



SRI KANYAKA PARAMESWARI ARTS & SCIENCE COLLEGE FOR WOMEN

(Managed by SKPD & Charities)

**“Linguistic (Telugu) Minority Institution
Conferred by the Government of Tamil Nadu”**

Affiliated to University of Madras

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Department of Home science - Interior Design and Décor

UG – PROGRAMME OUTCOME

PO1: Apply emerging technologies with adequate training and opportunities with effective communication skills.

PO2: Apply ethical principles by adhering building byelaws.

PO3: Recognize the elements and art principles of design and their applications.

PO4: Acquire the concept of balanced diet to enhance physical health.

PO5: Demonstrate social responsibility by designing sustainable interior environments that support indoor environmental quality and improve the quality of life for occupants.

PO5: Evaluate the effectiveness of a textile finishing and soft furnishings in housekeeping.

PO6: Apply principles of colour, lighting, acoustics, thermal comfort and indoor air quality as required to enhance the health, safety, welfare and performance of building occupants.

PO7: Help students to explore practical application of the management concept & ergonomical design.

PO8: Consider the role of art making in the larger social context.

PO9: Develop an understanding about various aspects of Enterprenuership , its usage and applicability of market survey and its techniques.

PO10: Executing 2D & 3D floor plans using AutoCAD software.

UG – PROGRAMME SPECIFIC OUTCOME

PSO1: Understands colour concept, lighting methods and arts which enable them to decorate the interiors based on aesthetic performance.

PSO2: Acquire knowledge on selecting appropriate building materials, equipments and finishes with regard to safety and eco friendly construction.

PSO3: Examine furniture design and ergonomic principles to create comfortable working environment.

PSO4: Apply elements and art principles of design in interiors and provide solution to create new ideas and innovation.

PSO5: Design and execute various floor plans through the tools for 2D and 3D drawing and drafting using Auto CAD software.

PSO6: Evaluate dietary modification for lifestyle disorders

PSO7: Demonstrate an understanding of various fabric finishes and soft furnishing.

PSO8: Create an impact of advertisement and marketing in modern society.

PSO9: Understand to simplify work with efficient management process.

PSO10: Create different styles in sculpture and painting in western styles.

S.No	Course content	Name of subject	Theory hrs	Pract hrs	Exam hrs	CIA	External	Total	Credits
1	PART I	Language Paper – I	6		3	25	75	100	3
2	PART II	Communicative English	6		3	25	75	100	3
3	PART III – CORE 1	Principles of Interior Design	3	2	3	25	75	100	4
4	CORE 2	Lighting and accessories	5		3	25	75	100	4
5	ALLIED 1	Life Space Planning	4	2	3	25	75	100	5
	PART IV- 1.(a) Not studied Tamil upto XII std., - shall take tamil comprising of two courses (level VI std.,) (b) Studied Tamil upto XII std. – taken Non-Tamil under Part – I shall take advance Tamil comprising of two courses. 9c) Others who do not comes under a & b can choose non-major elective comprising of two courses.		2						2
	Skill Based Subject – Soft Skill								3
Total				30					24

SYLLABUS

SUBJECT: PRINCIPLES OF INTERIOR DESIGN

Core I	I Year & First Semester	Credit: 4	SUB CODE: BHI-DSC01
Objective of the course	<p>To enable the students to</p> <ol style="list-style-type: none"> 1. Understand the elements and principles of design. 2. Learn the concepts of colour and preparing a colour wheel. 3. Learn the application of art principles, elements of design and color schemes in creating aesthetic interiors. 		
Course outline	<p>Unit 1: Introduction to art and design -Importance of design, Application of good taste and Role of good designer. Types of design- Structural and Decorative design, Classification of decorative design- Naturalistic, Stylized, Abstract and Geometrical Design.</p>		
	<p>Unit-2: Application of Elements of design and decoration – Line and its types – horizontal, vertical, diagonal, curved, zigzag; Shape; Form – 2D&3D, Size, Texture- tactile and visual; light, pattern, Space- positive & negative and Colour-warm and cool. Application of elements to form design.</p>		
	<p>Unit 3: Principles of Design – Harmony – harmony of line, shape, size, texture and ideas; Balance – symmetrical, asymmetrical and radial; Proportion – proportional relationships, greek oblong, optical illusion and scale; Emphasis – emphasis through grouping of objects, use of contrast color, decoration, plain background space, unusual lines, shapes and sizes; Rhythm – achieving rhythm through repetition of shapes, progression of size, continuous line movement, radiation and gradation.</p>		
	<p>Unit-4: Colour: Definition, Qualities of colour, Hue, Value, Intensity. Tints and Shades. The colour wheel/systems - Prang colour system, Physicist's Theory, Psychologist's Theory, Harmonies of related colors- Monochromatic, Analogous and Accented Neutral; Harmonies of contrasting colours – Direct, double, split and triad.</p>		
	<p>Unit-5: Decorative Styles – Concept and Characteristic features of Contemporary, Modern, Traditional, Transitional and Eclectic styles. Wall decoration–Origin, Motifs, Styles and Technique of Madhubhani,,Warli, Pithora, Fresco and Tempera.</p>		

PRACTICALS:

1. Applying elements and principles of design in arranging various areas of an interior.
2. Prang colour charts, Value and Intensity scale.
3. Painting different rooms with various colour harmonies.
4. Designing wall by Warli art.

REFERENCES:

1. Chaudhari, S.N. 2006, Interior Design. Aavishkar Publishers, Jaipur.
2. Premavathy Seetharaman and Parveen Pannu, (2009). Interior Design and Decoration. CBS Publishers and Distributors Pvt Ltd. New Delhi.
3. Goldstein, (1976). Art in Every Day Life. Oxford and IBH Publishing House.
4. Kasu, A.A. 2005, Interior Design, Ashish Book centre Delhi.
5. Andal. A and Parimalam. P, (2008). A Text Book of Interior Decoration. Satish Serial Publishing House.

WEB LINK:

- https://www.google.co.in/?gfe_rd=cr&ei=oJE8VvucFMOl8wfe0ZnICw#tbm=vid&q=principles+of+design+in+interior+design
- <http://www.docstoc.com/docs/108663367/The-Munsell-and-Prang-Color-Systems>
- <https://www.decorilla.com/online-decorating/transitional-interior-design/>
- <https://www.apartmenttherapy.com/modern-vs-contemporary-vs-minimalist-design-261783>

COURSE OUTCOME:

CO1: Classify design types like structural and decorative design.

CO2: Examine the different elements of design in creating design objects.

CO3: Apply the Art principles in Interior Design.

CO4: Apply color harmonies in various rooms.

CO5: Apply the decorative styles and wall decoration techniques in various rooms.

SUBJECT: LIGHTING AND ACCESSORIES

Core II	I Year & First Semester	Credit: 4	SUB CODE: BHI-DSC02
Objective of the course	<p>To enable the students to</p> <ol style="list-style-type: none"> 1. Gain an understanding of the importance and functional value of lighting and accessories in interiors. 2. Apply, create and study the functional and decorative values of lighting & accessories in interiors. 3. To expose the students to folk arts and crafts of India. 		
Course outline	<p>Unit 1: Lighting - Definition – Objectives – Functions and Importance of lighting. Types of lighting - Natural and Artificial lighting. Methods of lighting - direct, semi-direct, In-direct, semi- indirect and diffused lighting.</p>		
	<p>Unit-2: Lighting accessories – Selection of lamps and lamp shades. Lighting fixtures – Structural lighting, Free-standing or portable - Table lamp, Floor lamp, standard lamp fixtures and office task light luminaries.</p>		
	<p>Unit 3: Accessories - Definition and importance in interiors, Classification – functional, decorative and both accessories. Factors influencing the selection of accessories, Placement, location and background for accessories.</p>		
	<p>Unit-4: Kinds of accessories - Decorative - mural, photographs, pictures, artifacts, drawings, antiques and Functional - books, Mirror, Clock, accent furniture, indoor plants and flower arrangement as miscellaneous accessories.</p>		
	<p>Unit-5: Art and Crafts – definition, kinds of art and crafts-pot painting, idols, sculptures, glass painting, wall art, wall hanging, pillows, cushions, pebble art, wood art, shell art, origami, models, lamps and vases, baskets, doll making, bamboo crafts, folk arts and crafts of India, application of arts and crafts in interiors.</p>		

REFERENCES:

1. Anna Hong Rutt (Second edition, 1991). Home Furnishing. John Wiley and Sons, Inc.
2. Book Club Associates, (1990). Good House Keeping's Home Encyclopedia.
3. Creative Home Owner, (First Edition 2006). Design Ideas of Home Decorating. New Jersey.
4. Eaglemoss Publications Ltd, (1996). Creating your Home, Creative Flowers & Plants for Your Home.
5. Pratap Rao (2012), Interior design principles and practices, Standard Publications, Delhi.
6. Premavathy Seetharaman and Parveen pannu, (2009). Interior Design and Decoration. CBS publishers.
7. The Practical Encyclopedia of Good Decorating and Home Improvement, Vol I.
8. Andal. A and Parimalam. P, (2008). A Text Book of Interior Decoration. Satish Serial Publishing House

WEBLINK:

- <http://www2.ca.uky.edu/HES/fcs/FACTSHTS/HF-LRA.095.PDF>
- <http://www.interiordezine.com/wp-content/uploads/2013/09/Part-5-Syles-Periods-and-Design-History.pdf>
- <http://www.home-designing.com/category/accessories>
- <https://wbdg.org/ccb/AF/AFDG/interior.pdf>
- <http://download.nos.org/sec225new/Lesson-4.pdf>
- http://www.archive.india.gov.in/knowindia/culture_heritage.php?id=99

Course Outcome:

C01: Compare the types of accessories and choose the appropriate lighting in interiors.

C02: Distinguish the types of lighting accessories.

C03: Define and classify accessories. Analyze the importance, selection and arrangement of accessories in relation to background.

C04: Criticize various Kinds of art forms used as accessories.

C05: Appraise the folk art styles in interiors.

SUBJECT: LIFE SPACE PLANNING

Allied I	I Year & First Semester	Credit: 5	SUB CODE: BHI-DSA01
Objective of the course	To enable the students to <ol style="list-style-type: none"> 1. Understand various technical aspects of building structures. 2. Acquire knowledge in planning a life space. 		
Course outline	Unit 1: Housing – Selection of site and functions of house. Basic principles of planning a life space - Orientation, Grouping, Roominess, Lighting, Circulation, Storage Facilities and Privacy.		
	Unit-2: Types of house plans – Site plan, Floor plan, Elevation, Cross section and Perspective view. Organizing space plan - One Room Apartment, Twin Houses, Row houses and Multistorey flats.		
	Unit 3: Creating a life space- Factors in planning different rooms – Living Room, Bed Room, Dressing Room, Dining, Kitchen, Study Room, Store room, Bathroom, Utility space, Staircase and Verandah.		
	Unit-4: Types of Doors – Hinged, Sliding, Swing, Revolving, Panelled and Louvered; Windows – Casement, Pivoted, Sliding, Bay window and Clerestory; Arches – Segmental, Semi circular, Pointed, Horse shoe and Florentine; Roofs – Flat roofs – Madras Terrace and RCC Roof and Pitched roofs – Lean to, Couple roof, King post and Queen post.		
	Unit-5: Rain water harvesting – meaning, purpose, Benefits of using rainwater, components of rain water harvesting system, methods - surface runoff and roof top rain water harvesting.		

REFERENCES

1. Dr. B.C. Punmia, Ashok Kumar Jain and Arun Kumar Jain, (Tenth edition). Building Construction. Laxmi Publications (P) Ltd.
2. Faulkner. R, and Faulkner. S. (1987), Inside Today's Home, Rinehart publishing company, Newyork.
3. P.C. Varghese, (May 2013). Building Construction, PHI Learning Private Limited.
4. Riggs,R. (1992), Materials and components of Interior Design, prentice Hall of India Pvt.Ltd, New Delhi.
5. S.S. Bhavikatti, (2012). Building Construction, Vikas Publishing Home Pvt Ltd.

WEB LINKS

- www.mppcb.nic.in/rwh.htm
- <http://ocw.mit.edu/courses/architecture/4-461-building-technology-i-materials-and-construction-fall-2004/lecture-notes/>
- <http://www.mist.ac.in/pdfs/principles-of-planning.pdf>
- <http://www.aboutcivil.org/site-selection-for-residential-buildings.html>
- http://www.housingeducators.org/Journals/H&S_Vol_24_No_3_Space_Planning_in_Residential_Design.pdf

Course Outcome:

C01: Understand the principles in planning a lifespan.

C02: Examine the factors to be considered in planning different rooms

C03: Develop technical terms and construction techniques in buildings.

C04: Discuss the types of life spaces and their application

C05: Design rain water harvesting system in residential buildings.

SEMESTER II

S.No	Course content	Name of subject	Theory hrs	Pract hrs	Exam hrs	CIA	External	Total	Credits
1	PART I	Language Paper – II	6		3	25	75	100	3
2	PART II	English Paper - II	6		3	25	75	100	3
3	PART III – CORE 3	Art and Design on Textiles	3	2	3	25	75	100	4
4	CORE 4	Front Office and Personnel Management	5		3	25	75	100	4
5	ALLIED 2	Building Services	4	2	3	25	75	100	5
	<p>PART IV- 1.(a) Not studied Tamil upto xii std., - shall take tamil comprising of two courses (level VI std.,) (b) Studied Tamil upto xii std. – taken Non-Tamil under Part – I shall take advance Tamil comprising of two courses. 9c) Others who do not comes under a & b can choose non-major elective comprising of two courses.</p>		2						2
	Skill Based Subject – Soft Skill								3
Total				30					24

SUBJECT: ART AND DESIGN ON TEXTILES

Core III	I Year & Second Semester	Credit: 4	SUB CODE: BHI-DSC03
Objective of the course	<p>To enable students to</p> <ol style="list-style-type: none"> 1. Understand manufacturing process of textiles and its finishes 2. Create the folk embroideries of India and textile design through digital media. 3. Analyse the dyes and pigments used in textiles 		
Course outline	<p>Unit 1: Introduction and Selection of fabric for surface enrichment. Preparation and method of fabric painting. Yarn - Definition, yarn count, Classification of yarns based on direction of twist and count – Simple and Novelty yarns.</p> <p>Unit-2: Fabric construction - Weaving – Parts of a loom-warp beam, harness, heddle, reed, shuttle and cloth roll, Basic weaving operation. Basic weaves – Plain, Twill and Satin. Fabric finishes - Purpose and Use of finishes- Bleaching, Calendaring, Mercerizing and Sanforizing.</p> <p>Unit 3: Embroidery - Basic decorative stitches, Applique, Cut work, Bead work, Sequins, Mirror work. Folk embroidery – Phulkari, Kasuti, Kantha, Quilting.</p> <p>Unit-4: Dyes - Classification of dyes, Methods of printing - Direct, Discharge and Resist style. Types of printing – Block Printing, Stencil Printing, Batik and Tie and dye.</p> <p>Unit-5 : Application of furnishing materials in relation to walls, Bed – sheeting, pillow, quilting and blankets, Table textiles – Table cloth and Table mats, seating – upholstery and tapestry, study of space constraints through creating optical illusion with various designs. Application of CAD in textile designing.</p>		

PRACTICALS:

1. Fabric painting.
2. Decorative and Folk embroidery
3. Sketching on space constraints through creating optical Illusion.
4. Block printing and Stencil printing.

REFERENCES:

1. ShailajaD.Naik, (1997). Folk embroidery and handloom weaving,A.P.H.Publishing
2. JasleenDhamija, (1992). The Indian folk, Arts and crafts, National Book Trust India, New Delhi.
3. Bernard. P. Corbman, (1983). Textiles - Fibre to Fabric,McGraw-Hill. Corporation, Newyork.

WEB LINKS:

- <https://www.craftsvilla.com/blog/famous-indian-embroidery-styles/>
- <https://www.iloencyclopaedia.org/component/k2/item/880-cotton-yarnmanufacturing>
- <https://www.slideshare.net/hemaupadhayay/traditional-embroideries-of-india-76836145>
- <http://www.india-crafts.com/articles/block-printing-in-india.html>
- <https://study.com/academy/lesson/how-is-cad-cam-used-in-textiles.html>

COURSE OUTCOME:

- CO1: Explain the concept of fabric painting method and yarnclassification.
- CO2: Examine the Basic weaving operation and textilefinishes.
- CO3: Apply decorative embroidery stitches in designingfabrics.
- CO4: Evaluate the dyes, pigments and select the appropriatemethod.
- CO5: Create a textile design using CADsoftware.

SUBJECT: FRONT OFFICE AND PERSONNEL MANAGEMENT

Core IV	I Year & Second Semester	Credit: 4	SUB CODE: BHI-DSC04
Objective of the course	To enable students to <ol style="list-style-type: none"> 1. Understand the layout and functions of front office department. 2. Know the organization structure of front office and their roles. 3. Improve the qualities and skills in guest's relation service. 		
Course outline	<p>Unit 1: Introduction to front office - Layout of front office, Organization structure of front office in small and large hotel, Front office equipments</p> <p>Unit-2: Areas of Front office – Reservation, Reception, Telecommunication, Guest relation Desk, Front office Cashier, Front office co-ordination with other departments – Lobby, Housekeeping, Interior Decoration, Engineering, Food and Beverage.</p> <p>Unit 3: Ideal Qualities of front office staff, Ongoing responsibilities of front office department- Manager, Assistant manager, Supervisor, attendants and front office cashier, Communication with front office, Inter departmental communication, Guest services.</p> <p>Unit-4: Essentials of Front office personnel – Guest service – Understanding guest service, components of good service – positive and negative attitudes, customer needs and wants – physiological, security, belonging, self-actualization, status and self-esteem.</p> <p>Unit-5 :Personnel management - definitions, system, personal record-HRIS, Benefits of HRIS, Improving HR productivity, HR budget. Uniformed services – duties performed in Lobby desk, Concierge, Bell desk, Transport services, Doorman, Valet parking attendant.</p>		

REFERENCES:

1. Austin, M. a et al (2008), Professional Front Office management, New Delhi: Dorling KindersleyPublication
2. Ismail, A (2005) Front Office – Operations and Management, Singapore: Thomson DelmarPublications
3. Khan, M. A (2005), Front Office, New Delhi: Anmol Publications
4. Negi, J. et. al (2011), Reception and Front Office Management, New Delhi; Kanishka Publications
5. Subban, T.R (2008), Front Office Management, New Delhi: Cyber TechPublications.

WEB LINKS:

- http://uru.ac.in/uruonlinelibrary/Hospitality_Management/Hotel%20Front%20Office%20Management%203rd%20Edition%20-%20John%20Wiley%20and%20S.pdf
- [https://www.ihmbbs.org/upload/5\)%20Front%20Office%20organisation.pdf](https://www.ihmbbs.org/upload/5)%20Front%20Office%20organisation.pdf)
- [http://cbseacademic.nic.in/web_material/Curriculum/Vocational/2018/FRONT%20OFFICE%20OPERATIONS%20XII%20\(753-754\)/FRONT%20OFFICE%20OPERATIONS%20\(753\).pdf](http://cbseacademic.nic.in/web_material/Curriculum/Vocational/2018/FRONT%20OFFICE%20OPERATIONS%20XII%20(753-754)/FRONT%20OFFICE%20OPERATIONS%20(753).pdf)
- <http://elearning.nokomis.in/uploaddocuments/Front%20office%20operations/chp%201%20Introduction%20to%20Front%20Office/PPT/Chapter%201%20-%20%20Introduction%20to%20Front%20Office.pdf>

Course Outcome:

- C01: Understand the Concept, Scope, importance of front officedepartment.
- C02: Understand and apply the services provided in various areas of front office in ahotel.
- C03: Develop the Qualities, duties and responsibility of front officepersonnel.
- C04: Analyze the duties of front officepersonnel.
- C05: Examine the essential features of front officepersonnel.

SUBJECT: BUILDING SERVICES

Allied II	I Year & Second Semester	Credit: 5	SUB CODE: BHI-DSA02
Objective of the course	<p>To enable the students to</p> <ol style="list-style-type: none"> 1. Gain an understanding on various services required for the proper functioning of the buildings. 2. Learn the standards to be followed in designing buildings. 		
Course outline	<p>Unit 1:Plumbing services – Need, Purpose and general guidelines in designing plumbing system. Types of pipes – Waste water pipe, Soil pipe and vent pipe. Traps – requirements and types. Sanitary apparatus – Wash basin, Sink, Bath tub, Urinal, Water closet and Flushing cistern. Methods of plumbing system – one pipe system and two pipe system</p> <p>Unit-2: Electrical services – Single phase and three phase supply.Wiring systems – Cleat wiring, batten, concealed wiring, Casing wiring and Conduit wiring. Electrical switches and sockets. Need and purpose of Earthing system. Causes and prevention of Electrical fires.</p> <p>Unit 3: Ventilation system – Definition, need and purpose. Types - Natural ventilation – general rules followed in natural ventilation, Mechanical ventilation – Air Conditioning system – Components, working principle and types. Function of HVAC and AHU.</p> <p>Unit-4: Fire Safety - Definition and causes of fire. Classification of fire.Safety devices - Smoke detectors, Alarm system, Sprinkler system, Portable fire extinguisher, Fire hydrants and Wet riser.Fire resisting materials for buildings.</p> <p>Unit-5:Mechanical services – Lifts and Escalators – Parts, working principle and types. Building Bye laws - Definition, Purpose, and Technical terms – Carpet area, Built up area, set back, FSI. Requirements for Entry/Exit, Staircase, Open space, Building height and different rooms of abuilding.</p>		

REFERENCES:

1. A.S.Panchdhan, (Second Edition 2000). Water Supply and Sanitary Installations. New Age International (P)Ltd.
2. Dr. B.C. Punmia, Ashok Kumar Jain & Arun Kumar Jain, (Tenth edition). Building Construction. Laxmi Publications (P)Ltd.
3. Interiors Construction Manual, Integrated, planning finishing and fitting out, technical services.
4. P.C. Varghese, (May 2013). Building Construction, PHI Learning Private Limited.
5. Rangwala, (Thirty Eighth Edition, 2011). Engineering Materials (Material Science), Charotar Publishing House Pvt Ltd, Anand.
6. S.C.Rangwala, (Eighteenth Edition, 2003). Water Supply and Sanitary Engineering (Environmental Engineering), Charotar Publishing House, Anand.
7. S.S. Bhavikatti, (2012). Building Construction, Vikas Publishing Home Pvt Ltd.

WEB LINK:

- <https://www.wbdg.org/design-objectives/secure-safe/fire-protection>
- <http://www.level.org.nz/water/wastewater/drainage-systems/>
- http://www.ecs.umass.edu/ece/hollot/ECE497DS06/ESD_1.pdf
- <http://mohua.gov.in/upload/uploadfiles/files/Chap-4.pdf>
- <https://www.cedengineering.com/userfiles/Building%20Elevators.pdf>
- <http://tzb.fsv.cvut.cz/files/vyuka/125bes1/prednasky/125bes1-02.pdf>

Course Outcome:

C01: Understand the general principles in providing plumbing system for building.

C02: Examine the requirements for electrical supply and distribution system.

C03: Discuss the role of ventilation and its types.

C04: Explain the concept of Fire safety in designing the buildings

C05: Summarize the building bye laws and standards

SEMESTER III

S.No	Course content	Name of subject	Theory hrs	Pract hrs	Exam hrs	CIA	External	Total	Credits
1	PART I	Language Paper – III	6		3	25	75	100	3
2	PART II	English Paper – III	6		3	25	75	100	3
3	PART III – CORE 5	Floriculture And Landscape Design	3	2	3	25	75	100	4
4	CORE 6	Surface Finishes	5		3	25	75	100	4
5	ALLIED 3	Basics of Autocad	4	2	3	25	75	100	5
6	PART – IV SOFT SKILL – III								3
	ENVIRON MENTAL STUDIES		2				Examination will be held in IV Semester		
Total			30					22	

SUBJECT: FLORICULTURE AND LANDSCAPE DESIGN

Core V	II Year &Third Semester	Credit: 4	SUB CODE: TAK3A
Objective of the course	<ol style="list-style-type: none"> 1. To understand the importance of plants in landscape gardening. 2. To gain knowledge on propagation methods 3. To enable the students to learn the principles of landscape gardening 4. Have practical knowledge in making home gardens and indoor plants. 		
Course outline	Unit 1: Floriculture - Meaning concept and importance, ornamental plants – classifications – annuals and perennials. Shrubs and Trees – flowering and foliage shrubs, and trees, climbers and creepers.		
	Unit-2: Flower arrangement – definition, functions, selection of containers, equipments used, styles of arrangement – traditional, modern and Japanese arrangement. Applying art principles in arranging flowers.		
	Unit 3: Indoor plants – meaning, classification of indoor plants, care and use of indoor plants. Design concepts related to use of lightings, garden furniture and garden dividers. Factors affecting growth of indoor plants- lighting, watering, temperature, humidity and manure. Selection of plants for various rooms.		
	Unit-4: Landscaping – Meaning and importance, natural and artificial components of landscape. Types of garden, garden components, garden design – formal and informal, principles of landscape gardening.		
	Unit-5: Modern trends in gardening – Terrace garden, Rock garden, Bonsai culture, developing ornamental plants in Home garden for flats – roof garden, hanging garden.		

PRACTICALS:

1. Making different styles of flower arrangement
2. Drawing different landscape plans.
3. Visit to nursery gardens.
4. Compiling pictures of indoor plants.

REFERENCES:

1. Ross, R. (1999), colorful gardening – climbers, Ryland Peters and Small, London.
2. Ross, R. (1999), colorful gardening – Bulbs, Ryland Peters and Small, London.
3. R.A. Preece, (1992), Designs on the Landscape, CBS Publishers & Distributors, New Delhi.
4. Too Good, A. (1995), Designing with House Plants, Grange Books Publication, London.
5. Emma Callery, (1991) The Complete Book of Gardening, Quinet Publishing Limited, London

WEB LINK:

1. <http://www.theflowerexpert.com/content/flowerart/flower-arrangements>
2. <http://www.sustainablebabysteps.com/types-of-houseplants.html>
3. <http://www.goodhousekeeping.com/home/gardening/advice/g1285/hard-to-kill-plants/>
4. http://www.umass.edu/landeco/teaching/landscape_ecology/schedule/chapter3_landscape.pdf
5. <http://www.snh.gov.uk/about-scotlands-nature/scotlands-landscapes/importance-of-landscapes/>

COURSE OUTCOME:

C01: Describe the Concept of Floriculture and ornamental plants.

C02: Experiment various flower arrangement styles and art principles in arranging flowers.

C03: Interpret the Importance of indoor plants in relation to use of lightings, care and use in the interiors.

C04: Create Landscape design with natural and artificial components of landscape.

C05: Apply the Modern trends in gardening and developing ornamental plants in home garden.

SUBJECT: SURFACE FINISHES

Core VI	II Year & Third Semester	Credit: 4	SUB CODE: TAK3B
Objective of the course	<p>1. To enable the students to understand the special care needed for floors, wall, and ceilings</p> <p>2. To gain knowledge on different materials available in the market to increase the strength of a building</p>		
Course outline	Unit 1: Fundamentals for interior and exterior treatments. Termite proofing, water proofing, acoustics, thermal comfort, fire protection. Plastering and painting. Factors influencing choice of treatments – climate, cost, style of house and location.		
	Unit-2: Wall finishes – Meaning, Structural wall finishes - Tiles, Wood, Terracotta, Marble wash, Metals and stone finishes. Applied wall finishes – Glass, Paint, Wall papers, Murals, Fabric, Metal sheet and Mirror.		
	Unit 3: Ceiling Finishes – Definition, types, Treatment – plastering, embossing, fresco, glass, false ceilings and other innovative materials.		
	Unit-4: Floor finishes – Definition, Hard floors- Terrazzo, wood, mosaic, tiles, marble and granite. Semi hard Floors – Vinyl, linoleum, Rubber and cork. Soft floors – Carpets and Rugs.		
	Unit-5 :Selection, laying, cost estimation, care and maintenance of wall, Roof/Ceiling and Floor Finishes. Application of various finishes in interior and exterior.		

REFERENCES:

1. Ostrow.J. (2001), Painting rooms, Rockport publishers, USA.
2. Clifton.c.etal, (1995), The Complete Home Decorator, Conran octopus Ltd, London.
3. Spancer, H. and Churchill, (1990), Classic English Interiors, Anaya Publishers Ltd, London.
4. Innes,J. (1990), Exterior Detail, Collins and Brown Ltd, London.
5. Love.G. (2000), Insideout, Conran octopus Ltd, London.

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3. <http://www.architecture-student.com/architecture/different-types-of-wall-finishes-architectural-design/>
4. <https://drc.ohiolink.edu/bitstream/handle/2374.OX/181286/Wall%20Finishes.pdf?sequence=31>
5. <http://www.woodfloorsonline.com/products/finishes.html>

COURSE OUTCOME:

- C01: Apply the Fundamentals of interior and exterior treatments based on climate, cost, style and location.
- C02: Compare the types of structural and applied wall finishes.
- C03: Analyze the different treatments of ceiling finish with innovative materials
- C04: Classify the types of Hard, semi-hard and soft floor finishes.
- C05: Apply the various finishes based on laying, cost estimation, care and maintenance.

SUBJECT: BASICS OF AUTOCAD

Allied III	II Year & Third Semester	Credit: 5	SUB CODE: TBK3A
Objective of the course	<p>To enable the students to</p> <ol style="list-style-type: none"> 1. Learn the basic skills of drafting 2D floor plans in CAD. 2. To construct drawings and design the interiors of building with the help of the computer. 		
Course outline	<p>Unit 1: Overview of AutoCAD – Purpose, Need, Uses and Applications, General commands – New, Open, Save, Save as, Close and Exit a drawing in AutoCAD, AutoCAD screen components – Title bar, Menu bar, Standard tool bar, Object Properties tool bar, Draw toolbar, Modify tool bar, UCS, Layout tab, Command Window and Status bar.</p>		
	<p>Unit-2: Point fixing methods – Direct method, Absolute Coordinate system, Relative Coordinate system and Polar Coordinate system, Setting up the drawing environment - setting Units, Limits and Paper size, Control Zoom and Pan commands.</p>		
	<p>Unit 3: Working with Drawing Aids – Grid, Snap, Ortho, Osnap, Polar Tracking, Object Snap Tracking, Dynamic Input and Object properties – Colour, Line Type and Line Weight, Use of function keys and shortcut keys.</p>		
	<p>Unit-4: Draw tools – Line, Pline, Rectangle, Arc, Circle, Polygon, Ellipse and Spline, Text – Style, Mtext, Text edit and Layer concept.</p>		
	<p>Unit-5 : Modify tools – Erase, Copy, Move, Scale, Rotate, Mirror, Offset, Chamfer, Fillet, Trim, Extent, Stretch, Array, and Break, Object selection methods.</p>		

PRACTICALS:

1. Creating Line, Circle, Arc, Ellipse, Rectangle, and Polygon using different methods.
2. Creating a simple 2D plan using modify tools such as Erase, Copy, Move, Scale, Rotate, Trim, Extend, Array, Offset, Mirror, Break and Stretch

3. Creating text using text style, text edit, line type & line weight
4. Creating a simple 2D plan using layer.

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2. Sham Tickoo, D.Saravanan, (2010). AutoCAD 2010. Cad Soft Technologies, Dreamtech Press, New Delhi.
3. David Frey, (2000). AutoCAD 2000.
4. Gokulachari, (Second Edition, 2008). CAD in Civil Engineering Drawing Practice I.
5. K.Venugopal, (Third Edition, 1998). Engineering Drawing with AutoCAD. New Age International (P) Limited.
6. Ilangoan, (Sep 1999). Engineering Drawing with AutoCAD.

WEB LINKS:

1. www.cad-notes.com/autocad-articles/
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3. www.cadforum.cz/cadforum_en/default.asp
4. www.archblocks.com
5. <http://www.mycadsite.com/tutorials/>

COURSE OUTCOME:

- C01: Summarize the benefits, configuration and working requirements of AutoCAD software.
- C02: Examine the point fixing methods in AutoCAD
- C03: Analyze various tools available for drawing and modifying.
- C04: Apply the tools in a drawing.
- C05: Design basic plans for different rooms using software.

SEMESTER IV

S.No	Course Content	Name Of Subject	Theory Hrs	Pract	Exam Hrs	CIA	External	Total	Credits
1	PART I	Language Paper – IV	6		3	25	75	100	3
2	PART II	English Paper – IV	6		3	25	75	100	3
3	PART III – CORE 7	Art and Design on Textiles	3	2	3	25	75	100	4
4	CORE 8	Kitchen Design	5		3	25	75	100	4
5	ALLIED 4	Computer Aided Design	4	2	3	25	75	100	5
	PART – IV SOFT SKILL – III				3	40	60	100	3
	ENVIRON MENTAL STUDIES		2	-	3	25	75	100	2
Total			30						24

SUBJECT: ART AND DESIGN ON TEXTILES

Core VII	II Year & Fourth Semester	Credit: 4	SUB CODE: TAK4A
Objective of the course	<p>To enable students</p> <ol style="list-style-type: none"> 1. To understand art and apply its principles in the creation and selection of textiles. 2. Develop design in textiles and apply the same on materials. 3. To enable the students to understand the types of printing methods and embroidery. 		
Course outline	Unit 1: Introduction and Selection of fabric for surface enrichment. Preparation and method of fabric painting.		
	Unit-2: Application of Art Principles and Elements of Design in the fabric.		
	Unit 3: Embroidery - Basic decorative stitches, Applique, Cut work, Drawn thread work, Bead work, Sequins, Mirror work. Various Embroidery of India – Folk embroidery – Phulkarki, Kasuti, Kantha, Quilting, Zardosi and Aaree work.		
	Unit-4: Methods of printing - Direct, Discharge and Resist style. Types of printing - Block Printing, Stencil Printing, Batik and Tie and dye.		
	Unit-5 : Study of space constraints through creating Optical Illusion with various furnishing materials. .Application of CAD in textile designing.		

PRACTICALS:

1. Applying art principles and design elements in fabrics
2. Fabric painting.
3. Decorative and Folk embroidery
4. Sketching on space constraints through creating optical Illusion.
5. Block printing and Stencil printing.

REFERENCES:

1. ShailajaD.Naik, (1997). Folk embroidery and handloom weaving, A.P.H.Publishing corporation, Newyork.
2. JasleenDhamija, (1992). The Indian folk , Arts and crafts, National Book Trust India , New Delhi.
3. Mary Mathews, (1991). Practical clothing Construction – Part 1 & 2, Bhattarams reprographics, Pvt.Ltd., Chennai.

WEB LINKS:

1. <http://download.nos.org/srsec321newE/321-E-Lesson-26.pdf>
2. <http://www.soundseal.com/soundquality/Fabric-Selection-Guideline92014.pdf>
3. <http://www.sewing-machine-success.com/buying-fabric.html>
4. <http://dons.cathedralcatholic.org/faculty-resources/306/171/elements-of-art-and-principles-of-design.pdf>
5. <http://www.kirikipress.com/stitchlibrary.pdf>
6. <http://images.library.wisc.edu/HumanEcol/EFacs/MillineryBooks/MBBaldtClothing/reference/humanecol.mbbaldtcllothing.i0033.pdf>
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9. http://www.adi.pt/docs/innoregio_cad-en.pdf
10. <http://www.ijitee.org/attachments/File/v3i3/C1082083313.pdf>

COURSE OUTCOME:

- C01: Explain the concept of fabric painting method.
- C02: Apply design elements and art principles in designing fabrics.
- C03: Categorize the decorative embroidery stitches and folk embroidery from different regions of India.
- C04: Evaluate the printing methods and select the appropriate method.
- C05: Create a textile design using CAD software.

SUBJECT: KITCHEN DESIGN

Core VIII	II Year & Fourth Semester	Credit: 4	SUB CODE: TAK4B
Objective of the course	<ol style="list-style-type: none"> 1. On successful completion of the course the student should have gained knowledge of different materials used for various surfaces in kitchen. 2. Developed skill in planning different layouts. 		
Course outline	Unit 1: Kitchen planning – Functions performed in a kitchen, types of kitchen, principles of planning kitchen – orientation and location, ventilation, storage needs, work triangle, color, light and safety.		
	Unit-2: Kitchen geometry – work heights and space dimension of different work areas and storage areas, anthropometric measurements of an individual worker, work triangle and its application to kitchen layout designing.		
	Unit 3: Materials and finishes – Various materials and finishes used in kitchen – floor, walls, sink, ceiling, platforms, storage and their characteristics.		
	Unit-4: Modular Kitchen: Characteristics, requirements, Materials used – Wood, Steel and Aluminium. Electricity services – electric current, exhaust fans, electrical equipment and their locations.		
	Unit-5 : Kitchen storage – principles of kitchen storage, storage areas in kitchen and its dimensions, hand operated tools and their location. Care and maintenance of storage.		

REFERENCES:

1. Riggs, R. (1992). Materials and components of Interior Design, Prentice – Hall of India Pvt Ltd., New Delhi.
2. Varghese. M.A. et al., (1994), Ergonomics in Kitchen design, Bombay.
3. Cromwell, L. Weibell, F.J. and Pfeirffer, E.A. (1991). Biomedical Instrumentation and Measurements, Prentice Hall, New Delhi.

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3. <http://bestinteriors4u.weebly.com/kitchen.html>
4. https://www.google.co.in/?gfe_rd=cr&ei=xpQ8VoC7MsS18wfb9bD4CA#q=types+of+materials+used+for+kitchen+cabinets

COURSE OUTCOME:

- C01: Summarize the functions performing in Kitchen and need of work triangle.
- C02: Draw and Apply the Principles of planning and standards in Kitchen design.
- C03: Examine the Material and finishes of kitchen well suited for performance.
- C04: Interpret the Current trends in modular kitchen.
- C05: Create a Design for storage spaces and their requirements for kitchen.

SUBJECT: COMPUTER AIDED DESIGN

Allied IV	II Year & Fourth Semester	Credit: 5	SUB CODE: TBK4A
Objective of the course	<p>To enable the students to</p> <ol style="list-style-type: none"> 1. Learn and implement the advance drafting techniques in drawing 2D plans in CAD. 2. To create 3D view of a building using 3D Commands. 3. To create 3D view of Interior spaces, material application and to produce rendered image of interior spaces. 		
Course outline	Unit 1: Dimensions – Linear, Align, Angular, Radius, Diameter, Baseline, Continue, Leader. Dimension edit, Dimension styles – Lines and Arrow tab, Fit tab, Primary Units, Alternate Units, Tolerances. To create and insert Blocks and Block edit. Inquiry tools – ID, DIST, AREA, LIST, Hatch & Gradient.		
	Unit-2: 2D to 3D Conversion, 3D Modelling – Toolbars – View, Visual Styles, Modelling, Solid Editing, UCS II and Orbit.		
	Unit 3: 3D Modelling – Types of Models – wireframe model, surface model and solid model, Surface Model – 3D Face, Rule surface, Tabulated surface, Revolve surface, Edge surface and Plane surface.		
	Unit-4: Solid Model -Creating 3D solids using standard primitives like Box, Wedge, Cylinder, Sphere, Cone, Torus, and Pyramid etc., Creating 3D solids, Boolean operations - Union, Extrude, Subtract, Loft, Revolve, Sweep.		
	Unit-5 : Lights – Point light, Spot light and Web light, Materials – Flooring, Wall finishes, Fabric and Metal.		

PRACTICALS:

1. Drawing a 2D floor plan with Dimensions
2. Creating a simple 2D plan implementing hatch & gradient
3. Drawing elevation, cross sectional view for the floor plan.
4. Creating 3D solids like Box, Cylinder, Sphere, Torus, Pyramid, Cone etc.
5. Creating 3D solids using Boolean operations such as extrude, subtract, revolve, loft, sweep.
6. Creating a 3D building with doors & window openings.
7. Creating simple furniture with material application using 3D commands.

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1. Sham Tickoo, Anurag, (2013). AutoCAD 2013. Cad Soft Technologies, Dreamtech Press, New Delhi.
2. Sham Tickoo, D.Saravanan, (2010). AutoCAD 2010. Cad Soft Technologies, Dreamtech Press, New Delhi.
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5. K.Venugopal, (Third Edition, 1998). Engineering Drawing with AutoCAD. New Age International (P) Limited.
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WEB LINKS:

1. www.cad-notes.com/autocad-articles/
2. <https://knowledge.autodesk.com>
3. www.cadforum.cz/cadforum_en/default.asp
4. www.archblocks.com
5. <http://www.mycadsite.com/tutorials/>

COURSE OUTCOME:

- C01: Examine the advanced tools used for 2D drafting of house plans.
- C02: Summarize the advantages of 3D models of objects over 2D drafting.
- C03: Classify various toolbars required for creating 3D models.
- C04: Apply the 3D tools in exterior and interior models.
- C05: Design building model and its interiors.

SUBJECT: ENVIRONMENTAL STUDIES

	II Year & Fourth Semester	Credit: 2	SUB CODE: ENV4B
Course outline	Unit 1: Introduction to environmental studies <ul style="list-style-type: none"> • Multidisciplinary nature of environmental studies; • Scope and importance; concept of sustainability and sustainable development. 		
	Unit-2: Ecosystem <ul style="list-style-type: none"> • What is an ecosystem? Structure and function of ecosystem; Energy flow in an ecosystem: Food chains, food webs and ecological succession, Case studies of the following ecosystem: <ol style="list-style-type: none"> Forest ecosystem Grassland ecosystem Desert ecosystem Aquatic ecosystem (ponds, stream, lakes, rivers, ocean, estuaries) 		
	Unit 3: Natural Resources: Renewable and Non- renewable Resources <ul style="list-style-type: none"> • Land resources and land use change: Land degradation, soil erosion and desertification. • Deforestation: Causes and impacts due to mining, dam building on environment, forests, biodiversity and tribal populations. • Water: Use and over – exploitation of surface and ground water, floods, droughts, conflicts over water (international and inter – state). • Energy resources: Renewable and non-renewable energy sources, use of alternate energy sources, growing energy needs, case studies. 		
	Unit-4: Bio diversity and conservation <ul style="list-style-type: none"> • Levels of biological diversity: genetics, species and ecosystem diversity, Bio graphic zones of India: Biodiversity patterns and global biodiversity hot spots • India as a mega- biodiversity nation, Endangered and endemic species of India. • Threats to biodiversity: Habitat loss, poaching of wild life conflicts, man-wildlife conflicts, biological invasions; Conservations of bio diversity: In-situ and Ex-situ conservation of biodiversity. • Ecosystem and bio diversity services: Ecological, economic, social, ethical, aesthetic and informational value. 		

	<p>Unit-5 :Environmental pollution</p> <ul style="list-style-type: none"> • Environmental pollution: types, causes, effects and controls: Air, water, soil and noise pollution. • Nuclear hazards and human health risks. • Solid waste management: Control measures of urban and industrial waste. • Pollution case studies.
	<p>Unit 6: Environmental policies and practices</p> <ul style="list-style-type: none"> • Climate change, global warming, ozone layer depletion, acid rain and impacts on human communities and agriculture. • Environment laws: Environment protection Act, Air (prevention & control of pollution) Act; water (prevention & control of pollution) Act; Wild life protection Act; Forest conservation Act. International agreements: Montreal and Kyoto protocols and convention on biological diversity (CBD). • Nature reserves, tribal populations and rights, and human wild life conflicts in India context.
	<p>Unit 7: Human communities and the environment</p> <ul style="list-style-type: none"> • Human population growth, impacts on environment, human health and welfare. • Resettlement and rehabilitation of projects affected persons; case studies. • Disaster management: floods, earthquake, cyclone and landslides. • Environmental movements: chipko, silent valley, Bishnois of Rajasthan. • Environmental ethics: Role of Indian and other religions and cultures in environmental conservation. • Environmental communication and public awareness, case studies (e.g. CNG vehicles in Delhi)
	<p>Unit 8: Field work</p> <ul style="list-style-type: none"> • Visit to an area to document environmental assets: rivers / forest/ flora / fauna etc. • Visit to a local polluted site – Urban / Rural / Industrial / Agricultural. • Study of common plants, insects, birds and basic principles of identification. • Study of simple ecosystem – pond, river, Delhi Ridge etc.

COURSE OUTCOME:

CO1: Discuss Scope and importance of EVS

CO2: Create Public Awareness on environmental issues

CO3: Explain Structure and functions of ecosystem

CO4: Enumerate Renewable and non-renewable natural resources

CO5: Describe Biodiversity, environmental pollution, environmental policies and practices.

CO6: Explain Link between human communities and the environment

SEMESTER V

S.No	Course content	Name of subject	Theory Hrs	PracHrs	Exam Hrs	CIA	External	Total	Credits
1	CORE 9	Ergonomics	5		3	25	75	100	4
2	CORE 10	Basics of Nutrition	5		3	25	75	100	4
3	CORE 11	Furnishings in Interiors	4	2	3	25	75	100	4
4	CORE 12	Applied Arts	3	2	3	25	75	100	4
5	ELECTIVE I	Communication and Graphic Design	4	2	3	25	75	100	5
	PART IV – VALUE EDUCATION		2	-	-	25	75	100	2
Total			30						23

SUBJECT: ERGONOMICS

Core IX	III Year & Fifth Semester	Credit: 4	SUB CODE: TAK5A
Objective of the course	To enable the students to gain knowledge on importance of ergonomics in work effectiveness. Design work areas using ergonomic principles		
Course outline	Unit 1: Definition, Concept, scope and general applications of ergonomics. Ergonomic characteristics of place, things and activity. General ergonomic consideration in the design of work place.		
	Unit-2: Work- analysis of each task, content of job, Worker – emotional component, cognitive component, temporal component, physical component.		
	Unit 3: Anthropometry – Anthropometric dimension of workers at work and at rest, normal and maximum vertical and horizontal reaches, and work heights.		
	Unit-4: Work Environment- Temperature- Air movement, humidity, exchange of heat between human body and surroundings. Thermal properties of flooring, Noise- Definition, outdoor and indoor noise, acoustics.		
	Unit-5 : Posture: Meaning, Types –Good and Bad posture, posture involved in different activities. Stress and stress management: Meaning, causes, Types, symptoms, stress related problems and stress coping techniques.		

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1. Varghese.M.A. etal., (1994), Ergonomics in Kitchen design, Bombay.
2. Cromwell, L. Weibell, F.J. and Pfeirffer, E.A. (1991) Biomedical Instrumentation and Measurements, Prentice Hall, New Delhi.
3. WHO in collaboration with IEA, (2010). Ergonomic checkpoints: Practical and easy-toimplement solutions for improving safety, health and working conditions. Second edition.
4. Stephen Konz and Steve Johnson (2007). Work Design: Occupational Ergonomics 7th Edition.
5. Holcomb Hathway Dul & Weerdmeester (2003). Ergonomics for Beginners Taylor & Francis.
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2. <http://www.ilo.org/wcmsp5/groups/public/---dgreports/---dcomm/--->
3. http://www.technologystudent.com/despro_flsh/revise11.html
4. <https://www.ncsu.edu/ehs/www99/right/handsMan/office/ergonomic.html>
5. http://www.safeworkaustralia.gov.au/sites/swa/about/publications/Documents/31/ErgonomicsPrinciplesChecklistsForOfficeFurniture_1991_PDF.pdf

COURSE OUTCOME:

C01: Describe the basic ergonomic factors and related problems in a workplace.

C02: Understand and Recall the Anthropometry dimensions.

C03: Apply basic knowledge of physical factors affecting human beings in relation to light, sound, noise, climate and vibrations.

C04: Analyze the problems of given workplaces and workspaces.

C05: Apply relevant ergonomic principles and factors to the solutions of given workplaces.

SUBJECT: BASICS OF NUTRITION

Core X	III Year & Fifth Semester	Credit: 4	SUB CODE: TAK5B
Objective of the course	1. To learn basic cooking methods and its effect on nutrients. 2. To learn nutrition and the various foods necessary for a well-balanced day's menu. 3. To develop menus to meet requirements during special conditions.		
Course outline	Unit 1:. Importance of foods. Basic five food groups, My plate. Energy (carbohydrate), body building (protein), Fat and protective foods (vitamins & minerals).		
	Unit-2: Methods of cooking – dry heat methods – roasting, broiling, baking, frying; moist heat methods – boiling, simmering, blanching, steaming, pressure cooking, poaching, stewing – advantages and disadvantages. Planning balanced diet.		
	Unit 3: Recommended dietary allowance for infants, preschool, school going, adolescents, adults, old age, pregnant and lactating mothers.		
	Unit-4: Principles of Menu, Vitamin Deficiencies and Mineral Deficiencies - Iron and Calcium.		
	Unit-5 : Life style disorders - Obesity, Cardio vascular disease (CVD) and Diabetes Mellitus.		

REFERENCES:

1. F.R. Antia (2000). Clinical nutrition. Oxfore University Press, London, New York.
2. Krause, M.V. and Maham, M.A. (1992). Food, Nutrition and Diet Therapy W.B. Saunders company, Philadelphia, London Toronto.
3. Swaminathan, M. (2000). Principles of nutrition and dietetics, BAPPCO, Mysore Road, Bangalore.
4. Guyton, (1992). A.C. Human Physiology and Mechanisms and Diseases. W.B. Saunders and Co., Philadelphia.
5. Vander, A.J. Sherman, J.H and Luciano, (1990). D.S. Human physiology - The Mechanisms of Body functions, TMH Publishing Co. Ltd., Delhi.

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4. <http://icmr.nic.in/final/rda-2010.pdf>
5. <http://www.textbooksonline.tn.nic.in/Books/12/Std12-Nutr-EM.pdf>

COURSE OUTCOME:

C01: Summarize the concept of Balanced diet and acquiring Knowledge on energy, body building, fat and protective foods that enhance physical health.

C02: Apply the Methods of cooking involved in enhancing the quality of food.

C03: Use the RDA of different age group to meet their standards of nutrition.

C04: Evaluate dietary modification for Deficiency disorders by planning nutrient rich food.

C05: Appraise dietary modification for lifestyle disorders (obesity, cardio vascular disease and diabetes mellitus).

SUBJECT: FURNISHINGS IN INTERIORS

Core XI	III Year & Fifth Semester	Credit: 4	SUB CODE: TAK5C
Objective of the course	<ol style="list-style-type: none"> 1. To enable the students to learn about types of windows and window treatments. 2. To develop skills in construction of curtains. 3. To learn the techniques involved in construction of fabric. 		
Course outline	Unit 1: Furnishings- Importance of furnishing, Classification, Selection criteria in relation to backgrounds in Walls, Floors and Ceilings. Soft Floor Coverings – Types and Selection of Rugs and Carpets.		
	Unit-2: Window Treatments – Hard window treatment – Blinds, Shutters, Screens, Panels, Shades and Curtains. Soft window treatment - Curtains and Draperies. Styles of hanging Curtains – Tie- Backs, Café, Ruffles, Tier. Decorative curtain heads – Valence, Cornice, Swags and Cascade.		
	Unit 3: Construction of furnishings: Selection, Use and Care of Sewing machine and sewing tools .Study of Basic hand stitches – Temporary and Permanent. Seams and Seam finishes.		
	Unit-4: Stepsinvolved in fabric preparation. Methods of transferring pattern markings onto the fabric. Methods of Drafting Curtains, Draperies, Pillow Covers, Slip Covers and Cushion Covers.		
	Unit-5: Care and Maintenance of soft furnishings – Curtains, Draperies, Carpets and Rugs. Mending, Darning, Laundering, and Storage of furnishings.		

PRACTICALS:

1. Basic hand stitches.
2. Seams and Seam finishes
3. Construction of different types of Curtains.
4. Construction of Pillow and Cushion Covers.
5. Styles of hanging curtains.

REFERENCES:

1. Philips B, (2000). Hamlyn book of decorating, octopus publishing Ltd, London.
2. Clifton.c. etal (1991). The complete Home decorator conran octopus Ltd, London.
3. Luke. H., (1996). Soft furnishings, New Holland publishers Ltd, Singapore.
4. Wilhide, E and Copestick, I. (2000). Contemporary decorating, conron octopus Ltd., London.
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3. http://msucare.com/4h_Youth/interior_design/window_treatments.pdf
4. <http://ir.library.oregonstate.edu/xmlui/bitstream/handle/1957/17816/ExtensionBulletin709.pdf>
5. http://www.sewwhatinc.com/pdf/Guide_to_Stage_Drapery.pdf
6. https://www.designersguild.com/assets/PDF/Designer_Guild_Care_and_maintenance_Guide.pdf

COURSE OUTCOME:

- C01: Analyze the Importance and selection of furnishing materials in relation to backgrounds on walls.
- C02: Apply the Hard and soft window treatments for interiors.
- C03: Create furnishings using sewing machine and basic hand stitches.
- C04: Compare the Methods of drafting, pattern marking for various soft furnishings.
- C05: Summarize storage, care and maintenance of various soft furnishings.

SUBJECT: APPLIED ARTS

Core XII	III Year & Fifth Semester	Credit: 4	SUB CODE: TAK5D
Objective of the course	<p>To enable students</p> <ol style="list-style-type: none"> 1. To understand techniques of art and apply its principles in the creation and selection of Art Forms. 2. To select, apply, create and appreciate various minor and major art objects for interiors. 		
Course outline	Unit 1: Introduction to Art, Meaning and significance of art in the home. Basic guidelines in evaluating art objects. Glass – Enrichment of glass – etching, engraving, cutting, enameling, painting, use of glass in home.		
	Unit-2: Shaping and Enrichment of different materials. Metals and Alloys - aluminum, bronze, brass, silver, copper and gold. Ceramic – definition, ornamentation on ceramics – Earthenware, Stoneware, Porcelain, Mosaic and Terracotta.		
	Unit 3: Wood Carving, Inlay, Lacquering. Shaping of metal, damascening, enameling, wood & metal work in India. Crafts, Fabric painting, Glass painting, oil painting.		
	Unit-4: Recycling waste for craft work for interior decoration. Collage - Origin and Growth, modern collage work. Papier Mache - Origin, Papier Mache from various parts of India.		
	Unit-5: Sculpture- Meaning, Modeling and molding, use of sculpture at home, care, use and maintenance. Drawing-Meaning, tools and Techniques of drawing Painting-tools, canons of painting, types, use, care and maintenance.		

PRACTICALS:

1. Drawing different designs with different tools — Pencil, Pen, crayon, charcoal, ink, and chalk.
2. Mosaic – Creating art pieces with mosaic
3. Painting using different media – water, oil, fabric and stenciling.
4. Collage work – Posters, wealth out of waste.
5. Visits to various craft fairs and compilation of materials.

REFERENCES:

1. Ruddick Bloom, Susan (2006). Digital Collage and Painting: Using Photoshop and Painter to Create Fine Art. Focal Press. ISBN 0-240-80705-7.
2. Crafts and Hobbler, (1991). Reader's Digest.
3. Mark Jarzombek, (September 2001). "Bernhard Hoesli Collages/Civitas," Bernhard Hoesli: Collages, exh. cat., Christina Betanzos Pint, editor (Knoxville: University of Tennessee), 3-11.
4. Juliet Bawden, The Art and Craft of Papier Mache. Pub: by Mitchel Beazley, USA.
5. Errol Manners, Ceramics Source Book. Chartwell Books - 110 enterprises Avenue, Secaucus, New Jersey 07094.

WEB LINKS:

1. <http://www.britannica.com/art/lacquerwork>
2. <http://www.britannica.com/art/sculpture>
3. <http://www.britannica.com/art/modeling-sculpture>
4. http://arthistory.about.com/od/glossary_c/a/c_collage.htm
5. <http://www.visual-arts-cork.com/modern-art.htm>
6. <http://www.learninglandscapes.ca/images/documents/ll-no3/ddavis.pdf>
7. <http://www.tate.org.uk/whats-on/tate-modern/exhibition/untitled-pin-contemporary-collage-and-drawing/untitled-pin>

COURSE OUTCOME:

C01: Understand the Significance and evaluation of art objects.

C02: Discuss the shape and enrichment of different materials like ceramics, metals and alloys.

C03: Describe Wood and metal work in India and different kinds of painting.

C04: Identify and establish a sensitized approach regarding pollution prevention, reduction of waste, recycling and reuse of materials and energy.

C05: Understand the concept of drawing, sculpture and various techniques of drawing.

SUBJECT: COMMUNICATION AND GRAPHIC DESIGN

Elective I	III Year & Fifth Semester	Credit: 5	SUB CODE: TEK5A
Objective of the course	<p>1. Awareness of media & graphic processes for students to function in any publishing house.</p> <p>2. To provide theoretical and practical knowledge of basic design processes of communication on any publishing process.</p>		
Course outline	<p>Unit 1: Meaning of Communication - Definition, Characteristics, Elements and types of communication. Mode of communication - Books, Newspapers, Film, Cinema, Radio and Television, mobile phones and internet.</p> <p>Unit-2: Communication Process, audio-visual aids, Mass media production, Barriers in Communication – Definition, types and overcoming the barrier of communication. Tools of communication. Advantages of effective communication.</p> <p>Unit 3: Graphic Design – Introduction, Role of design in society – Impact and function of design, Printing / publishing technology, Types - Booklets, Brochures, Folders, Posters. Role of design in the changing social scenario. Role and responsibility of Designers.</p> <p>Unit-4: Advertising – Definition, Advantages and disadvantages, Role of a advertising in modern life - Advertising appeals, Advertising through Print Media, Outdoor Advertising. Evolution of logos</p> <p>Unit-5:Photography –Definition, Photographic processes - A basic Understanding. Camera - Functions and uses. Calligraphy and Typography - various aspects.</p>		

PRACTICALS:

1. Prepare flash cards, all types of charts, graphs, Bulletin Board, Black Board.
2. Prepare models, specimens, cartoons and comics.
3. Basic design exercises – Elements and Principles and designing a logo.
4. Decorative Handwriting - Block, straight, gothic, fancy, Calligraphy and Typography.
5. Photograph to be compiled on given themes.

REFERENCES:

1. Jaspreet Berry, Fundamentals, Theory and Practice.
2. Dahana O.P. and Bhatnagar, (1980). Education and Communication for Development, Oxford & IBM Publishing Co. New Delhi.
3. Kanel Kumar, Mass Communication.
4. Mehta, Mass Communication.
5. Best Logos, Prints.
6. Uma Narula, Mass Communication - Theory & Practice.
7. Denis Macquail, Media Programmes.
8. Fred. E. Jannot, Inter Cultural communication and Introduction.
9. Johnson, Encyclopedia of Typefaces.

WEB LINKS:

1. Livestrong.com/article-the-importance-of-verbal-non-verbal-communication
2. Managementstudyguide.com/oral-writtencommunication.htm
3. <http://www.fitnessgurusam.com/2010/09/23/your-grocery-list-may-be-sabotaging-you/>
4. <http://prpr.net/pr-services/print-media/#contact>
5. <http://www.vervehouse.co.uk/costs.html>
6. http://caxton-books.co.uk/wp-content/uploads/2011/03/cinema_logo1.png
7. <http://www.dgreetings.com/gifts-to-india/gifts/TV-2158.html>
8. <http://www.mysticalphotos.co.uk/>

COURSE OUTCOME:

- C01: Understand the meaning, characteristics, elements and mode of communication.
- C02: Describe the Barriers in communication and apply ways of overcoming barriers in communication.
- C03: Discuss the Impact and functions of Graphic design.
- C04: Identify the Role of advertisement in modern society.
- C05: Experiment the photographic process and thereby learning the basics in photography.

SUBJECT: VALUE EDUCATION

Part IV	III Year & Fifth Semester	Credit: 2	SUB CODE: VAE5Q
Course outline	Unit 1: Value education – its purpose and significance in the present world- Value system – the role of culture and civilization-Holistic Living-Balancing the outer and inner- Body, Mind and intellectual level-Duties and responsibilities. .		
	Unit-2: Salient values for life- Truth, commitment, honesty and integrity, forgiveness and love, empathy and ability to sacrifice, care, unity and inclusiveness, Self-esteem and Self-confidence, punctuality - Time, Task and Resource management- Problem solving and Decision-making skills – Inter personal and Intra personal relationship – Team work – Positive and Creative thinking.		
	Unit 3: Human Rights – Universal Declaration of Human rights – Human rights violation -National Integration- Peace and non – violence – Dr. A. P.J kalam’ s ten points for enlightened citizenship – Social values and Welfare of the citizen – The role of media in value building.		
	Unit-4: Environment and Ecological balance – interdependence of wellbeing – living and non – living. The binding of man and nature – Environment conservation and enrichment.		
	Unit-5 :Social Evils – Corruption, Cybercrime, Terrorism – Alcoholism, Drug addiction, Dowry – Domestic violence – Untouchability – Female infanticide – atrocities against Women – How to tackle them.		

COURSE OUTCOME:

CO1: Discuss Self-esteem, ego, anger manifestation, Indian ethos in ethics and individuals personality in the eyes of others

CO2: Describe Leadership, ethical business decisions, basic principles of professional ethics and mass media ethics.

CO3: Explain Effects of advertising, value of faith, social awareness and commitment and the steps for the protection of environment

CO4: Analyse Impact of globalization and consumer awareness, signs for an everlasting peace, evolution of human rights and the international law in operation

CO5: Discuss Intellectual activities and responsibility of citizen

SEMESTER VI

S.No	Course content	Name of subject	Theory hrs	Pract	Exam hrs	CIA	External	Total	Credits
1	CORE 13	Resource Management	6		3	25	75	100	4
2	CORE 14	Furniture Design	4	2	3	25	75	100	4
3	CORE 15	Visual Arts	4	2	3	25	75	100	4
4	ELECTIVE II	Entrepreneurial Development	6		3	25	75	100	5
5	ELECTIVE III	Front office and House Keeping	4	2	3	25	75	100	5
	PART V – Extension Activities								1
Total				30					23

SUBJECT: RESOURCE MANAGEMENT

Core XIII	III Year & Sixth Semester	Credit: 4	SUB CODE: TAK6A
Objective of the course	<ol style="list-style-type: none"> 1. To enable the students to understand concepts and principles and functions of management. 2. To enable the students to understand various concepts, principles and functions of organizations. 3. To help students to increase ability to make wise use of money. 		
Course outline	Unit 1: Management – Definition and meaning, Concept of Management, Management process, Micro and Macro environment, system approach . Values, Goals and Standards in relation to the management process.		
	Unit-2: Planning –types and importance, controlling the plan –Adjusting, Supervising and checking and types of Evaluation.		
	Unit 3: Decision Making: Process of decision making, Types of decisions, Methods of resolving conflicts. Resources: Definition, Meaning and classification of resources.		
	Unit-4: Time Management: nature of time as a resource, peak load, work curve, rest period. Energy management: Fatigue, Work simplification – definition, Mundel’s classes of change. Principles of body mechanics, Work simplification techniques.		
	Unit-5 : Money Management: Definition and Types of income. Budget – advantages and disadvantages, planning a budget for a family, methods of handling money. Maintenance of records – income and expenditure account, general ledger and balance sheet. Savings scheme.		

PRACTICALS:

1. Managing resources for special occasions.
2. Pathway and process chart
3. Gantt chart
4. PERT analysis
5. Construction of Budget for different income groups

REFERENCES:

1. Gross, (1972). Crandall - Management for Modern Families, 4th Edition, Appleton Century Crofts Inc.
2. Nickel P. and Dorsey J.M, (4th edition,1991). Management in Family Living, Wiley and Eastern, New Delhi.
3. Fontana, David, (1996). Managing time/ - New Delhi: Excel Books.
4. Nickell, Paulena, (4th edition, 1987). Management in family living. New Delhi: Wiley Eastern Ltd.
5. Bharathi. V.V.Jacintha, (1994). M - Family resource management: (new concepts and theory). New delhi: discovery pub. House.
6. Mundel,Marvin E, (5th edition, 1981). Motion and Time study: Improving productivity. New Delhi : prentice hall of india pvt ltd.
7. Tripathi P.C.&P.N.Reddy (2000). 'Principles of Management' New Delhi: Tata McGraw-Hill Publication Company Limited.

WEB LINKS:

1. <http://www.yourarticlelibrary.com/decision-making/decision-making-in-management-definition-and-features-explained/25657/>
2. <http://www.familyresourcemanagement.org/services/goals/>
3. <http://www.familyresourcemanagement.org/services/standards/>
4. [http://www.nios.ac.in/media/documents/sechmscicour/english/home%20science%20\(eng\)%20ch-15.pdf](http://www.nios.ac.in/media/documents/sechmscicour/english/home%20science%20(eng)%20ch-15.pdf)
5. <https://books.google.co.in/books?id=NJkrzK3CgisC&pg=PA149&lpg=PA149&dq=time,+energy,+money+as+resource+in+management&source=bl&ots=xmSp-LDkia&sig=57qLKHx2UX3sznBIJhm>

COURSE OUTCOME:

- C01: Understand Management process to improve goals and standards.
- C02: Examine the resource management.
- C03: Apply Decision making in right time and at right place.
- C04: Apply Simplified work to reduce time and energy.
- C05: Analyze Handling of money income and maintain records in proper way to enhance savings.

SUBJECT: FURNITURE DESIGN

Core XIV	III Year & Sixth Semester	Credit: 4	SUB CODE: TAK6B
Objective of the course	<p>1. To help the students understand about the various anthropometric aspects, human factors & other design criteria involved in the design of furniture.</p> <p>2. To make the students understand about the various materials & technology involved in the making of furniture.</p>		
Course outline	Unit 1: History of Furniture Design and Different styles of furniture-William & Mary period, Queen Anne period, Chippendale, Hepplewhite, Sheraton, Adam furniture, American colonial, British and contemporary furniture .		
	Unit-2: Factors influencing the selection of furniture –comfort, expressiveness, style, beauty, utility, family needs and preferences. Ergonomic principle of designing furniture.		
	Unit 3: Materials– Wood, Glass, Metal, Plastics. Finishes- Shaping, Carving, Tapestry and Upholstery.		
	Unit-4: Types of furniture – Built in furniture – Movable furniture –Upholstery furniture - Sectional furniture - Systems furniture – Readymade furniture.		
	Unit-5: Designing of Residential Furniture- Wall cabinet, TV Show cases, sofa, Dining table, study table, center table, children furniture and multipurpose furniture. Care and maintenance of furniture.		

PRACTICALS:

1. Styles of furniture sketching.
2. Measured drawing of furniture.
3. Kitchen cabinets and Showcase drawings.
4. Designing of furniture.
5. Model making.

REFERENCES:

1. Interior Design, (1996) John F. Pile, Harry N. Abrams Inc Publishers, New York
2. Residential Interior Design Course, (2001) Maureen Mitton, Courtney, John Wiley & Sons., London
3. The Encyclopedia of Furniture, (1997) Joseph Aronson, Crown Publishers, New York
4. Interior Design & Decoration, Premavathy Seetharaman and Parveen Pannu (2000), Prentice Hall
5. Interior Design, (2012) Francis D.K. Ching, John Wiley & Sons, New York
6. Time Saver Standards for Interior Design (2000), Joseph De Chiara, McGraw Hill, New York.

WEB LINKS:

1. http://www.onlinedesignteacher.com/furniture_design/furniture_materials.html#.Vj3EzdIrLIU
2. <http://www.sereneinteriors.com/furniture/furniture-materials.html>
3. <http://www.chroniclebooks.com/titles/furniture-design-an-introduction-to-development-materials-and-manufacturing.html>
4. <http://www.lectra.com/en/furniture/upholstered-design-product-development>

COURSE OUTCOME:

C01: Recognize history of various styles of furniture design like Chippendale, Hepplewhite.

C02: Understand the Factors influencing the selection of furniture for various uses.

C03: Understand Material choice and finishes of furniture.

C04: Identify Different types of Furniture and its uses.

C05: Develop new ideas to design furniture in residential spaces by implementing ergonomic principles.

SUBJECT: VISUAL ARTS

Core XV	III Year & Sixth Semester	Credit: 4	SUB CODE: TAK6C
Objective of the course	<p>To Enables Students</p> <ol style="list-style-type: none"> 1. Appreciate and understand the evolution of Visual arts. 2. Be creative in Interior Decoration. 3. To develop an insight towards sensibility and aesthetic appreciation. 		
Course outline	<p>Unit 1: . Genesis of Arts – the concept and meaning of arts. The presence of the past – stone age beginnings, Ancient Egyptian Art. Arts and society, Unity and Diversity, Time, Place and Idea</p>		
	<p>Unit-2: Sculpture and painting in West - The Classical Period – The Hellenic Style, The Hellenistic Style, The Roman Style. The Medieval Period – The Early Roman Christian and Byzantine Styles, the Feudal Style and the Gothic Style.</p>		
	<p>Unit 3: The Renaissance Period – The Early and High Italian Renaissance, The Florentine Renaissance Style. The Roman Renaissance Style – Rome, Early 16th Centuray – Tomb of Julius and the Dome of St. Peters. Baroque.</p>		
	<p>Unit-4: The Revolutionary period – The Neoclassical Period, The Romantic Style, The Realistic and Impressionistic Styles, The 20th Century styles, Art Styles.</p>		
	<p>Unit-5 : Architectural Features - Sun temple, Lingaraja temple, Tajmahal, Lotus temple , Meenakshi Amman temple and Mahabalipuram.</p>		

PRACTICALS:

1. Drawing Pictures of 2D and 3D art.
2. Visit to Art / Craft museum / Art Galleries
3. Photo coverage – Field trip.
4. Pencil Sketches

REFERENCES:

1. Gombrich, (1955). E.H : Story of Art, Phaidon Press Ltd., New York.
2. Janson, (Sixth Edition,2001). H.W: History Of art, Thames and Hudson Ltd., London.
3. Gair, A, (1999) Artists' Manual, Hopper Collins Publishers, London. 2. Holt, F.T. and Smith, S.
4. The Artists Manual – Equipments, Materials, Techniques, Grange Books, London.
5. Malhotra and Malhotra, (2001). Drawing Techniques, Blue bird books, Delhi.
6. Monahan, P., Seligman, P. and Clouse, W. (2003). Arts School – A Complete Painters Course, Chancellor Press, London.
7. Stanyer,P. (2003). The Complete book of Drawing Techniques, Areturus Publishing Limited for book mark limited, Leicester.

WEB LINKS:

1. <https://www.boundless.com/art-history/textbooks/boundless-art-history-textbook/ancient-egyptian-art-4/the-new-kingdom-57/sculpture-and-painting-313-5317/>
2. <http://www.culturalindia.net/indian-temples/ellora-cave.html>
3. <http://www.culturalindia.net/indian-temples/lingaraj-temple.html>
4. <http://10yearitch.com/travel/south-indian-temple-architecture/>
5. <https://www.quora.com/What-are-some-great-examples-of-Indian-temple-architecture>

COURSE OUTCOME:

- C01: Interpret the genesis of art from Stone Age.
- C02: Distinguish the features of different styles in sculpture and paintings in western styles.
- C03: Examine the art styles in the Renaissance period.
- C04: Analyze the art styles from revolutionary period.
- C05: Summarize the architectural features of famous temples of India.

SUBJECT: ENTREPRENEURIAL DEVELOPMENT

Elective II	III Year & Sixth Semester	Credit: 5	SUB CODE: TEK6A
Objective of the course	1. To understand the concept of entrepreneurship 2. 2.To know the world of entrepreneurs 3. 3. To understand and cultivate entrepreneurial values, attitude, qualities and Desires. To sow the seed of entrepreneurship in fertile minds		
Course outline	Unit-1: Entrepreneur - Evolution of the concept of Entrepreneur and Entrepreneurship, Characteristics of an entrepreneur, functions of an Entrepreneur , Types of Entrepreneur. Unit-2: Small enterprises - Definition, characteristics, Relationship between small and large Units. Role of Small enterprises in economic development, and problems of small scale industries. Subsidies and incentives. Unit 3: Project - Meaning of Project, Project Identification, project selection. Project Proposal - Meaning of project Report, significance of project report, content of a project report and formulation of project report. Training and Development of project. Unit-4: Institutional Finance to Entrepreneurs - Commercial Banks, Other Financial Institutions- IDBI, IFCI, ICICI, IRBI, LIC, UTI and SFCs. Unit-5: Marketing Management - Concept of Marketing, Functions of marketing, Market Assessment and segmentation. Marketing Mix. Distribution channels , Branding, Labeling and Packaging.		

REFERENCES:

1. Bolton, B. & Thompson, J (2001). Entrepreneurs: Talent, Temperament, Technique, Replika Press Private Ltd, Delhi, 110 040, India.
2. Taneja, S. & Gupta, S.L. (1992). Entrepreneurship Development, New Venture Creation, Galgotia Publishing Company, New Delhi.

3. Hisrich, R.D. & Peters, M.P, (1995). Entrepreneurship: Starting, Developing and Managing a New Enterprise, Richard, D. USA, Irwin, INC.
4. Desai, V. (1991, 97, 99, Vol I & II,) Entrepreneurial Development, Himalaya Publishing House. Mumbai.
5. Vasant Desai, (2006), Small-Scale Industries and Entrepreneurship, Himalaya publishing house.Mumbai.
6. S.S.Khanka, S. Chand, (2001), Entrepreneurial Development, New Delhi.
7. Botswana, (1992) - Arable Lands Development Project, [076-BT% R076BTBE](#), Interim Evaluation.

WEB LINKS:

1. https://www.google.co.in/?gfe_rd=cr&ei=xpQ8VoC7MsS18wfb9bD4CA#q=entrepreneurship+managing
2. <http://www.b-u.ac.in/download/careertools/Entrepreneurship.pdf>
3. <http://www.morldechgossips.com/2013/02/entrepreneurial-development.html>
4. https://www.google.co.in/search?q=entrepreneurship+development+programme+notes&biw=1366&bih=667&tbm=isch&tbo=u&source=univ&sa=X&ved=0CDwQsARqFQoTCOq_sjh-8gCFUUVIAodtLQP6g&dpr=1
5. http://www.ifad.org/evaluation/public_html/eksyst/doc/1le/pf/1124suse.htm
6. <http://www.adirondackdailyenterprise.com/page/blogs.detail/display/1428/Incentives-versus-Subsidies.html>

COURSE OUTCOME:

C01: Understand the Concept of entrepreneur and entrepreneurship with its characteristics, functions and types.

C02: Evaluate the Role of small enterprises in economic development and problems.

C03: Understand the Concept of Selection, significance, content, identification of project and can also be able to create project report.

C04: Remember the financial institutions offering finance to entrepreneurs.

C05: Understand the concepts of marketing management and marketing mix.

SUBJECT: FRONT OFFICE AND HOUSEKEEPING

Elective III	III Year & Sixth Semester	Credit: 5	SUB CODE: TEK6B
Objective of the course	<p>To enable the students</p> <ol style="list-style-type: none"> 1. To know the organizational structure of a housekeeping department. 2. To improve skills in organization of works and prepare for housekeeping jobs. 3. To understand the layout and functions of front office in hospitality management. 		
Course outline	<p>Unit 1: Introduction to front office, layout of front office and different front office equipment, importance of hospitality industry, duties and responsibility, ideal qualities of a front office staff and job description of a front office assistance.</p> <p>Unit-2: Introduction to House keeping - Objectives, Organization, Structure of Housekeeping department (small, medium, large), duties of Housekeeping personnel, Housekeeping as a Profession.</p> <p>Unit 3: Housekeeping in different Institutions- commercial sector and welfare sectors, housekeeping Co-ordinates with—reception, catering, Interior Decoration and other related departments.</p> <p>Unit-4: Functions of Housekeeping department- Desk control, records and registers, key types and control of keys, service pantry-location and essential features, lost and found, fire, emergency and first aid.</p> <p>Unit-5 : Cleaning equipment – Selection of equipment, brooms and brushes, protective equipment, clothes used in cleaning, box sweeper, electric equipment, vaccum cleaner. Cleaning agent - Solvents grease absorbents, disinfectants, antiseptics, soaps, detergents, polishes & storage. Stain removal techniques.</p>		

PRACTICALS:

1. Arrangement of front office.
2. Bed making.
3. Arrangement of Guest room.

4. Stain removal, washing, drying, ironing, folding, storing of various types of fabrics and garments.
5. Visit to Housekeeping departments in various sectors.

REFERENCES:

1. Branson, J.C. & Lennox, M (1992), Hotel, Hostel and Hospital Housekeeping, Arnold Heinemann, U.S.A.
2. Lillicrap, D.R and Cousins, J.A (1994), Food and beverage service, London.
3. Faulkner, R. and Faulkner, S. (1997), Inside Today's Home, Rinehart Publishing company, New York.
4. Binnie, R and Boxal, D.J, (1992), Housecraft Principles and Practice, Pitman Publishing, London.

WEB LINKS:

1. <http://paramjamwal.blogspot.in/2013/11/duties-and-responsibilities-of.html>
2. <http://www.hotelhousekeeping.org/Hotel-Housekeeping-Duties.html>
3. <http://hotel-industry.learnhub.com/lesson/7885-importance-of-housekeeping>
4. <http://emilypost.com/advice/basic-table-setting/>
5. <http://www.goodhousekeeping.com/home/gardening/advice/g1285/hard-to-kill-plants/?>

COURSE OUTCOME:

C01: Understand the Concept, Scope, importance of front office and Qualities, duties, responsibility of front office.

C02: Understand the Objectives of housekeeping and executing the organizational structure of housekeeping.

C03: Develop Skill in the field of housekeeping both in commercial and welfare sectors.

C04: Understand and apply the Functions of housekeeping department.

C05: Examine the Selection of cleaning equipments and applying the learning skills in maintaining these equipments.