simple joint, Halving, Haunched, Butt Joint.

15-16 Revision & Test

17-20 Cramping, size, Nos, types of cramps bench vice, G cramp, Estimating-to find cost of the job.

21-25

- Polish and Paint.
- Types of polish, French polish/sprit Polish, Raw material for sprit, Wax, varnish and paint.
- Preparation of surface sand papering. filling, staining, application ,finishing, estimating. knowledge of plywood & ply board and sunmica. Use and uses.

- Diseases and defects in Timber, causes effects. Dry rot, wet rot, swell, shrinkage effects, shakes knots, care and preservation, stacking of wood, white ant, wood worm, fungi.

26-30

- Colour: Definition of colour, classification of colour primary-Secondary, neutral, Lac colour, preparation process and precautions and safety measures to be adopted while making of colours on furnace, and material required.

Job:- 1. Mirror Frame.

2. Class Room stool.

3. Drawing board T.

- Demonstration ,Raw material for different polishes, Lac granular sprit clear(white), for Wax, bee wax, turpentine oil for varnish linseed oil and turpentine oil ,filtering process of sprit polish. Preparation of surface.
- Filling and staining process, application,
- To practise on class room stool. Apply six coat with cotton pad ,wax polish. Apply wax polish on hand Mirror with smooth cotton pad, massage on surface. Varnish:
- Apply varnish on the finished object with brush
- Repair of the Arts & Crafts class room furniture and polishing and to paint the black boards.

- Preparation of colour chart.

- Demonstration of colours preparation on furnace.

- Material required.

- Titanium powder Lethophone powder and middle chrome powder and colour powder. Take any one out of above ,Add lac and colour powders and give heat of fire.

- Making of colour process begins.

31-32 Revision & Test

33-35

- Ivory Inlay work.
- Raw material. Hard and fine grains of wood are to be used in Ivory in lay or wood inlay.
- Ebony ,shisham wood or Teak wood.
- Ivory black synthetic material, white sololide and white plastic thick sheet, tools to be used cutting the sololide sheet lining with cutter, writing the name by inlaying the sololide lining.

36-39

- Wax polish: Polish the finished articles with wax polish. Rub the wax with cotton pad on the smooth surface.

40-44

- What is chip carving its process, types round and relief carving making designs for each of these types Tools to be used. Carving Chisel's description
- Making of decorative handicraft articles of Artistic taste, Birds ,animals and trees, cutting with fret saw Parrot, Horse, Elephant.

- Demonstration of Material shisham, Teak, ivory & Ebony Wood.

- To prepare of shisham wood name plate, planing and squaring the wood.

- Demonstration of Wax polish smooth the surface. Apply the Wax, Rub and massage slowly.

- To draw drawing on paper to be pasted on wood.

- Making of flowers and leaves of 3D & 2D with Carving chisels for drawing room decoration. To apply wax polish after completion.

- To draw the drawing of birds, cutting to be made with the fret saw carve out the wood according to the drawing and inlay it.

- Job :Decorative show piece of Horse, Elephant

- Making of landscape Flying Birds, trees,

- Bushes and mountains water pond.

45-48 Revision & Test

Instructions to the paper setter practical

1. Correct Measurement	15 Max. Marks
2. Fitting technique / Assembly	30 Max. Marks
3. Finishing	30 Max. Marks
4. Description of tools used	5 Max. Marks
Total	80 Max. Marks

- For Theory Paper. 1.The trainees will be asked to attempt five questions out of eight questions
2.Each question carry equal marks i.e 10 marks.

Tool Kit of Students of Wood Craft

S.N.	Description	Qty.
1	Rule Six fold-1 meter (Inch & mm)	1 Nos.
2	Try Square(Metal)-200mm	1 Nos.
3	Bevel Square metal/wooden stock 225 mm blade	1 Nos.
4	Marking knife 200mm	1 Nos.
5	Marking gauge	1 Nos.
6	Mortise gauge	1 Nos.
7	Metal smoothing plane-255mm X 50mm cutter	1 Nos.
8	Metal/wooden jack plane 350mm x 50mm cutter	1 Nos.
9	Hand saw-450mm	1 Nos.
10	Tenon saw-300mm	1 Nos.
11	Firmer chisel 25mm,15mm,10mm & 6mm	1 Nos.
12	Bevel edge firmer chisel-25mm,15mm,10mm & 6mm	1 Nos.
13	Mortise chisel10mm 76mm.	1 Nos.
14	Wooden Mallet	1 Nos.
15	Claw hammer 500gms.	1 Nos.
16	Screw Driver(Cabinet maker) 300mm.	1 Nos.
17	Wood Rasp file 250mm	1 Nos.
18	File half round 2nd cut 250mm	1 Nos.
19	Pincer-250mm	1 Nos.
20	hand brush for bench cleaning 450mm	1 Nos.
21	Nail punch	1 Nos.
22	Oil Stone(carborundum) universal silicon carbide combination (rough & fine) 200 x 50 x 25 mm	1 Nos.

General Outfit for 20 Students of Wood Craft

1	measuring tape 2 mater.	01 Nos.
2	Constructional scale 1 Meter.	04 Nos.
3	Rip saw 600 mm	04Nos.
4	Cross cut saw 600mm	04 Nos.
5	Key hole saw-250	02 Nos.
6	Compass saw-300	04 Nos.
7	Trying plane(Metal) 450mm x 60mm cutter	02 Nos.
8	Rebate plane 250mm	04 Nos.
9	Plough plane with set if 8 cutter upto 12mm width.	04 Nos.
10	Metal spoke shave-50mm cutter	04 Nos.
11	Moulding plane set	04 Sets.
12	Claw hammer 200 gm	04 Nos.
13	Ball pane hammer 500gm	04 Nos.
14	cross pane hammer 200gm	04 Nos.
15	Stright pane hammer 200gm	04 Nos.
16	Screw Driver(London attren) 250mm & 350mm.	04 Nos..
17	Card file(steel)wire brush	04 Nos.
18	hand drill 6mm capacity	04 Nos.
19	Ratchet Brace 250mm sweep	04 Nos.
20	hand auger-25,20,12,8 mm	02 Nos.
21	Centre bit-12,8,6mm	02 Nos.
22	Twist drill bit 12,10,8,6mm	02 Nos.
23	Rose countersink bit -12mm	04 Nos.
24	Breast drill 12mm capacity	02 Nos.

25	Centre punch	04 Nos.
26	Plunger saw set/Pistol grip type	02 Nos.
27	Number punch 12mm	02 Sets.
28	'G' cramp -150,100mm	08 Nos.
29	'T' bar cramp-1.75meter 1.25 meter 0.6 meter	02 Nos.
30	Carpenter vice 250mm jaws.	16 Nos.
31	Expansion bit 25 to 75mm	02 Nos.
32	Saw sharpening vice 250mm jaws	02 Nos.
33	Spring Caliper inside 150mm	04 Nos.
34	Spring Caliper outside 150mm	04 Nos.
35	Wing compass 300mm	04 Nos.
36	Trammel points.	02 Pair
37	Paring gouge 6,10 & 15mm	04 Nos.
38	Firmer gouge 6,10 & 15mm	04 Nos.
39	Fret saw frame 150mm	02 Nos.
40	plane adjustable circular 250mm(Metal)	04 Nos.
41	Router plane	04 Nos.
42	Snip Straight 200mm	01 No.
43	Round crow bar with chisel and claw end 1070 x 25mm	02 Nos.
44	Glass cutter	02 Nos.
45	Goggles pair	02 Nos.
46	Surface plate 600 x 600mm	01 No.
	carpenters work bench 2400 x 900 x 800mm height	08 Nos.
47	Steel Locker ,8 compartments with individual locking 1900 x 910 x420mm depth	02 Nos arrangement.
48	Steel Almirah with shelves 1900 x 910 x 420 mm depth	02 Nos.
49	Instructor table(half Secretariat)	01 Nos.
50	Instructor chair	02 Nos.
51	instructor lecture high stool	01 Nos.
52	Stool	01 Nos.
53	Chalk board with easel	01 Nos.
54	Material rack	01 Nos.

Equipments for 20 Students of Wood Craft

Sl.No	Description	Quantity
1.	Combined surface & Thicknesser	1 No.
2.	Rise & Fall circular saw machine(300mm dia blade)	1 No.
3.	Wood turning lathe 150mm height of center,1.75 metr bed with motorized.	2 No.
	a)Turning Tools(set of 8)	2 Sets.
4.	Tenoning machine (single ended)	1 No.
5.	Mortising machine(Combined hollow chisel & chain)	1 No.
6.	Bench Grinder 200mm wheel D. Epedestal	1 No.
7.	Drill machine 12mm capacity (Pillar type)	1 No.
8.	Drill chuck 12mm capacity with key	1 No.
9	Portable Electric drill 6mm capacity with key(wolf type)	2 No.
10.	Portable Disc. Sander 200mm dia.	1 No.
11	Electric Blower	1 No.
12.	Electrical heater 1000/1500 w	1 No.
13.	Moisture meter	1 No.
14.	Electrical Drying oven(Small type)	1 No.
15.	D.E. spanner(set of 14)	1 Set.
16.	Band saw machine(narrow type)	1 No.
17.	Electric Brazier (for brazing Band saw blade)	1 No.
18	Universal wood working machine.	1 No.
19.	Grease gun	2 No.
20.	Fire Extinguisher	4 No.
21	Adjustable Saw sharpener.	1 No.

Glass Work Tools for 20 Students of Wood Craft

23	Glass cutting tool(Diamond Cutter)	4 No.
24.	Scriber	4 No.
25	Grinding Stone	4 No.
26	Glass cutting plier (SISw klm)	4 No.

Bibliography

Book Title.	Author.
1. Principles. of Wood work.	S.R Metha.(Punjabi University Patiala Publication)
2 .Wooden Art	Prof. Ram Singh
3. Royal Carpentry	R.Sharma(Royal Book Depot Mai Hiran Gate Jalander City.)
4. Evaluation of Progress of Handicrafts Industries During The 2nd five year plan.	All India Handicrafts board 1959.
5. Handicrafts of India 1955.	Som Benegal.
6. Tribal Art and handicrafts Delhi.	Bharati Adamjati Sevak Sangh 1958.
7. Arts And Crafts Of India And Ceylon	Coomara Swami Anada.

FANCY LEATHER CRAFT

Objectives:-

- To impart theoretical and Practical knowledge of leather craft.
- To enable the pupil Teacher to understand the co-relation of Art & craft with reference to leather craft.
- To make pupil teacher realise the value of accuracy and to develop his power of invention.
- To train the observation power.
- To let him know the place of leather craft in every day life.
- To inculcate the sense of beauty while preparing the handicraft articles of daily use.

TEACHER'S ACTIVITIES: lecture, Giving notes, Demonstration, discussions, visits to leather industry.

STUDENTS' ACTIVITIES:- Listening, taking notes, taking part in discussion and preparing jobs.

1st YEAR

WEEK WISE PROGRAMME

Week	THEORY	PRACTICAL
1-8	UNIT-I - Importance of craft in present day education. - Aims of school craft. - Brief history of leather as a useful material.	Prepare - Book Mark - Key case - Comb case - different types of ladies hair clip. - Gents belt.
9-14	UNIT-II - Different types of leather and how to prepare these. - Primitive and Modern way of Tanning. - Difference between hide and skin or leather selection of good leather. - Common defect of leather i.e. marks, cuts, spots, their causes and how to remove them.	Prepare - Photo frame (single) - Note book cover. - Different types of ladies and gents coin purse with design.
15-16	Revision & Test	
17-22	UNIT-III - Tools:- Different tools useful for leather craft. - Different uses of different tools and how to maintain them properly. - Common steps to be followed for preparing and leather article i.e. planning, pattern making, designing and modeling.	Prepare - Letter Rack - Letter pads, visiting card case. - Upper part of slippers.
23-30	UNIT-IV Different techniques of leather decoration. - Flate Modeling - Batik Work - Stencil design and spray work - Embossing work - Block printing - Poker technique	Prepare - Spectacles, Goggle case. - Different types of hand bags. - Different types of shopping bags.
31-32	Revision & Test	
33-37	UNIT-III - Staining or Colouring, Polishing, colour schemes, mixing of colours and polishing leather. - Stitching-Thonging, Types of lacing and stitching, Running stitch, Back stitching, Saddle stitching. - Thonging :- How to prepare thong various thonging methods, Running thonging, over sew thonging, over sew thonging with two different coloured thongs, couching, criss-cross system. - lining work. - Adhesives:- Different kinds of adhesives and their uses.	Prepare - Chess Board, Table Mats - Tie case
38-44	- Attaching of handle pockets, gussets, D rings, Zips, locks, side button and press buttons etc. - Button fixing, parts of buttons and fixing.	Prepare Indian toys, Fish, Horse, Duck etc.

THEORY

Instructions for the paper setter

1. The question paper will consist of 3 units I, II and III.
2. Total 7 questions will be asked will have 2 question from the respective unit of the syllabus.

Instruction for the candidate

1. Candidates are required to attempt 5 questions.
2. All questions carry equal marks i.e. 10 marks each.

PRACTICAL

This paper will be conducted by the practical examiner according to the date sheet.

Question will be set to prepare simple leather article, Job on the basis of practical syllabus.

Paper setter will prepare instructions for the practical examiner and he will evaluate on the following lines.

1.	Correct Measurement	15 Marks
2.	Correct designing	15 Marks
3.	Techniques and clarity of expression	20 Marks
4.	Finishing and Colouring	30 Marks
	TOTAL	80 Marks

TOOLS AND EQUIPMENT FOR A CLASS OF 20 STUDENTS FOR FANCY LEATHER CRAFT

S.N	ITEM	Qty.
1.	Scissors 10"	5
2.	Scissors for Cutting Zig Zag 200mm	5
3.	Compas	5
4.	Set square	5
5.	Metal ruler	5
6.	Knife/cutter	5
7.	Khurpi/Ranpi	5
8.	Roller	5
9.	Tracer Modeller/Modeller bewal	20
10.	Stitch spacer/Tracing Wheel	5
11.	Awl	20
12.	Single punch plier	5
13.	Six way punch plier	5
14.	Artificial Fancy Punches	25
15.	Mallet (Wooden)	5
16.	Leather Hammer	5
17.	Press stud tools	5
18.	Wooden Block (Big)	10
19.	Wooden Block (Small)	15
20.	Eye lids tools	5
21.	Sewing machine	1
22.	Set of screw drivers	1
23.	Press (Iron)	1
24.	Cutting board	5
25.	Measuring Tape	5
26.	Show case	2
27.	Almirah	2
28.	White Board with easel	1
29.	Steel lockers, 8 compartments with individual locking	3
30.	Press Machine	2

BOOKS:-

1. A Text Book In Leather Work. (Prof. R.B. Gupta, S.K. Saraswaty), Kumar Sons Solan (H.P)
2. Leather Craft Made easy(K.Sharma) Adarsh Parkashan, Amritsar (Pb.)

PRACTICAL NOTE BOOK:- Every student will prepare a practical Note Book in which he/she will prepare a the working Drawing of all the articles he/she will prepare.

PROJECT

INTRODUCTION

- As when a student passes his/her first year Art and Crafts Teacher's Training class, he/she has acquired sufficient knowledge and training about the subject taught. He/she must have desired to do something adventurous in a subject of his/her liking. But the non availability of time, due to study of other subjects and many topics in one subject, had compelled to see himself/herself helpless to do so.
- To exploit this ability, stress of one subject is reduced in second year by introducing a scheme called project work.

Silent features of Project:

- Every student of 2nd year class have to opt for a subject of his/her choice for project.
- It is compulsory.
- Will be individual efforts under the guidance of concerned teacher only.
- ***Topic for the project can be out of any subject of the course.***
- Carries 100 marks out of which 60 marks for internal Assessment by the a teacher-supervisor of the institute, 20 marks by the project evaluation team of the institute in a seminar/ exhibition where the work of all the students is to be displayed and 20 marks for the Viva-Voce to be given on the recommendation of inspecting officer/external examiner to be appointed by the head of the institute.
- The aim of this project is to highlight Virtuosity of student & to judge his/her ability.

Guidelines for Project:

- Every Subject teacher being a teacher-supervisor will be allotted a number of student to have a project work in that subject.
- As far as possible a student should be free at his/her will to opt the subject of his/her choice, depending upon the availability of concerned subject teacher.
- The teacher shall submit the list of student to the office.
- The subject of the project work can be changed within a fortnight after that there shall be no change of subject.
- After selecting a topic student is to approach everything helpful for his/her project work i.e. library, experts, site of concern etc. He/she is to collect and study relevant literature, material, information etc. Then to organize the whole data in order to create outstanding items under the guidance of his/her supervisor.
- During every period the concerned teacher/supervisor shall supervise the student's activities, working method presence of mind and evaluate his/her attempt. Teacher will have the record of it for sessional marks.
- The project will be carried out, during the course, over a duration of 2nd year.
- Every student should do a project individually and no grouping is allowed.
- The project will carried out under the guidance of the concerned subject expert of institute.
- The project should be displayed in a seminar and submitted to institute and that will be the property of the institute.
- The institute will arrange for an expert to conduct the Viva-Voce.
- The name of subject/topic of project in detailed marks card of successful students shall be mentioned.

NORMS FOR SPACE, EQUIPMENT & FURNITURE FOR ART & CRAFT
FOR 2 UNITS (80 STUDENTS), FIRST & SECOND YEAR (TOTAL 160 STUDENTS):

SN	Essential Items	Area in Square meters
i	Principal's Room	15-20
ii	Staff Room	10
iii	Office Room	15
iv	Store Room	10
v	Library	30
vi	One Multi Purpose Hall for Still Life/Theory	60
vii	6 Halls for subjects mentioned at sr.no. 3, 5, 6 in first year & 3, 4, 5 in 2 nd year	30 (1.5 Sqm per student)
viii	Paper Craft/Theory	30 (1.5 Sqm per student)
ix	Clay Modeling Room/Shed	30 (1.5 Sqm per student)
x	Dress Designing/Soft Toys Making/Fancy Leather Lab	30 (1.5 Sqm per student)
xi	Photography Lab/ Screen printing	
xii	Wood Craft Shop	70 (3.5 Sqm per Student)
xiii	Computer Lab	30 (1.5 Sqm per student)

Note:- For less and more number of units of the course, the space norms may be worked out accordingly with rider that the students be provided sitting rooms/halls as per the time table.

Furniture:- Each Room/Hall(6 in number) be provided the following furniture and other items

1. Drawing Table : 20
(for resting a Drawing Board)
2. Stools : 20
3. White Board (4'x 6') : 1
4. Multi Colour Marker : 1 set
5. Teacher's table : 1
6. Teacher's chair : 1
7. Teacher's steel almirah : 1
8. Water supply tap and sink : 1
9. Display Board(7'x4') : 1
10. Steel Lockers(8 compartments) : 2 (If not provided other wise)

Apart from the above the items are required specific to the subject.

1. Multi Media Computer along with : 1 for the institute
Inkjet Printer & furniture(For AV aids)
2. TV Output Card(For AV aids) : 1
3. 25/29 inches TV (For AV aids) : 1
4. Easel Stand : 21 for painting subject only
5. Denkey Desk : 40 (for Still life, 1st & 2nd year)
6. Tracing Table (2'x3') : 2 for the institute
7. Studio Lamp : 4 (2 for Still Life and 2 for Painting)
8. Model Stand : 2 (For Still Life)
9. Dual Desk : 20 For Theory
10. LCD Projector : 1 for the Institute (Optional for institute with less then 200 seats for above 200 seats it is compulsory).

NORMS AND QUALIFICATIONS OF THE FACULTY

S.N	Faculty/Staff	Number
1.	Principal	1
2.	Instructors Where ever in any specific area a instructor/teacher is not available, Guest faculty may be engaged.	8 (for 160 students)
3.	Senior Assistant	1
4.	Junior Assistant/Clerks/ Store Keeper/Steno Typist	1
5.	Librarian	1
6.	Hostel Superintendent- cum P.T.I.	1
7.	Peons	2(on contract basis)
8.	Chowkidar for Institute and Hostel	2+1
9.	Sweeping/Cleaning/Gardening Services	May be contracted out

Qualifications:-

Instructors:

Principles of Education, Education Psychology, Skill in Teaching (Art & Craft), History & Appreciation of Art.

M.A. (Fine Arts), B.Ed. or M.A. History of Art., B.Ed. or B.A., B.Ed. with (Fine Art as one of the teaching subject), B.A./B.Sc. B.Ed. with two years Arts & Crafts Diploma

Painting

Should possess three years Diploma in Drawing and Painting / B.F.A in drawing & Painting/ M.A. (Fine Arts) from Government recognised institution.

Still Life/Design

B.F.A in Commercial Art / B.A. with Commercial Art as one of the subject/ 4 years Art Master course/ Two years Diploma in Arts and Crafts Teacher Training with more than 55% marks

Commercial Art/Design

B.F.A in Commercial Art / B.A. with subject Commercial Art/4 years Art Master course/three years Diploma in Commercial Art

Geometrical Drawing/ Scale & Prospective Drawing

Degree/Diploma in Mechanical Engineering or Two years Diploma in Arts and Crafts Teacher Training with more than 55% marks

Computer awareness/Computer Graphics

Minimum 2 years Diploma in Computer Application/DOEACC 'O' or 'A' Level

Clay Modeling/ Paper Craft

4 years Art Master course or Two years Diploma in Arts and Crafts Teacher Training with more than 55% marks

Dress Designing

Should have 2 National Trade Certificates one in Cutting & Sewing and one in Embroidery & Needle Work or Dress Making with Teacher Training/CTI OR

Should possess Diploma in Fashion Technology or Diploma in Costume Designing and Dress Making from a recognized university or institution OR

Should possess two year Diploma in Art & Craft with specialization in Cutting & Tailoring as one of the major craft/ Dress Designing as Craft

Photography/Screen Printing/Wood craft/Fancy Leather Craft/ Soft Toys Making

Diploma/Certificate in Concerned Subject or Minimum five years experience in Concerned Subject

Principal:

Should have

Degree of Masters of Fine Arts / M.A. (History of Art/Fine Art) & B.Ed.

Or

- i) Five Years Diploma in Drawing and Painting or Commercial Arts/Sculpture from a Government recognized Institute OR B.F.A. in drawing & Painting/Commercial Art/Graphics /Sculpture ; and
- ii) Two years teaching Experience in a Government Institution or an Institution recognized by the Government.

Or

- I. Three years Diploma in Commercial Arts from Punjab State Board of Technical Education and Industrial Training
- II. Four years teaching Experience in a Government recognized institute.

Or

M.A./M.Sc. B.Ed. with (Five years teaching Experience in a Government Institution or an Institution recognized by the Government).

Or

M.A./M.Sc., B.Ed. with (two years Arts & Crafts Diploma)

Or

Degree in Engineering.

Or

- i) B.A./B.Sc. B.Ed. with two years Arts & Crafts Diploma
- ii) Ten years teaching Experience in a Government Institution or an Institution recognized by the Government.

.