School of Architecture & Planning

Kalinga Institute of Industrial Technology

(KIIT) Deemed to be University



Course Structure

for

Masters in Design (Interior Design)

MASTER OF INTERIOR DESIGN (M Des)

School of Architecture and Planning, Kalinga Institute of Industrial Technology (KIIT) Deemed to be University

Programme Overview

The Master of Interior Design (M Des) offered by the School of Architecture and Planning (KSAP), KIIT Deemed to be University, is a postgraduate programme designed to develop skilled, creative and socially responsible interior design professionals capable of responding to the evolving needs of contemporary built environments.

The programme provides an advanced understanding of interior architecture, spatial design, human behaviour, materials and construction, furniture and product integration, lighting, environmental systems, building services, digital technologies, sustainability and professional practice. It integrates design theory, design research and professional practice to enable students to critically examine and transform interior environments across residential, commercial, institutional, hospitality, cultural and public settings. Emphasis is placed on human-centred design, contextual understanding, material exploration, spatial innovation, environmental responsiveness and technology-enabled design. Students are encouraged to explore the relationship between people, space, culture, materials and technology while developing design solutions that are functional, aesthetically appropriate, inclusive and sustainable.

Studio-based learning, design workshops, material studies, field investigations, case studies, live projects and interdisciplinary collaborations provide students with exposure to real-world design challenges. Supported by experienced faculty, design studios, digital and material resources, and interaction with professionals and industry, the programme equips graduates with the conceptual, technical and professional competencies required for careers in interior design, interior architecture, spatial design, consultancy, research, education and creative practice. The programme fosters critical thinking, design innovation, ethical professional practice, leadership and lifelong learning, enabling graduates to contribute meaningfully to the creation of responsive, inclusive, sustainable and culturally relevant interior environments.

Pedagogy

The programme follows an Outcome-Based Education (OBE) framework integrating theoretical, experiential, studio-based and research-oriented learning. Students engage in design studios, lectures, workshops, seminars, site visits, material studies, digital modelling, case studies, live projects and professional interactions.

Studio-based learning forms the core of the programme, encouraging students to progress through research, conceptualisation, experimentation, prototyping, design development and refinement. Design thinking, critical inquiry, material exploration, technological innovation and sustainable practices are integrated throughout the learning process. Assessment is based on studio reviews, design juries, presentations, portfolios, research assignments, prototypes and project-based learning, supporting the progressive development of professional competencies.

About KIIT Deemed to be University

Kalinga Institute of Industrial Technology (KIIT) Deemed to be University, Bhubaneswar, is a multidisciplinary institution established in 1997, with academic programmes spanning engineering, management, law, medicine, architecture, planning, biotechnology, humanities and social sciences.

The University promotes interdisciplinary learning, research, innovation, international collaboration and industry engagement, providing an environment that encourages students to address contemporary social, technological and environmental challenges.

About KIIT School of Architecture and Planning

The School of Architecture and Planning (KSAP) is committed to excellence in architecture, planning, interior design and built-environment education. The School emphasizes design thinking, interdisciplinary learning, sustainability, digital technologies, material exploration and research-driven education.

The MDes programme brings together design theory, spatial practice, material and construction knowledge, environmental considerations, digital representation and professional practice through an integrated studio-based approach. Students are encouraged to develop innovative and context-responsive solutions while engaging with professionals, industry, communities and other disciplines.

Organizational Structure and Academic Governance

The programme is administered through a structured academic framework comprising the Dean, Programme Coordinator, Board of Studies, faculty members, external academic experts and industry professionals.

The curriculum is periodically reviewed to respond to developments in interior design practice, digital technologies, material innovation, sustainability and professional requirements. Feedback from students, alumni, employers, academic experts and industry professionals supports continuous improvement and curriculum relevance. The programme thus provides an environment for design research, interdisciplinary collaboration, professional engagement and creative exploration, preparing graduates to respond effectively to the evolving demands of interior design practice.

Course Objective

To address contemporary social, environmental, and professional challenges by creating sustainable, inclusive, and culturally responsive interior environments through design excellence, technology integration, and interdisciplinary collaboration.

Programme Educational Objectives (PEOs)

PEO 1: To enhance advanced design knowledge, technical competence, and creative thinking to create functional, context responsive, and user-centred interior environments.

PEO 2: To develop research aptitude and innovative thinking for solving contemporary interior design challenges through creative, adaptive and evidence-based design solutions.

PEO 3: To promote environmentally responsible and resource-efficient interior design practices aligned with the United Nations Sustainable Development Goals (SDGs).

PEO 4: To cultivate an appreciation of India's rich cultural heritage, traditional crafts, vernacular knowledge, and regional identities by integrating them with contemporary interior design practices.

Programme Outcomes (POs)

PO1: Demonstrate advanced knowledge and creative thinking to design functional, aesthetically enriching, user-centred, and context-responsive interior environments.

PO2: Apply research methods, analytical skills, and evidence-based design approaches to investigate and solve complex interior design challenges.

PO3: Integrate sustainable, resource-efficient, and environmentally responsible design principles aligned with the SDGs in interior design solutions.

PO4: Utilize advanced materials, construction techniques, digital tools, visualization technologies, and project management practices for effective design development and execution.

PO5: Design interior environments that respect India's cultural heritage, traditional crafts, vernacular knowledge, universal accessibility, and the diverse social needs of communities.

PO6: Collaborate with multidisciplinary teams while demonstrating ethical practice, professional leadership, entrepreneurship, and a commitment to lifelong learning.

Salient Features of the Programme

- Advanced Interior Design Studios
- Research-led Design Process
- Sustainable and Healthy Interior Environments
- Interior Materials and Construction Technologies
- Lighting, Furniture and Product Integration
- Smart Interiors and Digital Fabrication
- Universal Design and Accessibility
- Heritage Interior Conservation and Adaptive Reuse
- Industry-sponsored Live Projects
- Dissertation and Research Publications
- Professional Practice and Entrepreneurship
- Interdisciplinary Collaboration
- Workshops by National and International Experts
- Internship/Industry Exposure
- Design Competitions and Exhibitions

COURSE STRUCTURE

SEMESTER I

	Theory						
Sl No	**Course Code**	**Subject**	**Contact Periods per Week**			**Total**	**Credit**
			L	T	P		
1	ID60001	History of Interior Design	03			03	03
2	ID62003	Introduction to Interior Design	02		06	08	05
3	ID62005	Building Material and Construction-I	02		02	04	03
	Sessional						
4	ID63007	Graphics		03	04	07	05
5	ID69009	Visual Communication-I			06	06	03
6	ID69011	Interior Design Lab -I			08	08	04
		Total	**07**	**03**	**26**	**36**	**23**

SEMESTER II

	Theory						
Sl No	**Course Code**	**Subject**	**Contact Periods**			**Total**	**Credit**
			L	T	P		
1	ID60002	Building Services-I	03			03	03
2	ID62004	Building Material and Construction-II	02		02	04	03
	Sessional						
3	ID69006	Working Drawing			06	06	03
4	ID69008	Visual Communication-II			06	06	03
5	ID69010	Crafts in Design			08	08	04
6	ID69012	Interior Design Lab – II			08	08	04
		Total	**05**	**00**	**30**	**35**	**20**

SEMESTER III

	Theory						
Sl No	**Course Code**	**Subject**	**Contact Periods**			**Total**	**Credit**
			L	T	P		
1	ID60013	Building Services-II	03			03	03
2	ID62015	Furniture Design	02		04	06	04
	Sessional						
3	ID69017	Design Exploration/ Exchange			04	04	02
4	ID69019	Portfolio Development			04	04	02
5	ID69021	Interior Styling			06	06	03
6	ID69023	Interior Design Lab - III			08	08	04
		Total	**05**		**26**	**31**	**18**

SEMESTER IV

	Theory						
Sl No	**Course Code**	**Subject**	**Contact Periods**			**Total**	**Credit**
			L	T	P		
1	ID60014	Professional Practice	02			02	02
	Sessional						
2	ID69016	Set Design & Visual Merchandising			04	04	02
3	ID68018	Professional Training/Workshop	12 hours				06
4	ID67020	Thesis Project			24	24	12
		Total	**02**		**28**	**30**	**22**

Description of Coding:

ID: Represents Interior Design

First Digit: Represents Post Graduate (6)

Second digit: Represents type of subject (L-T-P configuration)

Last three digit: Represents serial number of that subject

Total No. of Credits: 83

Total No. of Teaching Hours: 132

SEMESTER –I

ID60001 HISTORY OF INTERIOR DESIGN

INTENT

1. To provide an insight to the history of various interior styles in India
2. To provide exposure to International Interior design and styling
3. To understand the relevance of architecture, interiors and its culture in context to the interiors of any space

CONTENT

Unit 1: Important events in the history of Design movements
Unit 2: Indian Interior designs and styles, origin, cultural and religious influences
Unit 2: European design styles, origin and evolution – Classical Greek, Classical Roman, Early Christian period, Byzantine, Gothic
Unit 3: South East Asian Interior design and styling
Unit 4: Art Movements: Colonial, art and crafts, romanticism, Art Nouveau, Eclecticism, Art-Deco, Cubism, Post modernism, Late Modernism, Deconstructivism
Unit 5: Impact of change in technology and Industrialisation in Interior Architecture
Unit 6: Modern Design movement and the Indian Context

References

1. Doordan, Dennis P. Design history: an anthology. MIT Press, 1995.

2. Pile, John F. A history of interior design. Laurence King Publishing, 2005.

3. Sparke, Penny. An introduction to design and culture. London: Routledge, 2004.

4. Davis, Whitney. A general theory of visual culture. Princeton University Press, 2011.

5. Aldo Leopold, A Sand County Almanac, Ballantine Books, New York 1982

6. R.G. Collingwood, The Principles of Art, Oxford University Press, New York 1958 (reprint 1998)

7. Carpenter, T.H. Art and Myth in Ancient Greece. London: Thames and Hudson, 1991.

8. Hobsbawm, Eric. Age of revolution: 1789-1848. Hachette UK, 2010.

9. Hobsbawm, Eric. Age of Capital: 1848-1875. Hachette UK, 2010.

10. Hobsbawm, Eric. Age of Empire: 1875-1914. Hachette UK, 2010.

11. Hobsbawm, Eric J. Nations and nationalism since 1780: Programme, myth, reality. Cambridge

University Press, 2012.

12. Michael C, Andreas P; Post-modern Design (ISBN: 0856709433) ; Academy Editions, 1990

13. Banham, Joanna, ed. Encyclopaedia of interior design. Routledge, 2015.

14. http://www.designishistory.com/design/interactive/

ID62003 INTRODUCTION TO INTERIOR DESIGN

INTENT

To provide understanding of the fundamentals, principles that form the basis of the field of design. It provides exposure to the various geometrical methods of drawings. The student is sensitised to anthropometry and ergonomics. It also aims to make the students have a better perspective, critical thinking and creativity.

CONTENT

Unit 1: Basic Design: Elements and Principles of Design, fractals, tessellations, pattern development, 2D and 3d exploration,

Unit 2: Study of Anthropometrics and ergonomics

Unit 3: Introduction and Application of colour theory

Unit 4: Various Interior Design Styles and Methodologies

References

1. Palmer, Jerry, and Mo Dodson. Design and aesthetics: a reader. Psychology Press, 1996.

2. Folkmann, MadsNygaard. The aesthetics of imagination in design. MIT Press, 2013.

3. Moffat, James Clement. An introduction to the study of aesthetics. Moore, Wilstach, Keys & co.1856.

4. Heskett, John. Design: A very short introduction. Vol. 136. Oxford University Press, 2005.

5. Lidwell, William, Kritina Holden, and Jill Butler. Universal principles of design, Rockport Pub,2010.

6. Puhalla, Dennis. Design Elements, Form & Space: A Graphic Style Manual for Understanding Structure and Design. Rockport Pub, 2011.

7. Visser, Willemsen. The cognitive artifacts of designing. Lawrence Erlbaum Associates, 2006.

8. Albers, Josef, and Linda Holtzschue. Interaction of Colour. Vol. 909. Yale University Press, 1979.

9. Lou Michel. Light: the shape of space: designing with space and light. John Wiley & Sons, 1995.

ID62005 BUILDING MATERIAL AND CONSTRUCTION TECHNIQUES-I

INTENT

The aim of this subject would be to make the students express their design concepts in the form of technical and schematic drawings. The student should develop understanding of the construction techniques. At the end of the module the students should appreciate the materials, finishes, structural elements.

CONTENT

UNIT1: Building Materials: Understanding the physical and visual properties of materials and to understand the application in interior spaces. The application of materials in both vertical and horizontal surfaces need to be understood.

- Soft wood, hard wood, plywood, boards etc
- Metals such as steel, aluminium, bronze, brass, copper etc
- Stones, concrete, tiles, gypsum, plaster

Unit 2: Elements of Construction/ Building: Understand the basics of construction such as walls, columns, beams, roofs and various structural members. The students should develop appreciation for load bearing and non-load bearing structures and have the basic ability to analyse a building during an interior design intervention.

- Substructure
- Superstructure
- Construction methods and equipment

Unit 3: Field Study

- Market visits to understand materials, availability and their uses
- Case studies
- Site visits to understand the application of materials
- Material boarding based on specific assignments

References

1. Arora S.P and Brinda S.P," Building construction, planning techniques and method of construction – Dhanpat rai and sons 1997.
2. Peurifoy, R.L., Ledbetter, W.B.and 12 Schexnayder, C. (McGraw Hill, Singapore, 1995)
3. Mehta, Madan, Building construction: Principles, materials, and systems. Pearson Prentice Hall, 2008.
4. Herzog, Thomas, et al. Timber construction manual. Walter de Gruyter, 2004.
5. Godsey, Lisa. Interior design materials and specifications. A&C Black, 2012.
6. Binggeli, Corky. Materials for interior environments. John Wiley & Sons, 2008.
7. Godsey, Lisa. Interior design materials and specifications. A&C Black, 2012

ID63007 GRAPHICS

INTENT

The students will be introduced with tools and methods of design communication through geometrical, sketching and rendering techniques used in Interior Design.

CONTENT

Unit I: Visualise and represent interior design concepts through hand sketching and rendering

Unit 2: Geometry: Understanding the geometrical drawings and principles used in Interior designing

Unit 3: Fundamentals of Drafting Vocabulary of Architecture, Scaling, Lines, Symbols, lettering, etc

Unit 4: Orthographic Drawings, Section Drawings

Unit 5: Introduction to Painting and Sketching- Use of painting tools and materials like easels, brushes, paper, water colour, poster colour etc.

References

1. I.H. Morris, Orient Longman, Chennai -Geometrical drawing for Art students M.S. Kumar, D.D. Publications, Chennai Engineering Drawing
2. Allen Tate- Harper & Row Publishers, New York, 1987. The making of interiors- An introduction
3. Sherrill Whiton- Prentice Hall, Fourth Edition- 1974-Interior Design & Decoration

ID69009 VISUAL COMMUNICATION-I

INTENT

The students will be introduced with tools and methods of design communication through manual and digital techniques. The students will be introduced with 2D and 3D representation and visualisations which can be implemented in their interior design processes and sheets. The students should understand the importance of composition, presentation, drafting, graphical representations, editing techniques and other conventions necessary in the field of design.

CONTENT

Unit I: Understanding of interior design drawing techniques, annotations and graphical conventions

Unit 2: Digital tools of representing the designs and drawings through CAD based 2D

Unit 3: Understanding and Proficiency in photo editing software’s

Unit 4: Drafting Practice Assignment: Various plans and interior details, furniture drafted, edited and rendered with the help of the software's.

References

1. Teyapoovan. T., Engineering Drawing with Auto CAD 2000. Vikas Pub House Pvt Ltd., N. Delhi, 2000.
2. Georgeomura, Auto CAD, Release 2000.
3. Omura, G; Mastering Auto CAD BPB Publications, New Delhi, 2005
1. Saxena, S, A first course in computers, Vikas Publishing house, New Delhi; 2003.
2. http://cad2learn.com/autocad-layer-toolbar-for-autocad-2013/
3. http://docs.autodesk.com

ID69011 INTERIOR DESIGN LAB-I

INTENT

The students will be introduced to the design of Interior spaces. The students will be made to understand concepts, techniques, research methodologies, case studies, materials, finishes, textures etc and use them in a given interior space enhancing its aesthetic and functional value. The students should develop the ability of visualise spaces aesthetically and functionally. The module should cover various aspects of anthropometry, ergonomics. The students learn to apply innovative and creative solutions.

CONTENT

Unit 1: Understand the topic with the help of case studies, literature studies and back ground research work.

Unit 2: Design development where the student conceptualises, ideates and executes the various aspects of the course. The students should be able to create mood boards, material and theme boards working drawings, sourcing etc.

Unit 3: The students should be able to produce presentation drawings, renderings, 3D modelling etc.

References

1. Linda O'Shea; The Interior Design Reference & Specification Book; Rockport Publishers; 2013

2. Interior Design; The New Freedom, BarbaralecDiamonstein, Rizzoli International Publications, New York, 1982.

3. Interior Colour by Design, Jonathan Poore, Rockport Publishers, 1994.

SEMESTER –II

ID60002 BUILDING SERVICES -I

INTENT

The aim of this module would be making the students concepts of Electricals & HVAC. The students at the end of module should be able to incorporate the HVAC systems in their drawings and understand the right application of it.

CONTENT

Unit 1: Basics of Electrical- Switches and their types, modular and non-modular

Unit 2: Lighting Systems and their applications- Types of Lamps-LED, incandescent, halogens, Dischanrge lamps, metal halides.

Unit 3: Plumbing Systems and their applications

Unit4 : Principles of Air Conditioning

Unit 5: Natural and mechanical ventilation systems

Unit 6: Types of Air conditioning systems- Natural cooling systems, Window, Split, VRV, FCU, etc

Unit 7: Cooling, Heating and humidification, de-humidification, filtration methods

Unit 8: Market Study

Unit 9: Design a HVAC system for a small space like a residence

References

1.Ch'ing, Francis D K, Binggeli, Cork, "Interior Design Illustrated", Wiley Publications, New Jersey, 2004.

2. Hall, Fred, Greeno, Roger, "Building Services Handbook", Butterworth Heinemann, UK, 2001.

3. Purnima B C, 'Environmental Engineering - I - Water Supply Engineering", Laxmi Publications (P)Ltd, New Delhi, 2005.

4. Rangwala S C, "Water Supply and Sanitary Engineering", Charotar Publishing House Pvt. Ltd., 29th edition, 2016.

5. Singh, Gurcharan, "Water Supply and Sanitation Engineering (Environmental Engineering)", Standard Publishers Distributors, 2007.

6. A complete guide of service by Cathryn Berger

7. Learning network service by Rob Kooper

8. Interior design by Maureen

9. Water supply and Sanitary Installations by Anand Chintaman panchdhari; Published by New Age International Pvt. Ltd.

10. Handbook of Designing and installation services in high-rise building complexes by Er. B.K Jain; Khanna publishers

11. Plumbing and Sanitation (Hindi Edition) by S.K. Jain and Amit Aggarwal, Bhratiye Technical Publications.

12. Modern Basic Electrical and House wiring servicing by M.Lotia; Bpb publications.

13. Lighting for Interior Design by Malcolm inner published by Laurence king publishing.

ID62004 BUILDING MATERIAL AND CONSTRUCTION TECHNIQUES-II

INTENT

The aim of this module would be making the students understand more advanced technical concepts, detailing, building components. The student should develop understanding of the construction techniques. At the end of the module the students should appreciate the materials, finishes, structural elements and integrate it into their design in appropriate manner.

CONTENT

UNIT1: Building Materials: Understand more advanced materials, manipulation and application. Detail understanding of finishes, textures and colour.

- Glass- Various types and treatment of glass for interior application
- Plastics
- Soft furnishing -Textiles Drapery, upholstery, wall covering, carpets, curtains, blinds etc
- Miscellaneous materials such as: Rubber, Leather, Paper, Paints & Finishes, resin, linoleum etc

Unit 2: Interior Components: Understanding of various elements in the interiors

- False ceiling and their types
- Flooring types
- Partitions
- Wall panelling
- Wall treatments
- Market surveys and documentation
- Hands on application

References

1. Mehta, Madan, Building construction: Principles, materials, and systems. Pearson Prentice Hall, 2008.
2. Herzog, Thomas, et al. Timber construction manual. Walter de Gruyter, 2004.

3. Godsey, Lisa. Interior design materials and specifications. A&C Black, 2012.
4. Stanley; Complete Painting; 2007
5. Mark Dixon, House Painting: Inside and Out; Taunton Press; 1997
6. Binggeli, Corky. Materials for interior environments. John Wiley & Sons, 2008.
7. Bindra, S.P. and Arora, Building Construction: Planning Techniques and methods of Construction
8. J. Rosemary Riggs; Materials and Components of Interior Architecture
9. R. Chudley – Building Construction Handbook – BLPD, London 1990.
10. S.C. Rangwals – Engineering materials – Charotar Publishing, Anand.
11. Inside today‟s home, Faulkner, R. and Faulkner 1987, Rinebart Winston, New York
12. Interior Design & Decoration, SherrilWhiton, Prentice Hall
13. Introduction to home furnishings, Stepat, D.D, 1991, Themacmillan company, New York

ID69006 WORKING DRAWING

INTENT

The course is intended to impart training in the preparation of working drawings for interiors.

CONTENT

Unit 1: Method of giving dimensions: architectural and structural on plans at various levels, elevations and sections

Unit 2: A brief specification of materials of finishes on the drawings

Unit 3: Interior details to a large-scale showing application of materials of finishes and other details

Unit 4: Interior details showing services such as sewage and electrical connections

References

1. Drawing for Interior Design 2e by Plunkett Drew
2. Construction Drawings And Details for Interiors 3Rd Edition by Rosemary Kilmer and W Otie Kilmer, John Wiley
3. Construction Drawings and Details for Interiors: Basic Skills by Rosemary Kilmer

ID69008 VISUAL COMMUNICATION-II

INTENT

In this module the students will be introduced with advanced tools and methods of design communication and techniques. The tools students will be introduced to the basics of 3D modelling software. The students will be taught skills to create and render plans, 3D models, interior views etc.

CONTENT

Unit I: Digital tools for rendering plans and interior elevations with appropriate expression of materials and textures

Unit 2: Understanding and Proficiency in 3D softwares such as sketch up

Unit 3: Understanding and Proficiency in advanced photoediting softwares

References

1. SketchUp 2014 For Dummies by Aidan Chopra
2. Photoshop for Interior Designers by Suining Ding

ID69010 CRAFTS IN DESIGN

INTENT

The course guides the students develop understanding and appreciation of Indian Handicrafts and textiles. The students should be able to use crafts and textiles in their assignments. The students will be encouraged to collaborate with craftsmen and create interior elements and accessories.

CONTENT

Unit 1: Understanding craft techniques and contemporary application in Interiors

Unit 2: Textiles and their application in Interiors

Unit 3: Hands on Exploration of crafts and creating a craft for the Interior space

Unit 4: Mood boarding and Theme Boarding of a space based on handlooms and handicrafts

Unit 5: Trends and forecasting through market study, surveys

References

1. Crafts in Interior Architecture: India. 1990 Onwards by Rishav Jain
2. Handmade in India: Crafts of India by Ranjan Aditi
3. Handmade in India: A Geographic Encyclopaedia of India Handicrafts M.P. Ranjan
4. Traditional Indian Handcrafted Textiles: History, Techniques, Processes, and Designs Vol I & II by Anjali Karolia

ID69012 INTERIOR DESIGN LAB-II

INTENT

In this module the students will be introduced to the design of Commercial spaces. The student will go through proper research of a given type of commercial space, study similar examples through case studies, and understand the various norms, concepts and site

considerations. Go through proper literature study of such spaces. The students need to understand the various socio-cultural contexts and constraints to develop a detailed design brief. The students need to apply the research and concepts into a detailed design in the form of 2d and 3D drawings and visual representations.

CONTENT

Unit 1: Understand the topic with the help of case studies, literature studies and back ground research work of commercial spaces

Unit 2: Design development where the student conceptualises, ideates and executes the various aspects of the course. The students should be able to create mood boards, material and theme boards working drawings, sourcing etc.

Unit 3: The students should be able to produce presentation drawings, renderings, 3D modelling etc.

References

1. Linda O'Shea, The Interior Design Reference & Specification Book; Rockport Publishers; 2013
2. Interior Design; The New Freedom, BarbaralecDiamonstein, Rizzoli International Publications, New York, 1982.
3. Interior Colour by Design, Jonathan Poore, Rockport Publishers, 1994.
4. Chaudhari, S.N., (2006), interior design. Aavishkar publisher, Jaipur
5. Faulkner, R and Faulkner, S (1990), Inside Today's Home, Holt Rine Heart and Winston, London
6. Joseph De Chiara, Julius Panero, Martin Zelnik, (1992), Time Saver standards for interior design a space planning, McGraw Hill, New York
7. Prabhakar, L.V. (1998), Vasthu – The User‟s manual, The Avenue Press, Chennai.
8. Rao, C.H.G. (1995), Plants for small houses, Jai Ganesh offset Printers, Chennai.
9. http://www.wbdg.org/ccb/AF/AFDG/interior.pdf

SEMESTER –III

ID60013 BUILDING SERVICES-II

INTENT

The aim of this subject would be to make the students understand more advanced technical concepts, detailing, building components, services and estimation. The student should develop understand of the universal access systems and complex services needed in present day interior spaces.

CONTENT

Unit 1: Building Services: Universal Access Systems which include security systems, access systems, fire and safety systems, alarm system, Data and communication system

Unit 2: Bill of Quantities and Estimation of a Residential Project

References

1. Patil B S, “Civil Engineering Contracts and Estimates”, Orient Longman Publishers, 2015.
2. Dutta B N, “Estimating and Costing in Civil Engineering”, UBS Publishers Distributors Pvt. Ltd., New Delhi, 2014.
3. Mantri, Sandeep, “The A to Z of Practical Building Construction and its Management”, SatyaPrakashan, New Delhi, 2013.
4. Rangawala S C, “Estimating Costing and Valuation”, Charotar Publishing House, 2011.
5. Estimation by Dutta
6. Valuation by Roshan Namavati

ID62015 FURNITURE DESIGN

INTENT

This subject aims at making the students aware about various design and detailing methods of furniture design. The students are expected to design innovative and creative solutions of furniture and create the same in studio as a part of hands-on exercise. The students will learn to sketch, conceptualise, market survey, sourcing and material selection.

CONTENT

Unit 1: Furniture design theory, History of furniture design, Indian and international styles in furniture design

Unit 2: Market survey and documentation about trends, materials, sourcing, availability

Unit 3: Carpentry joints- Hands on exercise where students will make few joinery

Unit 4: Understanding furniture categories

Unit 5: Understanding design of storage systems: Kitchen Cabinets, wardrobes, showcases

Unit 6: Introduction to Ergonomics and anthropometry of furniture

Unit 6: Measured drawing of a piece of furniture and creating detailed drawings of the furniture

Unit 7: Furniture Design: Conceptualise, research and design a piece of furniture for Interior space

References

1. Stuart Lawson, “Furniture Design: An Introduction to Development, Materials and Manufacturing”, Laurence King Publishing, 2013
2. History of Interior Design and Furniture, from Ancient Egypt to nineteenth century Europe by Julie.L. Rabun.
3. The Atlas of early man by Hawkes by Jacquetta.
4. Bradley Quinn, Mid-Century Modern: Interiors, Furniture, Design Details, Conran Octopus Interiors, 2006.
5. Jim Postell, Furniture Design, Wiley Publishers, 2007
6. John.F.Pile, Interior Design, 2nd edition, illustrated, H.N.Abrams, 1995.
7. Robbie. G. Blakemore, History of Interior Design and Furniture: From Ancient Egypt toNineteenthCentury Europe, Wiley publishers, 2005.

ID69017 DESIGN EXPLORATION-EXCHANGE/ INTERNATIONAL STUDY PROGRAM

INTENT

The students will have the option of participating in an international design exploration workshop or similar workshop in the campus.

ID69019 PORTFOLIO DEVELOPMENT

INTENT

In this module the students will be introduced to the methods of portfolio development. They will use the learning to develop their portfolio. The students will be taught the composition\ presentation techniques as well as will help them to organise the work done till that semester as a part of their portfolio.

ID69021 INTERIOR STYLING

INTENT

In this module the students will be introduced stylising of the spaces to make the spaces more aesthetically appealing. The subject will focus on the soft furnishings, preparing a space for photoshoot, social media posts and events and create perfectly curated spaces. The students will learn the aspects of finishing a space after it has been designed.

CONTENT

Unit 1: Styling Methods and Techniques

Unit 2: Developing a brief and concept

Unit 3: Understand present trends of styling

Unit 4: Styling composition of a space

Unit 5: Styling using furniture, soft furnishings, floral and interior plants, paints, ornamentations, lighting etc

Unit 6: Photography for interior styling and social media

References

1. Maureen Mitton, Interior Design Visual Presentation: A Guide to graphics, models and presentation techniques, 3rd edition, Wiley publishers, 2007
2. Chaudhari, S.N; Interior Design, Aavishkar Publishers, Jaipur, India, 2006.
3. Hilliard, E.; Brilliant Colour at Home, Kyle Cathie Ltd., London, 2000.
4. International Design Year Book, 1995: Furniture, Lighting, Tableware, Textiles and Products, Books Nippan, 1996.
5. Laura Slack, what is product Design? Roto Vision Publishers, 2006
6. Pile F 1997 Colour in Interior Design, McGraw hill, New York.
7. Treens. C; David.V; Designers‟s Guide to Decorative Accessories, Prentice Hall, 2008.
8. Wyszecki. G and Stiles; Colour Science: Concepts and Methods,Wiley& Sons Inc., N.Y; 2000.
9. Clark, Anita V. Psychology of moods. Nova Publishers, 2005.
10. Eiseman, Leatrice, and Robert Hickey. Colors for your every mood. Capital Books, 1998.

ID69023 INTERIOR DESIGN LAB- III

INTENT

In this subject the students will be introduced to the design of a large Institutional Spaces such as college or school. The student will go through proper research of the given type of institutional space, study similar examples through case studies, and understand the various norms, concepts and site considerations. Go through proper literature study of such spaces. The students need to understand the various socio-cultural contexts and constraints to develop a detailed design brief. The students need to apply the research into a detailed design in thr form of 2d and 3D drawings and visual representations.

CONTENT

Unit 1: Understand the topic with the help of case studies, literature studies and back ground research work of commercial spaces

Unit 2: Design development where the student conceptualises, ideates and executes the various aspects of the course. The students should be able to create mood boards, material and theme boards working drawings, sourcing etc.

Unit 3: The students should be able to produce presentation drawings, renderings, 3D modelling etc.

References

1. Linda O'Shea, The Interior Design Reference & Specification Book; Rockport Publishers; 2013
2. Interior Design; The New Freedom, BarbaralecDiamonstein, Rizzoli International Publications, New York, 1982.
3. Interior Colour by Design, Jonathan Poore, Rockport Publishers, 1994.
4. Chaudhari, S.N., (2006), interior design. Aavishkar publisher, Jaipur
5. Faulkner, R and Faulkner, S (1990), Inside Today's Home, Holt Rine Heart and Winston, London
6. Joseph De Chiara, Julius Panero, Martin Zelnik, (1992), Time Saver standards for interior design a space planning, McGraw Hill, New York
7. Prabhakar, L.V. (1998), Vastu – The User's manual, The Avenue Press, Chennai.
8. Rao, C.H.G. (1995), Plants for small houses, Jai Ganesh offset Printers, Chennai.
9. http://www.wbdg.org/ccb/AF/AFDG/interior.pdf

SEMESTER –IV

ID60014 PROFESSIONAL PRACTICE

INTENT

This module primarily focusses on with the practical issues of being an Interior Designer professional and entrepreneur. The subject will touch upon the business fundamentals, development, procedure, management and control of projects, resource , contracts and professional ethics.

1. Understand global professional practice methods
2. Understand Ethics and its role in practice
3. Understand the profession and the role of the professionals involved in it
4. Understand the methodologies of an Interior design practice
5. How to start a practice
6. What are the various types of Interior Design based practices
7. Basic understanding of project procedures and practices including: client relations, scheduling, organization, written / oral communication.
8. Understanding the methods of establishing fees/ remunerations/ compensations
9. Understand various business formation types, its legal aspects for a successful practice
10. Requirements of setting up a professional practice
11. Job searching strategies, resume development, drafting a cover letter and creating a portfolio
12. How to create a business plan

References

1. Piotrowski, Christine. Professional Practice for Interior Design, Fifth Edition
2. Piotrowski, Christine. Problem Solving and Critical Thinking for Designers.

ID69016 SET DESIGN & VISUAL MERCHANDISING

INTENT

This subject aims at giving the students the basics of set design, concepts of branding, styling, visual merchandising. The students will learn basic visual and aesthetic principles for creating sets and VM. They will explore textiles, materials compositions, lighting, finishes and create a sample set in a group or at an individual level. The student will learn the basics of sourcing, presentation photography, editing etc to create a sample demonstration of their idea.

CONTENT

Unit1: Understand the basics visual merchandising, learn the basic typologies etc.

Unit 2: Understanding consumer behaiviour

Unit 3: Window display designs and trends

Unit 4: Understanding floor layouts and customer flow of retail spaces

Unit 5: Understanding product and accessory display, its principles, colour, lighting

Unit 6: Understanding the basics of Set Design

Unit 7: Learning photography for set designing

Unit 8: Set design/ styling project- Students need to choose a product and create a small set and photograph it and create a presentation of the product in the form of mock up advertisements. The exercise should allow the students to understand all aspects of creating a set design including installation, costume, planning, lighting and photography.

References

1. Store Design and Visual Merchandising by Claus Ebster & Marion Garaus
2. Fashion Retailing From Managing To Merchandising by Dimitri Koumbis, Shahrukh Khan
3. Visual Merchandising and Display: Best Practices for Window Displays and Store Designs (English, Paperback, Belli Silvia)
4. Silent Selling: Best Practices and Effective Strategies In Visual Merchandising by Judith Bell; Kate Ternus

ID68018 PROFESSIONAL TRAINING/WORKHOP

INTENT

Workshop 1- 4 weeks of design thinking/ material exploration/ styling exercise / software learning where the students are expected to create tangible outputs to showcase their understanding

Or

The students are expected to apply and join an Interior design or architectural office and understand the basics of professional work

ID67020 THESIS PROJECT

INTENT

In this subject, the student is expected to showcase a professional level design skills and detailing strength. The subject or design assignment should be in solving a large-scale interior space. The assignment will be self-driven under the guidance of a mentor and the student needs to be pro-active in fulfilling the deliverables. The purpose of the module is that the student undertakes a in-depth exploration in a topic of personal interest having relevance or potential for future academic and professional growth.

1. The course will aim at developing research attitude in the students
2. Develop independent handling of the project
3. The students need to showcase a scholarly inquiry into the project and present an analytical understanding of the topic and data collected in a structured report

PRE-THESIS SEMINAR/ SYNOPSIS

1. The students need to present a clear understanding of the topic they have chosen and provide relevant argument for the same
2. Through the synopsis the students will present the methodology of the research that they are planning to adopt for the thesis
3. The synopsis needs to be completed before the research work for the thesis starts and conducted in front of a set of eminent scholars of the field for providing proper guidance to the students

Deliverables

1. Synopsis Report / Sheets
2. Thesis Report
3. Graduation project design sheets