

**डॉ. बाबासाहेब आंबेडकर मराठवाडा विद्यापीठ, औरंगाबाद****परिपत्रक क्रमांक/एस.यू./विज्ञान/अभ्यासक्रम/७४/२०१४**

या परिपत्रकाद्वारे सर्व संबंधितांना सुचित करण्यात येते की, विज्ञान विद्याशाखेने शिफारस केल्यानुसार बी. एस्सी. / एम. एस्सी. प्रथम व द्वितीय वर्षाच्या सुधारित अभ्यासक्रमास आणि बी. एस्सी. प्रथम वर्षाच्या अभ्यासक्रमात किरकोळ बदल करण्यास विद्यापरिषदेच्या वतीने मा. कुलगुरु यांनी, त्यांना प्राप्त असलेल्या विशेष अधिकार महाराष्ट्र विद्यापीठ अधिनियम-१९९४ कलम १४(७) अन्वये मान्यता दिलेली आहे. त्या अनुषंगाने सुधारीत तयार केलेल्या अभ्यासक्रमाची प्रत या परिपत्रकासोबत आपल्या पुढील कार्यवाहीसाठी पाठविण्यात येत आहे.

[1]	<b>B.Sc. Physics</b>	<b>Semester-III &amp; IV,</b>
[2]	<b>B.Sc. Chemistry</b>	<b>Semester-III &amp; IV,</b>
[3]	<b>B.Sc. Botany</b>	<b>Semester-III &amp; IV,</b>
[4]	<b>B.Sc. Zoology with minor changes</b>	<b>Semester-I &amp; II,</b>
[5]	<b>B.Sc. Zoology</b>	<b>Semester-III &amp; IV,</b>
[6]	<b>B.Sc. Fisheries</b>	<b>Semester-III &amp; IV,</b>
[7]	<b>B.Sc. Electronics (Opt.)</b>	<b>Semester-III &amp; IV,</b>
[8]	<b>B.A./B.Sc. Mathematics</b>	<b>Semester-III &amp; IV,</b>
[9]	<b>B.Sc. Computer Science</b>	<b>Semester-I &amp; II,</b>
[10]	<b>B.Sc. Information Technology</b>	<b>Semester-I &amp; II,</b>
[11]	<b>B.C.A.</b>	<b>Semester-I &amp; II,</b>
[12]	<b>B.Sc. Computer Science(Opt.)</b>	<b>Semester-I &amp; II,</b>
[13]	<b>B.Sc. Information Technology(Opt.)</b>	<b>Semester-I &amp; II,</b>
[14]	<b>B.Sc. Computer Application(Opt.)</b>	<b>Semester-I &amp; II,</b>
[15]	<b>B.Sc. Computer Maintenance(Opt.)</b>	<b>Semester-I &amp; II,</b>
[16]	<b>B.Sc. Biotechnology (Progressively)</b>	<b>Semester-I to VI,</b>
[17]	<b>B.Sc. Biotechnology (Opt.) (Progressively)</b>	<b>Semester-I to IV,</b>
[18]	<b>B.Sc. Sericulture Technology</b>	<b>Semester-I &amp; II,</b>
[19]	<b>B.Sc. Networking Multimedia</b>	<b>Semester-III &amp; IV,</b>
[20]	<b>B.Sc. Bioinformatics</b>	<b>Semester-I &amp; II,</b>
[21]	<b>B.Sc. Hardware &amp; Networking</b>	<b>Semester-I &amp; II,</b>
[22]	<b>B.Sc. Animation</b>	<b>Semester-I &amp; II,</b>
[23]	<b>B.Sc. Dairy Science &amp; Technology</b>	<b>Semester-III &amp; IV,</b>
[24]	<b>B.Sc. Biochemistry</b>	<b>Semester-III &amp; IV,</b>
[25]	<b>B.Sc. Analytical Chemistry</b>	<b>Semester-III &amp; IV,</b>
[26]	<b>B.Sc. Textile &amp; Int. Decoration with minor changes</b>	<b>Semester-I &amp; II,</b>
[27]	<b>B.Sc. Textile &amp; Int. Decoration</b>	<b>Semester-III &amp; IV,</b>
[28]	<b>B.Sc. Home Science with minor changes</b>	<b>Semester-I &amp; II,</b>
[29]	<b>B.Sc. Home Science</b>	<b>Semester-III &amp; IV,</b>
[30]	<b>B.Sc. Agro.Chem. &amp; Fertilizers</b>	<b>Semester-III &amp; IV,</b>

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[31]	B.Sc. Geology	Semester-III & IV,
[32]	B.A. Statistics with minor changes	Semester-I & II,
[33]	B.A. Statistics	Semester-III & IV,
[34]	B.Sc. Statistics with minor changes	Semester-I & II,
[35]	B.Sc. Statistics	Semester-III & IV,
[36]	B.Sc. Industrial Chemistry	Semester-III & IV,
[37]	B.Sc. Horticultural	Semester-I & II,
[38]	B.Sc. Dry land Agriculture	Semester-I & II,
[39]	B.Sc. Microbiology	Semester-III & IV,
[40]	M.Sc. Computer Science	Semester-I to IV,
[41]	M.Sc. Information Technology	Semester-I to IV.

हा सुधारीत व नवीन तयार केलेल्या अभ्यासक्रमाचा आराखडा शैक्षणिक वर्ष २०१४-१५ करिता मर्यादित असेल व विद्यापरिषदेच्या अंतिम मान्यतेनंतर हे परिपत्रक नियमित ठेवण्याबाबत या कार्यालयाद्वारे नवीन परिपत्रक पारीत करण्यात येईल. तसेच सुधारीत व नवीन तयार केलेल्या अभ्यासक्रमाची प्रत विद्यापीठाच्या संकेतस्थळावर उपलब्ध आहे.

करिता, या परिपत्रकाची सर्व संबंधितांनी नोंद घ्यावी.

विद्यापीठ प्रांगण,  
औरंगाबाद-४३१ ००४.  
संदर्भ क्र.एस.यु./सा.शा./सबवि /२०१३-१४/  
६५९९-७०२  
दिनांक :- २७-०५-२०१४.

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संचालक,  
महाविद्यालये व विद्यापीठ  
विकास मंडळ.

या परिपत्रकाची एक प्रत :-

- १) मा. परिक्षा नियंत्रक, परिक्षा विभाग,
  - २) मा. प्राचार्य, सर्व संलग्नीत महाविद्यालये,
  - ३) संचालक, युनिक यांना विनंती करण्यात येते की, सदरील अभ्यासक्रम विद्यापीठाच्या संकेतस्थळावर उपलब्ध करुण देण्यात यावेत.
  - ४) संचालक, ई-सुविधा केंद्र, विद्यापीठ परिसर,
  - ५) जनसंपर्क अधिकारी, मुख्य प्रशासकीय इमारत,
  - ६) कक्ष अधिकारी, पात्रता विभाग, मुख्य प्रशासकीय इमारत,
  - ७) कक्ष अधिकारी, बी.ए. / बी.एस्सी./ बी.सी.एस./एम.एस्सी. विभाग, परीक्षा भवन,
  - ८) अभिलेख विभाग, मुख्य प्रशासकीय इमारती मागे,
- डॉ. बाबासाहेब आंबेडकर मराठवाडा विद्यापीठ, औरंगाबाद.

**DR.BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY,  
AURANGABAD.**



**Revised Syllabus**

**Of**

**B.Sc. Second Year**

**Textile & Interior Decoration**

**Third & Fourth Semester**

**THREE YEAR DEGREE COURSE**

**( EFFECTIVE FOR 2014-15 )**

**Semester – III****Basics of Computer Science Application – I ( Practical )****Code : 2313****Max. Marks : 50****Periods / wk.4**

Introduction to Computer and AutoCAD	General Concepts of Computer, Saving a File, Opening a File, Creating a new file, Introduction to AutoCAD, Line, Erase, Undo, Redo, Point & Point style, Rectangle, Dist, ID, Object snap, etc.
Do	Exercise – 1
Primitives	Circle, Donut, Ellipses, Polygon, Dtext, Mtext, Editing Text, Hatch and Hatch edit, etc.
Do	Exercise – 2 & Exercise – 3
Primitives and Basic Editing	Arc, Pline, Limits, Move, Copy, Offset, Fillet, Chamfer, Trim, Extend, Line type, Line type scale, Modify properties, Match properties, etc.
Do	Exercise – 4, Exercise – 5 & Exercise – 6
Editing	Array, Rotate, Scale, Mirror, Break, Text style, Divide, Measure, etc.
Do	Exercise – 7 & Exercise – 8
Editing and Display Techniques	Lengthen, Pedit, Stretch, Object selection, Pan, Zoom, Layer, etc.
Do	Exercise – 9 ( Using Layer )
Dimensioning	Drawing Dimensions ( Linear, Radial,

	Diametrical, Angular ), Tolerance Tedit, New text, Update etc.
Do	Dimensioning of Exercises 1, 2, 3, 5, 6, and 7
Dimensioning and Dimension Editing	Continuous, Baseline, Ordinate, Various styles and variables, Leader, etc.
Do	Dimensioning of Exercises 4,8 and 9
Industrial Drawing Technique - I	Mvsetup, UCS, WCS, Script, Slide, Xref, etc.
Do	Exercise – 11
Customization	Paper Space & Model Space, Design Centre, Tool Palette, Raster attachment, Draworder, Calculator, Noun / Verb Selection, Filter, etc.
Do	Exercise – 12
Do	Exercise – 13
Do	Exercise – 13
Isometric and 3D Modelling	Isometric, Wire frame, Surface modeling, Height & Elevation, Solid modeling, Extrude, Revolve, Boolean operations etc.
Do	Exercise – 14
3D Editing	Setting Working plane, UCS, Section, Slice, 3D fillet, 3D chamfer, 3D mirror, 3D array, Plan, Dview, Rendering, Material, Light, Camera, Massproperties, 3D Orbit, Shademode etc.

Do	Exercise – 15
AutoLISP-I	Introduction, Concept of Algorithm, Programming Languages, Compilation vs. Interpretation, Grammar, Data types, Point Representation, Concept of Evaluation & Quate Function, Types of values return, Arithmetic Functions, Relational Functions, Logical Functions, Control Functions, Conditional Functions, Geometric Functions, Input & Output Functions, Program writing etc.
AutoLISP-II	Concept of functions, Sub-routines, Local variables, Global variables, Error Delection & handling, General Programming technique etc.
Do	Drawing concentric circles, Drawing concentric rectangles, Textual increment etc.
Discussion / Review	Plotting, Scanning, Floppy, Review
Theory Test	
Lab Test	

**Fundamentals of Interior Decoration – III ( Theory )****Code : 2314****Max. Marks : 50****Periods / wk.3**

1. **Furniture in Interiors** – Styles of Furniture – Traditional, contemporary and modern design, Furniture for different purpose – meaning need, factors influencing – family needs and preferences, availability, principles of Design and financial limit.
2. **Familiar furniture materials** – wood – teak, rose wood, walnut, cedar, mahogany, pine, birch, sal, ply wood, bamboo, cane, metals, plastics, leathers.
3. **Selections and arrangement** – buy manship, arrangement of furniture for various rooms, living room, dining room, bedroom, kitchen, study room, office.
4. **Construction features of furniture** – shaping, carving, turning, fluting, reeding, joining and finishes, upholstering – techniques and designs.
5. **Care and maintenance** – wooden furniture, wicher and cane, metal furniture, plastic, upholstered furniture polishes.



**Fundamentals of Interior Decoration – III (Practical)****Code : 2314****Max. Marks : 50****Periods / wk.4**

1. Visit to various furniture showrooms and shops to understand basics of furniture design and detailing.
2. Market survey for different materials used for making different furnitures.
3. Designing of residential furniture with detailing.

**REFERENCES :**

1. Stepat, D.D, (1971), Introduction to Home furnishings, The Mac Millan Co, NewYork.
2. Wilhide, E and Cope stick, I. ( 2000 ) contemporary decorating, conron octopus Ltd., London.
3. Levine M ( 1998 ), Living rooms, Rockport publishers, USA.
4. Faulkner. R and Faulkner. S, (1987), Inside today's home, Rinehart Winston, New York.
5. Mullick P, ( 2000 ), Textbook of Home Science, Kalyani publishers, New Delhi.
6. Designer's Guide to Furniture Styles ( 3<sup>rd</sup> Edition ) by Treena Ctrichet.
7. Wharton Esherick : The journey of a Creative Mind, by Mansfield Bascom.
8. Mission Furniture: How to Make It, By Popular Mechanics Magazine, HH Windsor, Popular Mechanics.

**Semester - III**



## **Interior Decoration and Applied Art – ( Minor – Theory )**

**Code : 2315**

**Max. Marks : 50**

**Periods / wk.3**

**Objectives :**

**To enable students :**

1. To understand art and apply its principles in the creation and selection of minor Art Forms.
2. To select apply and create various interiors using various art objects

**Contents :**

- a) Introduction to Art and Applied Art and its application to commercial situations.
- b) Selection care and use of art objects to suit different and special occasions. Understanding the basic composition and nature of the minor arts.

**Minor Arts ( Crafts ) :**

1. Ceramic Form : a) Earthenware b) Stoneware c) Porcelain d) Glazed ware e) Unglazed Pottery f) Mosaic g) Teracotta in India.
2. Processed Wood Work : Wood Carving, Inlay, Lacquering Wood work in India.
3. College-Origin and Growth, Modern college work.
4. Paper Mache-Origin, Paper Mache from various parts of India.
5. Basket Weaving in India.
6. Recycling waste – Crating craft out of waste

**Semester – III**

**Interior Decoration and Applied Art ( Minor-Practical )**

**Code : 2315**

**Max. Marks : 50**

**Periods / wk.4**

1. Collage work –Posters, Projects etc.
2. Objects from recycled materials. Crafts from day to day objects.
3. Visits to various craft fairs and compilation of materials
4. Projects of Fabric Painting of any applied design for Cushion Covers, Pillow Covers, etc.
5. Pot painting

**REFERENCE :**

1. The Art and Craft of Papier Mache-Juliet Bawden. Pub:by-Mitchel Beazley, USA.
2. Ceramics Source Book – Error Manners. Chartwell Books – 110 enterprise Avenue, Secaucus, New Jersey 07094.
3. Shristi – V.Balu – Rupa and Co., Calcutta
4. The Glory of Indian Handicrafts – Kamala Devi chattopadyay, Clarion Books.
5. Guides to Home Decorating – Indian Style. Pricilla Kohute – Mapin Books Pvt.Ltd., 31, Somnath Road, Usman Pura, Ahmedabad 380013, India.
6. Arts and Crafts of India. I lay Cooper, John Gillow – Thames and Hudson, London.
7. An Introduction to Pottery ( Step by Step Project Book ). Quintet Publishing House Chatwell Book Inc.
8. Design and Make Curtains – Heather Luke. Pub, by New Holland Publisher Ltd.

**Semester III**

**Introduction to Finishing Process ( Theory )**

**Code No.2316**

**Max. Marks : 50**

**Period / wk.: 3**

**Unit 1** - Meaning, aims and objectives of finishes.

**Unit 2** - Types of finishes according to its durability.

- Permanent finish
- Durable finish
- Temporary finish
- Renewable finish

**Unit 3** - Classification of finishes :

- Essential finishes – mercerizing, singeing, scouring, sanforizing, bleaching, calendaring, brushing, weighting, degumming, sizing, delustering.
- Special finishes – waterproof and water repellent, fireproof, mothproof, crease resistant.
- Aesthetic finishes – shearing, creping, embossing, mooring, napping.

**Assignment** : collection of fabrics of different finishes.

**Books Recommended** :

- 1) Sushma Gupta, Neru Garg, Renu Saini, “ Text Book of Clothing & Textile” Kalyani Publishers, Ludhiana.
- 2) Durga Deulkar, “ Household Textiles and laundry”.
- 3) Banard Lorbman, “ Textiles Fiber to fabric”.
- 4) Norma Hollen, Jane Saddler, Anna Langford, “ Textiles”
- 5) K.P.Hess, “ Textile Fibers and Their use”.

**Semester III**

## **Garment Construction – I ( Theory )**

**Code No. 2317**

**Max. Marks : 30**

**Period / wk. : 3**

**1 / 4 scale drafting of following garments :**

1. A – Line skirt
2. Yoke skirt with full flare
3. Ladies Top ( Any one design )
4. Salwar
5. Chudidar
6. Kurta ( Ladies )

**Semester III**

**Garment Construction – I ( Practical )**

**Code No. 2317**

**Max. Marks : 50**

**Period / wk.: 4**

1. Yoke skirt with flare.
2. Ladies Top ( Various designs any one type )
3. Salwar
4. Chudidhar
5. Kurta ( Ladies )

Ref : Winifred Aldrich II & III edition.

Drafting by Dilip Karampuri.

**Books Recommended :**

1. Ritu Jindal, " Handbook of Fashion Designing"
2. Jenny Davis, " A complete guide to fashion designing"
3. Sushma Gupta, Neeru Garg, Renu Saini, " Text book of Clothing and Textiles".
4. Zarapkar, " System of Cutting", Navneet Publication, India.

**Semester III**

**Fabric Ornamentation ( Theory )**

**Code No.2318**

**Max. Marks : 50**

**Periods / wk. : 3**

1. Embroidery – History, rules of embroidery, stitches used in embroidery.
2. Crochet – Basic crochet rules and different types of crochet.
3. Smocking – Types of smocking.
4. Quilting – Quilting Techniques, tying, padded and corded.
5. Painting – History of painting, types of painting.

**Semester III**  
**Fabric Ornamentation ( Practical )**

**Code No. 2318**

**Max.Marks : 50**

**Period / wk.: 4**

1. Embroidery ( Samples for each of the following types )
  - a) Stem stitch.
  - b) Lazy daisy.
  - c) Satin.
  - d) French knot.
  - e) Applique work
2. Crochet : One motif sample ( any one )
3. Quilting : One sample ( any one )
4. Smocking : One sample ( any one )
5. Painting : Five samples using different techniques.

**Semester – IV**

**Basics of Computer Science Application – II ( Practical )**



**Code : 2419****Max. Marks : 50****Periods / wk.4**

<b>THEORY</b>	Introduction to 3D-Modelling and 3D-AutoCAD models
	<ul style="list-style-type: none"> <li>• AutoCAD3D – Different types of 3D-Models <ul style="list-style-type: none"> <li>- Advantages of 3D-Modelling</li> <li>- 3D Coordinate System</li> <li>- Generation of 3D-Models in AUTOCAD</li> </ul> </li> <li>• Models - i) Production of Wireframe</li> <li>• Models - ii) Production of Surface</li> <li>• Models - iii) Production of Solid</li> </ul>
<b>LAB.THEORY</b>	Editing of 3D-AutoCAD Models. <ul style="list-style-type: none"> <li>• 3D array, Mirror, Fillet, Chamfer, Rotate, Align, Slice.</li> <li>• Solid Edit Options <ul style="list-style-type: none"> <li>* Face Option.</li> <li>* Body Option.</li> <li>* Edge Option.</li> </ul> </li> </ul>
<b>LAB.THEORY</b>	Introduction to 3D-S Max Production of Solids in 3D-Studio Max <ul style="list-style-type: none"> <li>• Display in Max, Toolbars, Menu Bar, Tab Panel</li> <li>• Introduction of 3D-AutoCAD Models in Max</li> <li>• Standard Primitives – Creation of Simple Objects in Max.</li> </ul>
<b>LAB.THEORY</b>	<b><i>Creation of Complicated Objects in Max and Modifications</i></b> <ul style="list-style-type: none"> <li>• Simple Modifications Bend, Taper, Twist, Extrude, Lathe, Bevel.</li> </ul>

	<ul style="list-style-type: none"> <li>• Interface.</li> <li>• Group &amp; Ungroup.</li> <li>• Display Floater</li> <li>• Boolean Operations.</li> </ul>
<b>LAB.THEORY</b>	<p><b><i>Dimensioning and Mapping</i></b></p> <ul style="list-style-type: none"> <li>• Modification of Dimension.</li> <li>• Post-Production Operations</li> <li>• Different Maps and their Adjustments.</li> </ul>
<b>LAB.THEORY</b>	<p><b><i>Max Materials</i></b></p> <ul style="list-style-type: none"> <li>• Types of Materials</li> <li>• Material Editor.</li> <li>• Use of Library Materials.</li> <li>• Modification on Library Materials</li> <li>• Creation of New Materials</li> </ul>
<b>LAB.THEORY</b>	<p><b><i>Introduction of Light</i></b></p> <ul style="list-style-type: none"> <li>• Types of Light and their different properties</li> <li>• Creation of Light.</li> <li>• Display of Light Objects</li> <li>• General Lighting Parameters</li> <li>• Effect of Light on Models</li> </ul>
<b>LAB.THEORY</b>	<p><b><i>Use of Camera</i></b></p> <ul style="list-style-type: none"> <li>• Types of Camera</li> <li>• Properties and Parameters of Camera.</li> <li>• Use of Camera and its placement.</li> </ul>
<b>LAB.THEORY</b>	<p><b><i>Overview of Rendering</i></b></p> <ul style="list-style-type: none"> <li>• Products of Rendering</li> <li>• Parameters to Control the Final Product.</li> <li>• Background and Effects.</li> <li>• Image Properties</li> </ul>
<b>LAB.THEORY</b>	<p><b><i>Post – Production Editing and Total Management</i></b></p> <ul style="list-style-type: none"> <li>• Introduction of Library Objects</li> </ul>

	<ul style="list-style-type: none"> <li>• Special Effects on Model.</li> </ul>
<b>LAB.THEORY</b>	<p><b><i>Concept of Perspective – I</i></b></p> <ul style="list-style-type: none"> <li>• Meaning of Perspective</li> <li>• Picture Plane, Vanishing Point.</li> <li>• One Point and Two Point Perspective</li> <li>• Human Eye view and Birds Eye view.</li> </ul>
<b>LAB.THEORY</b>	<p><b><i>Concept of Perspective – II</i></b></p> <ul style="list-style-type: none"> <li>• Measurement and Division of Lines</li> <li>• Perspective of Curvilinear Surfaces</li> </ul>
<b>LAB.THEORY</b>	<p><b><i>Editing of Views in Photoshop – I</i></b></p> <ul style="list-style-type: none"> <li>• Colour Mode, Size and Type of Pictures</li> <li>• Picture Properties and their Modification</li> <li>• Colour Balance, Contrast, Hue etc.</li> <li>• Text.</li> </ul>
<b>LAB.THEORY</b>	<p><b><i>Editing of Views in Photoshop – II</i></b></p> <ul style="list-style-type: none"> <li>• Layer, History, Channel, Text.</li> <li>• Shades and shadows.</li> <li>• Texture and Lighting effects.</li> </ul>
<b>Lab.</b>	<b><i>Overall Discussion and test.</i></b>

## Semester – IV

### Interior Design and Applied Art – Major Arts ( Theory )

**Code : 2420**

**Max. Marks : 50**

**Periods / wk.4**

**Objective :-**

**To enable students :**

1. to understand art and apply its principles in the creation and selection of art objects
2. to appreciate and select appropriate major art work for interiors.

**Contents :**

**I. Minor & Major Arts :**

1. A) Metal Work – Shaping of metal, decoration, damascening enameling, metal work in India .  
B) Lamps & Vessels  
C) Bidri  
D) Tanjore Plate enameling in India
2. Glass Ware-Stained glass history development and its usage in modern Interior. Various types of glass and glassware.

**II. Study of different architectural styles –**

Forms in relation to different places in India and the West. India – Buddhist stupas, Vihanas.

South Indian temple architecture-a brief study of the Brihadeswara I Chidambaram temples. North Indian Temple Architecture – Orissan Temples

West-Egyptian, Greek, Roman, Early Christian, Byzantine, Romanesque and Gothic.

**III. Sculptural Forms :**

- a) Types-Sculpture in round, relief sculpture and intaglio.

- b) Materials – Hard and Plastic
- c) Processes – Carving, Modeling and Casting, Assemblage.
- d) Function – Dependent or independent on Architecture
- e) Selection of appropriate sculpture for various interiors.

#### **IV. Drawing :**

Pencil, Crayon, Pen and Ink and Charcoal.

#### **V. Painting :**

Traditional Media-Fresco, Tempera, Oil and Water Colours.

#### **VI. Synthetic Media –**

Acrylic

### **Semester – IV**

### **Interior Design and Applied Art – Major Arts ( Practical )**

**Code : 2420**

**Max. Marks : 50**

**Periods / wk.4**

1. Basic Sketching exercises, drawing from objects, nature.
2. Stained Glasses Painting
3. Acrylic painting on tables, post etc.
4. Visits to Craft Melas, exhibitions, galleries etc.

**REFERENCE :**

1. The art of Indian and the West-Edith Tomory.
2. Creative Crafts of India – Jehangir Art Gallery.
3. The Story of Indian Handicrafts-Kamaladevi Chatropadyay.
4. Modern Sculpture – Herbert Read
5. Art Today – Faulkner
6. Glasses and Glassware – George Sarage.
7. First Steps in Enameling – Jink Mc Garth
8. Ceramic Source Book – Errol Manners.
9. The Art and Craft of Papier Mache – Juliet Bawdett.
10. The Glory of Indian Handicrafts – Kamala Devi Chattopadyay.

Clarion Books

11. New Larouse Encyclopaedia and Mythology. Rober Graves Hamylyn  
Publishing Group Ltd.
12. Monder Sculpture. Herbert Read-Thames & Hudson, New York
13. The Arts of India-Basil Grey, Phaidon Ltd.
14. Glass and Glassware George Savage Mandarin Publishers.

15. World Architecture. Trewan coplestone – Hamlyn Pub.
16. First steps in Enamelling. Jinks McGarth. Quintet Well Fleet Press.
17. The Oxford Dictionary of Art. Oxford University Press, New York 1988.
18. Easy to Make Stained Glass Lampshade, Ed. Sibbet Jr.Dover Pub : Inc.,  
NewYork.
19. Historic Architecture Source Book – Cyril H. Harris.
20. Art in India and the West by Sr.Edith Tomory. Orient Longman.

### **Semester – IV**

#### **Fine Arts Drawing, Sculpture & Painting - I ( Theory )**

**Code : 2421**

**Max. Marks : 50**



**Periods / wk.3**

**Drawing & Painting** : Terminologies, Foreshortening, perspective, eyelevel, fixed point of view, Vanishing point, ration proportion, sketching, proportion sketching, drawing, light & shade, painting still life, landscape, anatomy, vertical, horizontal, two & three dimensional, transparent & opaque.

**Drawing Equipment** : Supports-Canvas, Boards, Panels and paper – water colour and oil painting – Brushes – water colour and oil paint – Development design on various supports with different brushes.

**Drawing Media** : Pencils – Charcoal – Pastels – Conte Crayons – Pen and Ink – Markers and fiber tip pens – Accessories – drawing with different media.

**Painting Media** – Water colour – gouache, Tempera and Acrylics – Oils-paints, binders, diluents, mediums palettes and accessories – Development wall hangers.

**Techniques of Drawing** – Line – Points – Tone – Wash – Texture – Development greeting cards using different techniques.

**Colour and Composition** – Colour-language, tonal value, mixing, colour expression and colour contrast – Composition – creating focal points – Evaluating three famous artist work – Submission of a record.

**Media of Composition** : Collage, Mosaic, painting, mural, fresco.

**Sculpture** : Study of famous rock cut sculptures from Indian history such as Ajanta & Ellora caves, Lion Capital from Sarnath ( Mauryan period ), Seated Buddha from Sarnath ( Gupta ), Padmapani, Bodhisattva ( Ajanta Cave No.1)etc. Developing aesthetic sense of the students through the understanding of various important, well known aspects and modes of Visual Art expression in India's rich cultural heritage. Relief and round sculpture, modeling with clay, terracotta, carving in wood and stone bronze casting, Plaster of Paris and metal welding.

**Semester – IV**

**Fine Arts Drawing, Sculpture & Painting - I ( Practical )**

**Code : 2421**

**Max. Marks : 50**

### **Periods / wk.4**

1. Drawing from Still-Life and Nature, pencil monochrome / colour.
2. Collage making on different subjects from life and nature.
3. Sculpture on different subjects from the life and nature.

Handling of clay and its techniques, pinching, coiling, rolling etc.

### **REFERENCE :**

1. Gair, A, 1999 Artists Manual, Hopper Collins Publishers, London.
2. Holt, F.T.and Smith, S.1997. The Artists Manual – Equipments, Materials, Techniques, Grange Books, London.
3. Malhotra and Malhotra, 2001, Drawing Techniques, Blue bird books, Delhi.
4. Monahan, P., Seligman, P. and Clouse, W.2003, Arts School- A Complete Painters Course, Chancellor Press, London.
5. Stanyer, P. 2003. The Complete book of Drawing Techniques, Areturus Publishing Limited for book mark limited, Leicester.
6. “ Form and Space”, Edward Their, Thames and Hudson, London.
7. “Sculpture and Ideas”, Michael F. Andrews.
8. “ Modern Sculpture”, Jean Selz, Heinemann, London.
9. Applied Art Handbook – G.M.Rege, Bombay.

### **Semester IV**

### **Garment Construction – II ( Theory )**

**Code No.2422**

**Max. Marks : 50**

**Period / wk.: 3**

**1 / 4<sup>th</sup> scale drafting for following garments.**

1. Katori Blouse
2. Plain Blouse
3. Ladies Shirt
4. Ladies Trouser
5. Men's Shirt
6. Men's Trouser

**Semester IV**

**Garment Construction – II ( Practical )**

**Code No.2422**

**Max. Marks : 50**

**Period / wk.: 3**

Drafting, paper cutting, laying and stitching of following garments ( Full size )

1. Katori Blouse
2. Ladies Shirt or Men's Shirt
3. Ladies Trouser or Men's Trouser.

**REFERENCE :**

1. Zarapkar for drafting
2. Winifred Aldrich – Second and third edition.
3. Drafting by Dilip Karampuri.

**Second Year – Fourth Semester**

**Costumes of India ( Theory )**

**Code No.2423**

**Max. Marks : 50**

**Period / wk.: 3****Unit 1 –**

- Introduction of Indian costumes
- Costumes through ages
- Harappa Period
- Maurayn Times
- The era of Sultan and Mughal
- The British Period

**Unit 2 – Contemporary costumes and jewelry of Western and Northern Region.**

- Kashmir
- Himachal Pradesh
- Punjab
- Maharashtra
- Rajasthan
- Gujarat
- Uttar Pradesh and Bihar
- Madhya Pradesh

**Unit 3 – Contemporary costumes and jewelry of Eastern Region.**

- Bengal and Orissa
- Assam
- Manipur

**Unit 4 – Contemporary costumes and jewelry of Southern Region.**

- Karnataka
- Andhra Pradesh

- Tamil Nadu
- Kerala

## REFERENCES :

- Indian Costumes – A.Biswas
- Decorative designs, History in Indian Textiles and Costumes – Parul Bhatnagar.
- Vastrashastrachi sankanpana ani fashion designing
- Indian Costumes by Anamika Pathak – Published by Roli books, New Delhi.

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