

डॉ. बाबासाहेब आंबेडकर महाराष्ट्र विद्यापीठ, औरंगाबाद

परिपत्रक क्रमांक/एस.यू./विज्ञान/अभ्यासक्रमा/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 सुधारित तयार केलेल्या अभ्यासक्रमाची प्रत या परिपत्रकासोबत आपल्या पुढील कार्यवाहीसाठी पाठविण्यात येत आहे.

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

S-29 Nov., 2013 AC after Circulars from Circular No.55 & onwards

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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. परीक्षा नियंत्रक, परीक्षा 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.

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



Syllabus

Of

**B.Sc. First Year
Textile & Interior Decoration
First & Second Semester
With minor changes**

THREE YEAR DEGREE COURSE

(EFFECTIVE FOR 2014-15)

Syllabus of B.Sc. Textile & Interior Decoration

Semester – I

Compulsory English (Theory)

Code No.CL1
Period / wk. : 5

Max. Marks : 50

PAPER-I: LEARNING LANGUAGE SKILLS-I : 50 MARKS

UNIT ONE: PROSE 15 MARKS

- 1) Happy Prince- Oscar Wilde
- 2) Good Manners- J.C. Hill
- 3) The Eyes Are Not Here- Ruskin Bond
- 4) Forgetting- Robert Lynd
- 5) Home Coming- Rabindranath Tagore

UNIT TWO: POETRY 15 MARKS

- 1) One Day I Wrote Her Name upon the Strand- Edmund Spenser
- 2) Ode on Solitude- Alexander Pope
- 3) If- Rudyard Kipling
- 4) My Love Is Like Red Red Rose- Robert Burns
- 5) Stopping by Woods on a Snowy Evening- Robert Frost

PRESCRIBED TEXT: LANGUAGE THROUGH LITERATURE: an anthology of prose and poetry by The Board of Studies in English, Published by Orient Blackswan Pvt. Ltd. Hyderabad, 2012.

UNIT THREE: GRAMMAR 12 MARKS

- 1) Parts of Speech
- 2) Nouns: classes and gender; number and case.
- 3) Adjectives: kinds of adjectives; comparison of adjectives; the correct use of some adjectives and articles.
- 4) Pronouns: personal pronouns, reflexive pronouns, demonstrative pronouns, interrogative pronouns, distributive pronouns, relative pronouns.

- 5) Verbs: transitive and intransitive; verbs and mood: indicative mood, imperative mood, subjunctive mood; the auxiliaries: be, have, do, shall, can, must; modal auxiliaries.
- 6) Adverbs: kinds: simple, interrogative and relative; formation of adverbs; position of adverbs.
- 7) Prepositions: phrase prepositions; object of prepositions; relations shown by prepositions; correct use of prepositions.
- 8) Conjunctions: phrase conjunctions; coordinating and subordinating conjunctions; correct use of some conjunctions.
- 9) Interjections

PRESCRIBED TEXT: BASIC ENGLISH GRAMMAR AND COMPOSITION, Edit. By Board of Studies in English, Pub. By Macmillan Publishers India Ltd., Mumbai: 2013.

UNIT FOUR: PRECIS WRITING 8 MARKS

Recommended Reading for Grammar Units:

- 1) Contemporary English Grammar Structures and Composition by David Green Pub. By Macmillan Publishers India Ltd., 2011 edition.
- 2) Modern English: A Book of Grammar Usage and Composition, By N.Krishnaswami, Pub. By Macmillan Publishers India Ltd. 2009.

Basics of Computer (Practical)

Code No.111

Max. Marks : 50

Periods / wk.: 4

1. Fundamentals :

- a) Types of computers , Block diagram
- b) Input devices , output devices , Cup
- c) Primary memory , secondary memory
- d) Processor and its speed, Ram Monitor, Display Card.
- e) Hard disc , floppy drivers , C.D drive
- f) Hardware , Software

2. Windows 98 / 2000 / XP

- a) Introduction to word processing. Usage MS-Word, Introduction to MS word.
- b) Opening , Saving , Closing a file
- c) Page setup: changing margins, layout and paper size.
- d) Formatting Text : Tables, Insert table , enter and edit data into table
- e) Printing: Print Preview, selecting printer, and print options.

3. MS-excel :

- a) Introduction to electronic spreadsheet
- b) Introduction to MS-excel.
- c) Components of MS-excel window like title bar , menu bar formula bar, status bar, worksheet area , sheet tabs, columns , rows. Hiding & viewing toolbars like standard and formatting tool bars, Entering data, copying , moving, editing cell entries, use of auto fill, saving , closing and opening file.
- d) Page set up : Changing margins, layout and paper size enter formula , copy formula, using fill handle inserting functions.
- e) Use of function like : SUM, AVERAGE, IF, COUNT, LOG, SIN, COS.

Basis of Drawing – (Practical)

Code No.112

Max. Marks : 50

Periods / wk : 4

Unit :

1. Introduction to drawing materials :
 - i) Dry and wet materials.
 - ii) Tools & materials of drawing
2. Scale drawing Using metric, imperial scale
3. Anthropometric data – Relation of human measurement to furniture and movement , circulation pattern.
4. **Introduction to elements of drawing** : Line-types of line, line with different values, value gradation by smudging, Hatching, Stippling, Scribbling , Basic forms and shapes.

Reference :

1. Jenny Divis , “ A complete guide to fashion designing ”
2. Ritu Jindal “ Handbook of fashion designing ”
3. D’ Amelio, J, Perspective drawing Handbook, Tudor New York , 1964.
4. Hollis H.F. Perspective Drawing , 1995
5. Shah M.S. , Kale C.M.,Patki S.Y, “ Building drawing ” Tata MC.
6. Zrapkar, “ System of cutting ”.

Interior Decoration Studio & Building System Technology- I (Theory)

Code No.113

Max. Marks : 50

Periods / wk.: 3

1. Building / Interior Materials :

Types & uses (stone , brick , timber , wood based materials , paints / varnishes , ceramic , tile , architectural metals like steel & aluminum)

2. Building / Interior Construction :

An introduction to various construction techniques in interiors (Joinery , English / Flemish bonds in bricks), timber staircase , cladding , Details of doors , windows , cupboards , partitions , furniture , lintels, flooring , roofing, ceiling)

3. Mechanical & Sanitary Services :

- i) Mechanical system : Lifts & escalators
- ii) Sanitary services : Water supply system within building drainage system for residence (House drainage) Sanitary apparatus.

4. Rain Water Harvesting :

Purpose , use, Requirement , Methods

Bard Activities / Assignments :

Interior Decoration Studio & Building System Technology- I (Practical)

Code No.113

Max.Marks- 50

Periods / Wk - 4

Practical:

1. Marker Survey of different materials & presentation on the same.
2. Case study of any building G+2 to understand services.
3. Assignment on Interior Construction Materials.
4. Rain water Harvesting – Assignment / Survey.

Books Recommended:

1. Form Design and More Attractive City Environment. Pub.Chamber of Commerce, U.S.A.
2. The Complete Home Decorator by Mike Lawrence. (Pub.) Chat well Books New Jersey.
3. Art in Every Day Life. Goldstein, Oxford and IBH Publishing House.
4. Inside Today's Home – by Ray & Sarah Faulkner, Harcourt Brace & Company, U.S.A.
5. Nursery Design- Barbara Aria, Pub.Bantam Books , New York.
6. The complete Home Decorator , Caroline Clifton etc. Portinad House, New York.
7. S.C.Rangwala 'Engineering Materials' Chartor Publishing houses , Anand 1963.
8. S.C.Rangwala Building Construction , Chartor Publishing house , Anand 1963.
9. S.C.Rangwala Building Water supply & Sanitary Engineering , Chartor Publishing house , Roorkee.

Fundamentals of Interior Decoration – I (Theory)

Code No. 114

Max. Marks: 50

Periods / wk.: 3

- 1. Definition:** Introduction to Art & Design.
- 2. Elements of design:** Point, line, different shapes, forms. Color, space.
- 3. Design:** Structure & decoration design, types of decorative design.
Naturalistic, stylised, abstract and geometrical design.
- 4. Principles of Design:** Harmony, balance, proportion, emphasis & Rhythms
(Definition, types & its application to interior & exterior).
- 5. Colour:** qualities of colour , pigment, colour theory (prang colour theory)
colour harmonies , how to build a colour scheme , colour scheme to create an
atmosphere of different rooms.
- 6. Floor finish for different income groups, different types of hard & soft floor
coverings, care & maintenance.**

Fundamentals of Interior Decoration – I (Practical)

Code No.114

Max. Marks : 50

Periods / wk. : 4

1. Arranging various areas using different principles of design.
2. Special area arrangement: Hotels, Restaurants, Hospitals, Auditoriums, Airports etc.

Reference:

1. Mix & match Decoration Book: Many Gilliat Dover publications Inc: New York U.S.A.
2. The California Home Book: Pub: Harry N.A. Brams Ine. (N.T.)
3. Form Design & More attractive city Environment Pub: Chamber of commerce, U.S.A.

Basics of Textile (Theory)

Code No.115

Max. Marks : 50

Periods / wk. : 3

Unit 1 : Introduction to textile fiber ,Classification of fibers (Flow Chart)

Unit 2. : Manufacturing process of the following:

A) Natural fibers :

Plant – Cotton, Linen

Animal – Wool, Silk

B) Manmade fibers : Nylon , Viscos rayon , Polyester

C) Physical & chemical properties of Cotton, Jute, Linen, Hemp, Wool, Silk, Asbestos, Nylon, viscose rayon.

D) Primary & Secondary properties of fibers

Unit 3. : Yarn Manufacturing:

A) Classification of yarns: - Single, Ply & Cord.

B) Types of twist: 'S', 'Z' Low, high, optimum.

C) Types of yarns: Novelty & specially yarns, slub, Knot & spot, Ratine, Spike / Snarl, Loop, Spiral or Cock's screen.

D) Yarn numbering system: Average, resultant count, text & denier system.

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"

Fundamentals of Clothing Construction – I (Theory)

Code No.116

Max.Marks : 50

Periods / wk. : 3

Unit I- Introduction to stitching and measuring equipment

1. Sewing Machines : Types, parts, use & care
2. Measuring equipments
3. Drafting equipments
4. Cutting equipments

Unit II- Techniques of clothing construction

1. Study of basic hand stitches – temporary & permanent
2. Selvedge and its types
3. Seams & seam finishes
4. Methods of taking body measurements

Unit III- Basic clothing construction

1. Methods of introducing fullness into a fabric, Darts, tucks, pleats, gathers.
2. Facts about fabric and selvedge
3. Layout of cloth-grain , off grain & bias

4. Introduction to trimmings

Fundamentals of Clothing Construction (Practical)

Code No.116

Max.Marks : 50

Periods / wk. : 4

I. Introduction to working mechanism of sewing machine

1. Repair, care and maintenance of sewing machine.
2. Remedies of hazards in sewing process.

II. Preparation of samples :

- Seams : Plain, French, Flat & Felt, double,
Tucks : Plain tucks, Cross tucks, corded tucks,
Pleats : Knife pleat, Box pleat, inverted box pleat
Plackets : Simple, continuous, zipper
Gathers : Shirring, Ruffles, frills,

III. Preparation of Pockets : Any four types

IV. Application of Trimmings :

Lace, Ribbon, Tassels, Rope or cord, Fancy buttons and bias trimmings

V. Application of facings :

Bias facing, shaped facing

Book Recommended:

1. Durga Deulkar, "Household Textile and Laundry Work"
2. Ritu Jindal " Handbook of fashion designing "
3. Jenny Divis , " A complete guide to fashion designing "
4. Shushma Gupta , Neeru Garg , Renu Saini , "Text book of Clothing and Textiles"
5. Zarapkar, " System of Cutting ",Navneet Publication , India.

Syllabus of B.Sc.(Textile & Interior Decoration)

Semester – II

Compulsory English (Theory)

Course No.CL1

Max.Marks : 50

Periods / wk. : 5

Unit I: PROSE 15 MARKS

- | | | |
|----------------------------------|---|------------------|
| 1) The Bet | - | Anton Chekov |
| 2) The Three Questions | - | Leo Tolstoy |
| 3) With the Photographer | - | Stephen Leacock |
| 4) National Prejudices | - | Oliver Goldsmith |
| 5) Playing the English Gentleman | - | Mahatma Gandhi. |

UNIT TWO: POETRY 15 MARKS

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|-----------------------------------|---|---------------------|
| 1) Where the Mind is Without Fear | - | Rabindranath Tagore |
| 2) The Solitary Reaper | - | William Wordsworth |
| 3) Ozymandias of Egypt | - | P.B.Shelly |

- 4) Laugh and be Merry - John Masefield
- 5) The Toys - Coventry Patmore

PRESCRIBED TEXT: LANGUAGE THROUGH LITERATURE: an anthology of prose and poetry by The Board of Studies in English, Published by Orient Blackswan Pvt. Ltd. Hyderabad, 2012.

UNIT THREE: GRAMMAR 12 MARKS

- 1) Tenses; the Simple Present, the Present Continuous, and the Simple Past
- 2) The Present Perfect and the Simple Past
- 3) The Past Continuous and the Past Perfect
- 4) The Present Perfect Continuous and the Past Perfect Continuous
- 5) Future Tense
- 6) The Uses of the Tenses

PRESCRIBED TEXT: BASIC ENGLISH GRAMMAR AND COMPOSITION, Edit. By Board of Studies in English, Pub. By Macmillan Publishers India Ltd., Mumbai: 2013.

UNIT FOUR: PARAGRAPH WRITING 8 MARKS

Recommended Reading for Grammar Units:

- 1) Contemporary English Grammar Structures and Composition by David Green Pub. By Macmillan Publishers India Ltd., 2011 edition.
- 2) Modern English: A Book of Grammar Usage and Composition, By N.Krishnaswami, Pub. By Macmillan Publishers India Ltd. 2009.

Basics of Sketching (Practical)

Code No.127

Max.Marks: 50

Periods w/k :4

Unit :

- I. Croqui Drawing – 8 to 10 heads and 10 to 12 heads.
- II. Drawing of Different postures.
- III. Stylization of figure – Hands, Legs & Faces with hairstyles.
- IV. Accessory Drawing – Jewellery, Foot-ware, Bags.

Reference:

1. Jenny Divis , “ A complete guide to fashion designing ”
2. Ritu Jindal “ Handbook of fashion designing ”
3. D’ Amelio, J, Perspective drawing Handbook, Tudor New York , 1964.
4. Hollis H.F. Perspective Drawing , 1995
5. Shah M.S. , Kale C.M.,Patki S.Y, “ Building drawing ” Tata MC.
6. Zarakar, “ System of cutting ”.

Fundamentals of Interior Decoration – II (Theory)

Course No. 128

Max.Marks : 50

Periods / wk. 03

1. Creating a life space :

Factors in planning a life space : Private spaces , sleeping ,dressing , hygiene , house , quests, individual work and hobbies , solitude , kitchen utility space.

2. Basic principle of house plans, orientation, grouping, circulation, lighting, ventilation, arranging space as per needs such as private, semiprivate & public space.

3. Organizing space plan :

One room apartment, twin houses, flats, one storey, double storey & multistory, prefabricated houses etc. Houses plan for different income groups

4. Creating of Architectural Design :

Different types of foundation, building materials available.

5. Wall finishes & coverings for different income groups, application , care & finish of various materials available

Fundamentals of Interior Decoraration - II (Practical)

Course No.128

Max.Marks : 50

Periods / wk. : 04

1. Visit to various unfinished & finished apartments to see basic plans.
2. Collecting & compiling various wall finishes.
3. Simple planning of various private spaces.

Books Recommended :

1. Faulkners and Faulkners – Inside Today's Home.
2. Deshpande – Modern Ideal Homes for India.
3. Deshpande – Houses of middle classes.
4. Deshpande – Build your own home.
5. Deshpande – Build your own home.
6. Agan – The home. Its plan and use.
7. Garret Kckto – Introduction to Interior Decoration.
8. Babeffa Hayes – All colour guides to home decorating and design.
9. Wilton – Elements of Interior Design.
10. Goldstein – Art in everyday life.
11. Chikir – Colour which they candS for you.
12. Ball – The Art of Interior Design.

13. Anderson – Elements of Design.
14. Chambers – Colour and Design.
15. Dorothy – Introduction of Interior Design.
16. Bridges – How to make your home smart.
17. Grate K.Ranche – Mounting Handicrafts.
18. Peter Philips – Furniture of the world
19. Gloay – short dictionary of Furniture.
20. Mario Dal Fabbro-How to make built in furniture
21. Jack Lenar Harsen- Jeanke Weeks – Virginia – I – Fabric for interior – A guide to designers and consumers.
22. Goldstein , " Art in Everyday life " ,Oxford & IBH publishing house.
23. Vargnese, Damodharan ,Home Management , Wiley Eastern Ltd.
24. Ray & Sara Faulkness, P Inside Today Home ", Library of congress cataloguing and Publication Desk.
25. Art then and Now. Kathryan Dean Lee. New York , Appleton Century Crafts Inc.
26. World Architecture. Trewan Copplestone, Hamylyn Publishing.
27. The complete home decorator – Caroline Clifton etc. Portland House , New York.
28. Levison," Architectural Rendering fundamentals Mc Graw Hill and company.

Interior Design Studio & Building Technology – I (Theory)

Course No.129

Max.Marks : 50

Periods / wk. : 3

Building system (Theory)

1. Acoustics:

Room acoustics, Noise control within a space, Auditorium acoustics.

2. Illumination:

Principles of Illumination, Types of lighting fixtures, lighting design in residence, office & stores.

3. Air conditioning:

Principles of A.C. system, types of A.C., application in building like apartments & guest house, libraries, museums & hospitals.

4. Electrical services :

Electrical system

Symbols used , 3 phase system , single phase, simple electrical layouts.

5. Building Bye-laws : (Local)

Reference :

1. S.C.Rangwala , Building Constructions Chaotra Published house.
2. Mitchell Bealey ' The lighting Book', Deyan Sudjic Mitchell Beazley International Ltd.1985.
3. William Sirens and Bell 'Air Conditioning & Refrgeration' John Wily & Sons.
4. John Han Cock Calendar, ' Time Saver Standards For Architectural Design Data MC Grawn I till Co Singapur.

Interior Design Studio & Building Technology – I (Practicals)

Course No.129

Max.Marks : 50

Periods / wk. : 4

Design of simple interiors:

Interiors of Kitchen, Bedrooms, Bathrooms, Restaurants, Shops, Hotel Lobby etc.

An initial case study of similar space anthropometric study

Books Recommended:

1. Francis, D.K.Ching ' Architecture, Form, Space & Order, Van Nostrand Reinhold Co. Canada 1973.
2. Dechiare & Calendar ' Time Savers Standards for Building hypes M.C.Graw Hill Co.

3. Franc's D.K.Ching ,'Interior Design Illustrated , Van Nostrand Reinhold Co. New York.
4. Maitard Graves , There art of Colour & Design , M.C.Grow Hill Co.1951.

Methods of Fabric Construction (Theory)

Course No.1210

Max.Marks : 50

Periods / wk. : 3

Unit : 1 Weaving :

- A) Types of and parts of looms: Handloom, Table Loom, Power jet loom.
- B) Basic Weaving operations:
- C) Types of Weaves: Plain, Basket, Twill, Satin, Honeycomb, Jacquard, Dobby, Pile.

Unit : 2. Non Woven Fabric :

- A) Process of felting
- B) Types of Felt : Wool felt , fur felt

C) Uses of Felt.

Unit : 3 Decorative fabric construction :
Braiding, Netting, Lace, Embroidery

Unit : 4 Knitting :

A) Methods of knitting : Warp method, weft method

B) Types of knitting : Machine & hand knitting
Common stitching used in hand knitting

Books Recommended:

1. Durga Deulkar , " Household textiles & Laundry work "
2. Norman Hollen , Jane Saddler , Anna L.Rangford, "Textiles".
3. Bernard P.Lorbman , " Textiles Fiber to Fabric "
4. K.Thomes , " No about Fabric and Their manufacturing "

Basics of Pattern Making (Theory)

Course No.1211

Max.Marks: 50

Periods / wk.: 3

1. Basic Bodice Block:

Steps in preparing basic bodice block

2. Sleeves:

A) Steps in preparing basic sleeves (Plain)

B) Types of Sleeves:

Puff sleeve, Bell sleeve, Leg –O-mouton, Bishops sleeve, circular sleeve.

3. Collars:

A steps involved in preparing following collars

1. Peterpan Collar,
2. Stand Collar,
- 3.Sailor Collar,
4. Turtle Neck,
5. Shirt Collar

4. Skirts:

Steps involved in preparing basic skirt, gathered skirt , umbrella skirt, box pleat skirt , yoke skirt

5. Methods of Pattern layout:

Flat pattern making, drafting, draping

6. Economical pattern layout:

Border design fabric, check fabric, striped fabric, pile fabric, Knitted Fabric.

Basic of Pattern Making (Practical)

Course No.1212

Max.Marks: 50

Periods / wk : 4

1. Preparation of samples using $\frac{1}{2}$ scales
2. Bodice Block
3. Sleeves: Plain, bell, puff, leg – O -mutton
4. Collars: Shirt, peterpan, stand, turtle neck.
5. Skirts: Umbrella, box pleat, yoke.

Books Recommended:

1. Durga Deulkar, "Household Textile and Laundry Work"
2. Ritu Jindal, "Handbook of fashion Designing"
3. Jenny Davis, "A complete guide to fashion designing"
4. Sushma Gupta, Neeru Garg, Renu Saini, "Text Book of Clothing and Textiles"
5. Zarakar, "System of Cutting", Navneet Publication, India.

Traditional Textiles of India (Theory)

Course No. 1212

Max. Marks: 50

Periods / w.k: 3

Unit – I : Introduction & History of Traditional Textiles of India

Unit – II : Traditional Textile of Different Region of India

1. Kalamkari
2. Bafta
3. Abhiravan

4. Kum-khwab
5. Patola
6. Himru Amrua
7. Pitabari
8. Bandhani
9. Dacca Muslin
10. Baluchar Buttedar
11. Kanjiwaram.
12. Irkali Sarees
13. Chanderi & Maheswari
14. Paithani
15. Pochampalli.

Books Recommended:

1. Durga Deulkar, " Household Textile and Laundry ".
2. Parul Bhatngar, " Traditional India costumes & Textile".
3. Kamaladevi Chatopadhyay, "Indian embroidery".
4. Rustom Mehta, Music & Master, " Rule of Indian Textile".
5. Prakash K.Match, "Trends & Traditions".