



ICAD

At,

ICAD

we create World Class Designers
of the future

Interior Design Courses

Diploma

Masters Diploma

Degree



Providers of

interior design courses

to suit all levels of study

The **ICAD** Course in Interior Design & Decoration is an in-depth and practical course that covers the of interior design and decoration - preparing you for a career in the industry. Any consultant working with interior spaces must have the skill and ability to select appropriate colour and style details, as this is the only way to create interior schemes that are visually attractive and coherent. To do this effectively, you need to have a thorough understanding of the elements of style and design, so that you can successfully deconstruct and reconstruct any style effectively, making changes and adaptations to reflect the individual preferences of your client. Developing these skills play a significant part in this course, however the program goes beyond mere interior decoration; teaching you the of professional interior design by planning interior layouts, designing soft-furnishings and lighting schemes, and learning how to communicate your ideas professionally to both clients and contractors etc...

After successfully completion of this course you will be able to provide clients with design solutions that are as practical as they are visually pleasing, and you will have sufficient skills and knowledge to implement your changes successfully. The following pages will give you a broad overview of what you will learn...



This course has given me
the confidence
to seize
every opportunity
that comes
before me!”

“I am finally
working
doing something
I love

I highly
recommend it”

Former I CAD Student



It has been said that colour is the most valuable tool a designer has at their disposal, and the inability to use colour successfully is a major reason for failure in many areas of design. Whether you are working with cheap paint or expensive Italian marble, achieving the right colour balance is central to the success of any interior design scheme. If the colours you select are clashing the effect will most likely be cheap and garish, and when a client is paying you to design colour schemes, this is one area you simply cannot afford to get wrong!

Although society greatly admires those who are “naturally” creative with colour, the ability to use colour is a skill that everyone can learn and there are simple (yet powerful) tools and techniques that successful designers use to create winning colour combinations time and time again. In this section of the course, you will explore the most important aspects of colour and how to apply it in the interior. In particular, the following topics are covered in great depth:

- **Colour Science** - what exactly is colour; the relationship between colour and light
- **Colour Theory** - the natural laws of colour and how to use them
- **Successful Colour Combinations** - how to make any colour look good (so that you can work with any colour successfully)
- **Colour Characteristics** - using colour to disguise, emphasise and create illusions in your interior schemes
- **Colour Notation** - understanding the language of colour so you can communicate your design decisions with knowledge and confidence
- **Colour Psychology** - how and why colours affect our emotions, and the importance of colour psychology to you as an Interior Designer!

Style & Design

Interiors is transient, changing with each new season, whereas real style is timeless, and its enduring quality is testimony to the skill of the designer that creates it. It can be quite a balancing act to create a scheme that has lasting appeal, without looking dated or passé, and even more so when you are creating a style that is not to your own personal taste. Yet, successful designers must be able to design practical and visually stunning interiors in a variety of styles that echo the personality of their clients rather than the designer...

The key to success is understanding what exactly it is that makes a “style”, and this section of the course will help you to “train your eye” so that you can objectively assess any style and use the main elements as a foundation on which to build a new, unique design; one that reflects the tastes and individual ideals of your clients. Topics include:

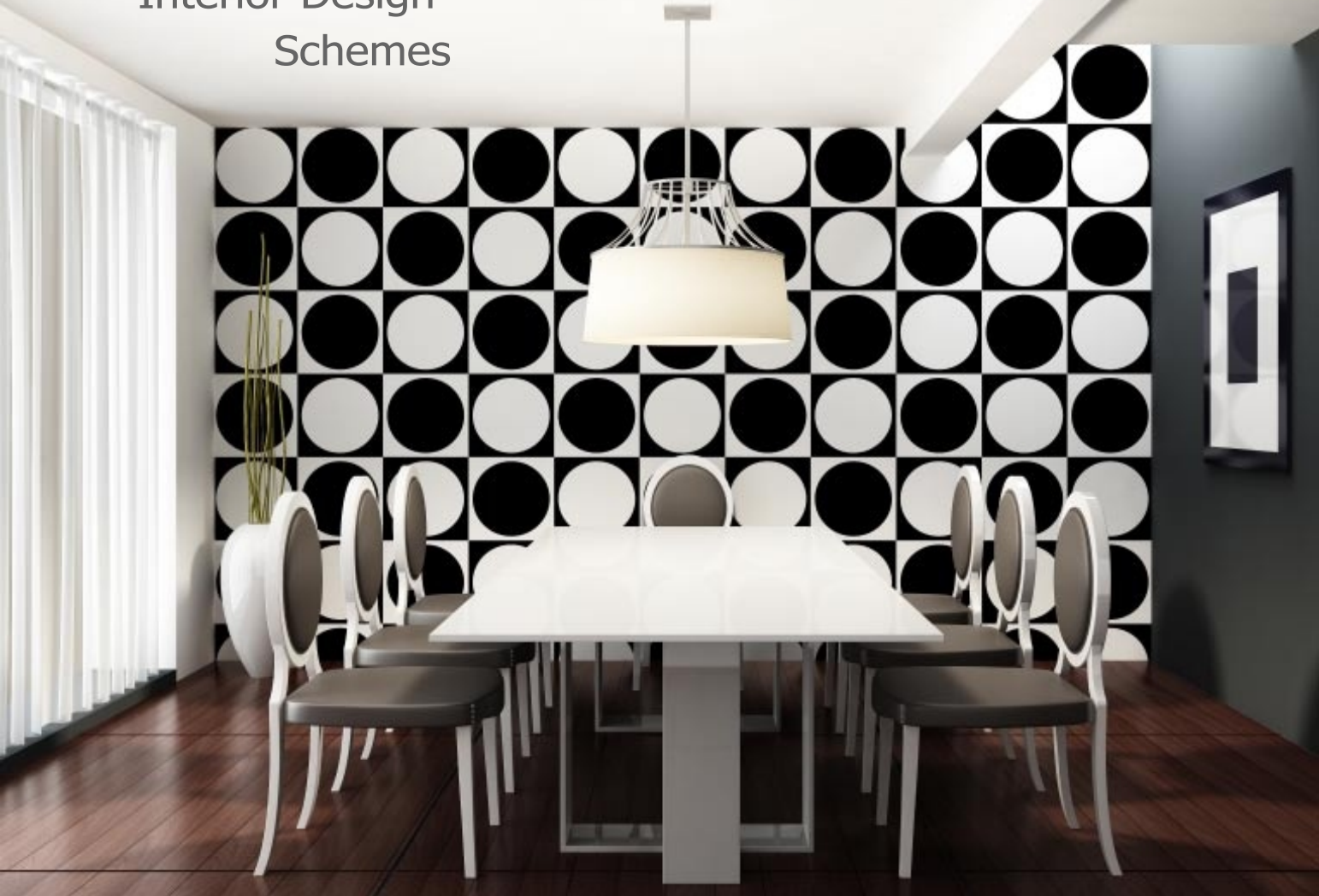
- **What Makes a Style?** - how to analyse and identify the key elements of a variety of styles
- **Categories of Style** - major design styles around the world
- **Eclecticism in Design** - beyond style, designing for the individual client
- **The Elements & Principles of Design** - the building blocks of design and how to use them successfully in interiors (Shape & Form, pattern & texture, rhythm & harmony etc...)
- **Achieving Visual Balance** - symmetry, asymmetry and radial balance
- **Designing with Space** - planning space effectively & Open-Plan living
- **Accessories & Finishing Touches** - using decorative details to create a design that is individual and up-to-the-minute.

“Every lesson
gave me
something!”

- Former I CAD Student



Develop **coherent**
Interior Design
Schemes



Surface Finishes

Walls, floors and ceilings are naturally the largest surface areas in any room, and the finishes we choose for these surfaces are an extremely important aspect of the overall design. With more choices available than ever before, it can be exciting to think about all the decorating possibilities, yet practical issues must be considered if a design is to stand up to everyday wear and tear.

Well planned interiors balance creativity with practicality, by incorporating suitable materials and storage facilities so that clients can enjoy their homes without excessive strain maintaining a “designer show-home”. This section of the course examines the main products available for our interior surfaces, and reveals the advantages and disadvantages of each, so you can design for function as well as aesthetics.

- **Walls, Ceilings & Work Surfaces**- a complete look of the options available and how specialist preparation and installation techniques can impact your design choices short and long-term.
- **Flooring Choices** - this area receives the most wear, so designers must be familiar with the options available in soft, hard & semi-hard flooring and the practical implications.
- **Paints & Wallpapers** - these play a major role in residential interiors, and are examined in depth with guides for calculating requirements
- **Specialist Decorative Finishes** - using murals, trompe l'oeil and faux finishes to achieve dramatic and unique interiors
- **Kitchen & Bathroom Design** - planning space efficiently and the kitchen “Work Triangle”
- **Storage** - maximising space for improved living
- **Practical Planning** - creating an Order of Work and logical work flow pattern
- **Creating Your Design** - analysing client requirements

Curtains & Soft Furnishings

Windows determine the view and amount of natural light that enters a room, and the method of fitting and hanging a window treatment can be just as important as the treatment itself. In addition to this, the designer should remember that successful window dressing is as much about framing the view outside, as it is about adding style to the inside, so there are clearly a number of considerations to take into account. Curtains and soft furnishings are investment purchases, and mistakes are costly in more ways than one - but a clear understanding and knowledge of how curtains are made and fitted will help you to avoid unnecessary mistakes. Furthermore, you will be able to see how simple techniques can be used to achieve an interior that is co-ordinated without appearing predictable or contrived.

In order to design window treatments and soft furnishings successfully, you must have a full understanding of fabric and soft furnishing construction. These are covered in full in this module, as well as the following:

- **Curtain Headings, Edges and Bodies** - how you can vary an individual element to create curtain designs that are individual and easy for any curtain maker to achieve
- **Pelmets & Valances** - various styles and how they can be adapted
- **Choosing Fabrics** - practical considerations and pitfalls to avoid
- **Poles, Tracks & Accessories** - how to choose the right one
- **Readymade Curtains & Soft Furnishings** - when and how to use them successfully
- **Ways of Using Fabric Around the Home** - tables, beds, upholstery and “tenting” effects



Be inspired...



*"I CAD Academy of Design
helped me towards my
goal by giving me
the opportunity
to learn and
improve skills on
a large spectrum
of subjects!"*

- Former I CAD Student

Lighting

Lighting is not just an obvious necessity, it can be skillfully used to draw attention to decorative details and it is a wonderful way to create mood and atmosphere. Recent studies have shown that well-designed lighting systems enhance our health and well-being and homeowners and businesses alike can benefit greatly from an improved lighting design. However, successful lighting schemes must be planned at the beginning of a design project - so that wiring can be installed before decorating begins...

This module takes a practical approach to lighting, and you will learn about the different types of lighting (such as ambient, task and decorative...) and the fundamentals of lighting design in relation to residential interiors. All too often, our homes lack quality lighting systems because of improper planning, and retro-fitting is simply impractical after expensive decoration has been carried out. After you have completed this section of the Diploma course, you will have the knowledge to incorporate lighting into your total interior scheme successfully and you will have the tools to communicate professionally with architects and electricians. Topics covered include:

- **Natural Lighting** - how to make the most of natural lighting with glass and mirrors
- **Artificial Lighting** - various lighting effects & how to achieve them
- **Quality of Light** - the right way to choose bulbs & light fittings
- **Adaptation Levels** - choosing appropriate light levels for specific requirements
- **The Technicalities of Lighting** - what's relevant and what's not in residential interiors
- **Switches & Wiring** - practical issues and safety considerations
- **Electrical Plans & Specifications** - how to create clear instructions for general contractors and electricians

Professional Practice & Presentation

Most successful Interior Designers are confident in their designs and they avoid expensive mistakes because they know how the end result will look before they have even begun. Once they have decided on an appropriate style and colour scheme, they can envision each step of the design process in their mind's eye to ensure success and then they communicate their design ideas effectively through plans, specifications and mood boards. Interior designers are expected to create interior spaces that are as practical as they are visually stunning. However, for many designers, the real challenge lies in communicating their design ideas effectively and professionally to two completely different audiences - namely clients and contractors...

Scaled drawings and mood boards are an important part of every designer's work, not least because they will give you the chance to experiment with various layouts and design options before making any decisions, helping you to avoid problems and expensive mistakes before they occur. They are also valuable communication tools, and this section of the course will show you how to create impressive presentations that will help to sell your ideas and illustrate your ability as a Professional Interior Designer. The following topics are covered in this module:

- **Design Preliminaries** - meeting your client and defining design requirements
- **Visual Communication** - using mood and sample boards to help clients “see” your design ideas
- **Surveying** - how to measure a room and record relevant details
- **Creating Scaled Drawings** - (the international language of professional designers) step-by-step diagrams will show you how to produce detailed plans and elevations to a professional standard
- **Design Briefs and Specifications** - presenting your design ideas effectively and with clear instructions for contractors
- **Contracts & Paperwork** - professional dealings with clients, suppliers and contractors
- **Pricing your Services** - how and what should you charge a client?



Bring your ideas to life



appreciate **the past**
to **design** the future

Design History & Period Décor

Throughout your design career, there may be many times when you are asked to recreate period interiors to various degrees of authenticity. Familiarity with historical styles and the “movers and shakers” of the design world is obviously important, and you should also be able to carry out investigative research and critical analysis of design styles when required.

In this module you will review the main historical events and their influence on design developments and movements. Topics covered include:

- **Critical Analysis** - exploring how social & political circumstances influence the design
- **Early Design Styles** - from Egyptian to Rococo
- **Turning Points in History** - how the past has influenced the way we live, contributing to the greatest shifts in design (The Dark Ages, Renaissance, The Industrial Revolution & The Information Age)
- **Global Design Styles** - looking at western and non-western design styles and understanding how and why regional variations developed over time
- **Review of Design Styles Throughout the Ages** - from Baroque to Neo-Classical and the Victorian age onwards
- **Modernism** - International Style and the regional styles of the 21st Century

Construction & Renovation

One of the main differences between an Interior Designer and an Interior Architect, is that Interior Architects are trained to work with the internal structure of a building, manipulating space and internal partitions to effect maximum design impact on any building interior. As an Interior Architect, you should be able to work with a newly built concrete shell and transform it into a restaurant, a real-estate office or a hair salon, and to do that properly you need to understand the fundamentals of construction and building design. This section of the course explores building construction in detail from the Interior Architect's perspective, so that you can communicate knowledgably with contractors and architects and that you can basically gut and rebuild almost any structure to your own vision or design.

- **The Principles of Building Design** - understanding the how and why of building construction from foundations to roofs
- **Renovating Existing Interiors** - how to make major structural alterations to an existing building and meet building & legal requirements
- **Planning Building Layouts** - planning commercial layouts and internal partitioning structures
- **Stairs & Disabled Access** - designing stairs & disabled access for commercial interiors
- **Building Services** - planning for Electrics, Plumbing and HVAC (Heating, Ventilation & Air Conditioning) and specifying according to the order of work
- **Lighting & Security** - designing commercial lighting systems, and meeting regulations (emergency lighting & security systems)
- **Whole Building Design** - planning building interiors so that systems, layouts and finishes work together in synchronization to increase quality of life for the occupants



“The skills I learnt
helped me to secure my place in

the industry
and I think anyone can do it!”
Former I CAD Student

watch your
vision take shape



Design Communication

As the scale of your projects become larger, budgets and expectations also increase proportionately and it's even more important to communicate your ideas effectively. Drawings cross language barriers and can be used to illustrate your ideas professionally at the early stages of a project, so that you can get feedback and approval before expensive construction begins...

It should be noted that designers do not need (or necessarily want) to become artists, so this module teaches specialist techniques to produce professional drawings relatively quickly. You will also learn how to produce clear specifications and agreements for contractors to ensure the job is executed correctly, avoiding disappointment and expensive mistakes.

(Please Note: All the drawings used in this prospectus have been produced by former students by hand, and are typical examples of the standards achieved).

- **Advanced Drawing Techniques** - techniques to help you achieve clarity & accuracy in your working drawings
- **Detail Drawings** - communicating construction and installation methods through detailed drawings
- **Reproduction Methods** - recommendations for printing working and presentation drawings (including paper types & sizes...)
- **Specifications & Design Briefs** - templates for clear specifications and contractors' schedules
- **3-Dimensional Representations** - step-by-step instructions for creating detailed Axonometric & Perspective Drawings
- **Rendering** - specialist techniques to produce visually stunning drawings with maximum impact and minimum effort

Design Materials & Furnishings

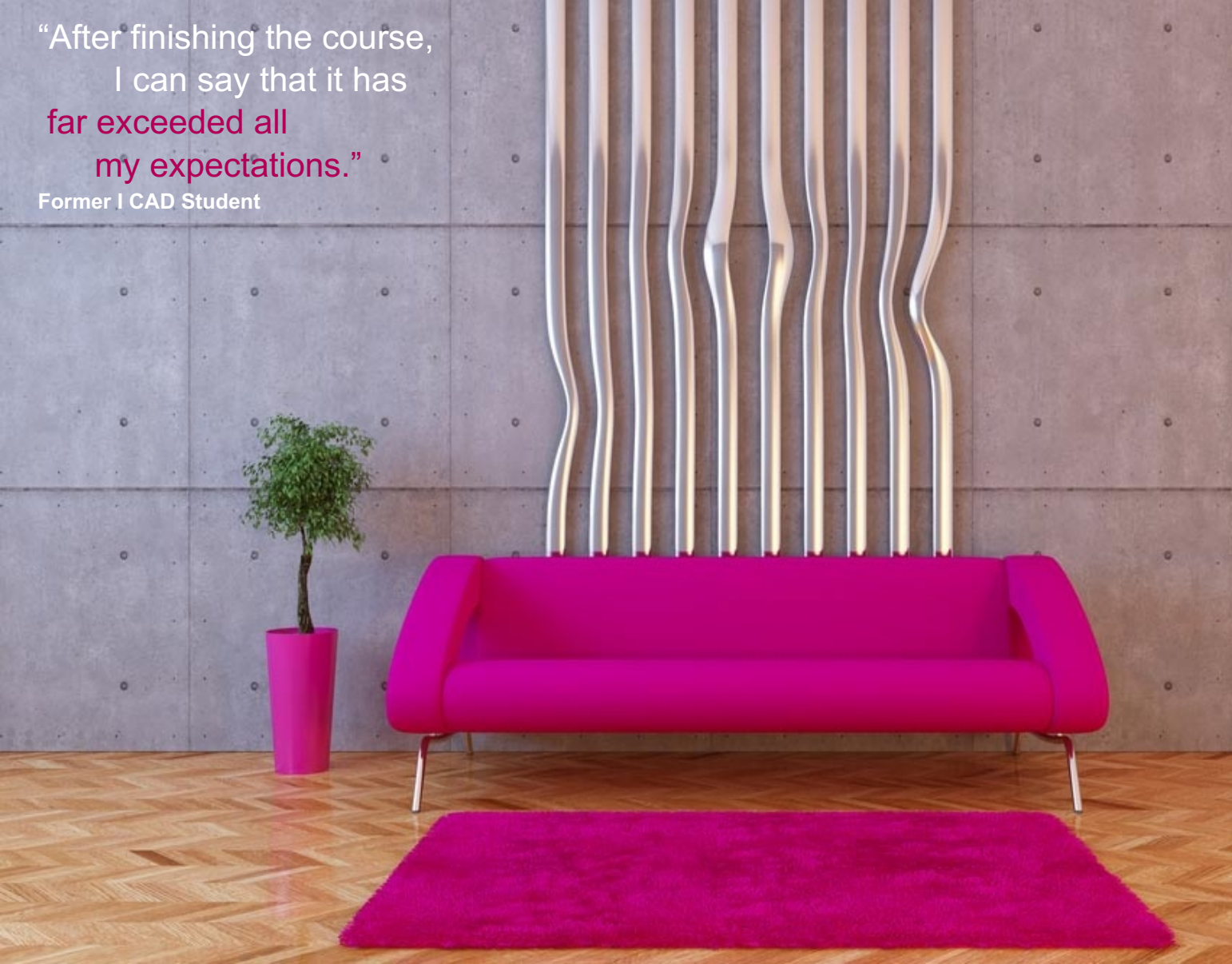
Interior Architects are often involved in structural design and they have a much wider choice in terms of the materials available and how they can be incorporated within a design. Creative and functional characteristics are a major consideration when selecting materials, and there are other important factors including economic and environmental issues...


Whether you decide to use stainless steel, glass blocks, concrete or marble, this module will examine the main types of materials available and analyse their relative advantages and disadvantages. In addition to seeing how these materials can be used creatively, you will also investigate industry standards and technical specifications to ensure your designs are effective and comply with regulations. Topics covered in this module include the following:

- **Designing for the Environment** - what is “green design” and how our design choices impact the environment
- **Consumer Response** - analysing beliefs and psychological associations to specific materials
- **Working & Design Methods** - how production, installation and maintenance factors influence your design decisions
- **Cost Vs Performance** - determining the long-term suitability of products and materials
- **Mass Production & Bespoke Design** - how the scale of projects and consumer demand influence design approaches
- **Regulations & Standards** - selecting materials that conform to legal and ethical standards

“After finishing the course,
I can say that it has
far exceeded all
my expectations.”

Former I CAD Student





"Empowering yourself to
follow your passion
is priceless.....

I am feeling both aligned
and confident with
my career direction now"

Former I CAD Student

Commercial Design

To be truly effective in the commercial design arena, you should understand how corporate identity and other key business strategies can be used to complement your design expertise; so that you can help clients to choose a style and image, which is appropriate for their business. Long-term, the interior environments you create will impact on your clients' staff, their customers, and ultimately their business profits, and with tight deadlines and high budgets you need to get it right first time...

The commercial design cycle has several stages, and this module identifies them so that you can produce effective results for yourself and your clients without compromising your creativity. You will also review the latest research in neuroscience and architecture, and analyse how this knowledge can be incorporated to create more beneficial designs. Topics covered include:

- **Ergonomics & Universal Design** - creating effective designs for the wider community and the individual
- **Business & Design Psychology** - the hard facts about what works and WHY
- **Designing for Industry** - identifying the various sectors and common design requirements
- **Establishing goals** - what are your clients' goals and how can your designs help to achieve them?
- **Commercial Design Cycle** - a proven method for working effectively on medium and large-scale projects
- **Working as a Team** - identifying your role, establishing authority and co-ordinating with other team members
- **Effective Selling** - creating designs that help to sell your clients' products or services (and yours in return!)

Professional Practice

Interior Architects are often responsible for detailed planning and implementation of projects, which requires organising and scheduling techniques and project management skills. This module teaches you those important techniques in the context within which they will be used and contains clear examples and templates that have been specifically designed for your long-term use. Furthermore, this section of the course examines the many avenues available for your talents so that whether you decide to become an employee or an employer, you will have the knowledge to market yourself as a professional and start out confidently on your new career path.

Defining Your Role - a close look at turnkey design & identifying the design services YOU want to offer?

- **Project Management** - effective techniques and templates for designers including schedules, work orders and time management
- **Budgeting** - how to prepare a budget and plan effectively to prevent cost growth
- **Monitoring Projects** - overseeing successful design execution with progress reports and amendments
- **Marketing for Designers** - simple research techniques to help you find clients, SWOT analysis and the marketing mix
- **Contracts and Pricing Strategies** - using documents and agreements to protect you and your client
- **Professional Responsibilities** - meeting legal and ethical obligations, establishing a code of ethics...
- **Career Paths** - what are the options available to you...?
- **Effective Presentations** - techniques for presenting yourself & your portfolio to a variety of different audiences...
- **Building Contacts & Resources** - how to build a core team of suppliers and contractors

Vastu

VASTU

Course content

Introduction to vastu

History of Vastu , Scientific approach to vastu, Therotical approach to vastu.

Basic of Vastu and directions .

Directions and corners, Use of magnetic compass, Various entries, levels & weight, open space and balconies..
Inclination and its measurements, extension and cut in plots, locations.

Practical Vastu

Puja room, bedroom, kitchen, children room, store, De cluttering, study room, commercial and Industrial units.

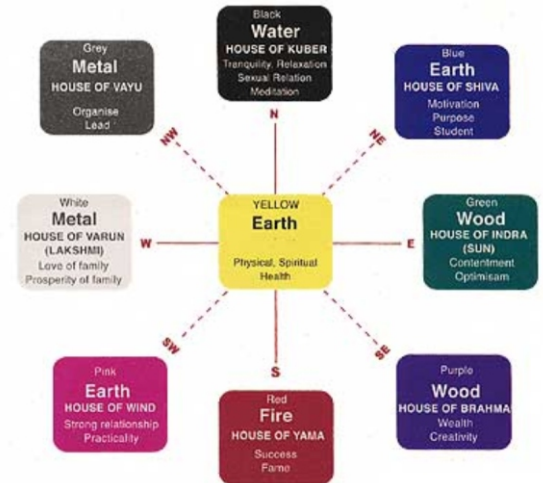
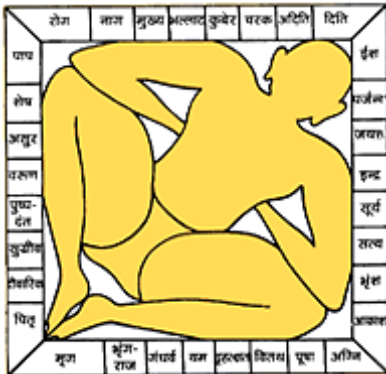
Tools and devices

Vastu energy enhancing tools and devices, effects of good and bad vastu.

Tips for enhancing energy in the vastu

Practical Exposure

Case Study



Visual Merchandising

VISUAL MERCHANDISING

Visual Merchandising is the activity of maximising the impact of Retail Display space and has become an important element in retailing.

Visual Merchandisers create displays using colour, lighting, space, product information, sensory inputs such as smell, touch, and sound as well as technologies such as digital displays and interactive installations.

This course will enable students to identify, select and pursue their career opportunities in the retail industry.

The retail sector is a major employer and requires skilled staff in a range of jobs such as: Shop Floor Planning and Display, Window Display, Sales, Buying, Staff Management

Course Objectives

This practical course aims to give participants a solid understanding of the skills required to maximise the impact of any retail display space. The programme is intended for those working in the Retail Sector and for those considering a career in Visual Merchandising.



Exhibition Design

EXHIBITION DESIGN

Exhibition designers design exhibitions and display stands for events ranging from large public exhibitions such as the **Ideal Home Show to conferences and exhibitions for trade and industry or temporary displays**

for businesses, museums, libraries and galleries.

Designers present their ideas in sketches, scale plans, computer-generated visuals and models for discussion with the client. Once these are agreed they produce final specifications.

Exhibition Designer Related Skills

To work as a designer you need:

- design and artistic skills
- the ability to think creatively and laterally
- computer aided design experience
- the ability to work to tight deadlines
- good communication skills
- the ability to use computer aided design packages
- numerical skills
- teamworking ability.

Exhibition Designer Career Opportunities

As an exhibition designer you might be employed as part of a team by an independent studio. Other employers include national and local government, and large organisations such as museums with their own design departments. There is a steady demand for the services of talented and experienced professionals.

Promotion to team leader or partner may be possible with a successful record of work. Many designers work freelance and need to build up contacts and reputation in order to be successful.

COMPUTER Aided DESIGN (CAD)

COMPUTER Aided DESIGN (CAD) application For Interior Designers *

In today's world of accelerating change & improvement Interior designers and architect have to use tools that can enhance their over all productivity and quality to achieve their goals., Even before the foundation is put into place and before the maiden crease of paint is splashed onto the walls of a would-be structure, a whole dream structure can be created. You could create a vivid walkthrough of a construction that until now has existed only in your imagination. Thus, this course is a specially designed course that will empower you to create your dream down to the last detail replete with furnishings.

Course Content: Creating 2D/3D drawings, perspectives, elevations, layouts, plans, views, photo realistic images, walkthroughs, flythroughs, models, etc.

Applications: To equip interior designers with ability to create any kind of digital design.

Softwares :

Auto CAD (2D-3D),
Adobe Photoshop,
Autodesk 3ds Max,

Autodesk Revit,
Rhino,
Corel DRAW.

Vray,



Interior Design & CAD
workshops



Develop the skills to
realise your designs

“No Matter, who you are,
where you are...
...What your previous experience
or how much available time you have...
You can change your life”

Founder of I CAD





Making Design Education
accessible to all with
passion



“The constant feedback & encouragement from *I CAD Academy of Design* was fantastic and **I can’t believe what I have achieved”**

Former *I CAD* Student

BE A WORLD CLASS INTERIOR DESIGNER FROM **I CAD**

Interior designing has become much sought after career today. There has been a huge rise in demand for interior designers in recent times. Today, everyone wants a functional dwelling place, which also looks good. At the same time, space comes at a premium and it must be designed well so that maximum functions can be done from constructed quarter. What we need to today is an acute need to professionally trained world class interior designers.

Why INTERIOR DESIGN from I CAD

- Ø *Latest world class international curriculum with computer aided design.*
- Ø *Globally & Indian govt. Recognized DEGREE or DIPLOMAS.*
- Ø *100% Practical study with live projects by senior designer.*
- Ø *Training in Design Studio environment.*
- Ø *Part time/ Full time courses.*
- Ø *Placement/internship assistance.*

The I CAD Course in Interior Design & Decoration is an **in-depth** and **practical** course that covers the of interior design and decoration - preparing you for a career in the industry. Any consultant working with interior spaces must have the skill and ability to select appropriate colour and style details, as this is the only way to create interior schemes that are visually attractive and coherent. To do this effectively, you need to have a thorough understanding of the elements of style and design, so that you can successfully deconstruct and reconstruct any style effectively, making changes and adaptations to reflect the individual preferences of your client. Developing these skills play a significant part in this course, however the program goes beyond mere interior decoration; teaching you the of professional interior design by planning interior layouts, designing

soft-furnishings and lighting schemes, and learning how to communicate your ideas professionally to both clients and contractors etc...On successful completion of this course you will be able to provide clients with design solutions that are as practical as they are visually pleasing, and you will have sufficient skills and knowledge to implement your changes successfully..

Our courses are based on **latest international curriculum** conducted in **small batches** in **design studio environment** ..you can do it **part time or full time**.

Our training style is on personalized basis by very senior industry faculty's . We not only make you world class designer but also assist you with **internship / placement** assistance.

A good interior designer has to manage people, budgets and client relationships—all while designing spaces that are attractive, functional, and meet building and safety codes. Professionals in an interior design career need organizational skills and business know-how. So it's not surprising that getting an interior design degree is quickly becoming essential for those wishing to enter the interior design job market. A degree is also a licensure requirement in many places.

I CAD makes you Earn **.GLOBALLY Recognized DIPLOMA /graduate DEGREE /post graduate DEGREE Recognized By indian govt. University Grant Commission (UGC), Recognized By Distance Education Council(DEC) and Joint Committee of UGC-AICTE-DEC from reputed universities .**

These DEGREES /DIPLOMAS are valid for jobs in the Private/Govt./Public Sector and are Companies/organizations recognized by other institutions of higher education in India and abroad.

OBJECTIVES

- To equip the students with the knowledge on elements and principles of Interior Design
- To get insight into variety of furniture, lighting, furnishings suitable for the interiors
- To become aware of various services in an interiors
- To train in the selection of appropriate materials for different surfaces
- To impart skill in drawing ergonomically fit interior schemes for residential and commercial buildings
- To learn computer interface in interior designing

- To develop professionalism in becoming an interior designer.

SKILLS TO BE PROVIDED

- Designing aesthetic sense and good taste
- Judgement in selecting various material required for interior designing
- Experience in scale drawing and presentation techniques of interiors
- Developing hands on experience in use of computers for interior designing
- Professional practice.

EMPLOYMENT OPPORTUNITIES

- Interior designing firms
- Construction companies
- In-house designers in Government and Non-Government offices
- Hospitals, Schools,hotels.malls, Residential and Commercial buildings.
- Window designers
- Accessory designer
- Event designer
- Spatial designer

SELF-EMPLOYMENT OPPORTUNITIES

- Renovation and remodeling of interiors
- Interior Designer accessories
- Residential window designers
- Design consultants
- Commercial or residential interior designers
- Estimators for interior designing

Here is our WORLD CLASS INTERIOR DESIGN COURSES

MASTERS DIPLOMA in INTERIOR DESIGN – 2 YEARS

1. FREE HAND DRAWING AND DRAFTING
2. STYLE AND DESIGN
3. COLOUR CONSULTANCY
4. LIGHTING - 2
5. CONSTRUCTION – PART 2
6. DESIGN HISTORY AND PERIOD DÉCOR
7. VASTU
8. MATERIALS AND FURNISHING -PART 2
9. SURVEY OF RELATED COMMERCIAL PROJECTS
10. BUDGET AND COSTING
11. CADD APPLICATION IN INTERIOR DESIGN*
12. VISUAL MERCHANDISING AND EXHIBITION DESIGN
13. LIVE FURNITURE (EXHIBITION)
14. PROFESSIONAL PRACTISE

COMMERCIAL INTERIORS – 6 MONTHS

1. COMMERCIAL SPACE PLANNING
2. FACTORS INFLUENCING COMMERCIAL SPACE PLANNING
3. MARKET SURVEY OF RELATED TOPICS
4. COLOUR AND LIGHTING
5. PROJECT MANAGEMENT

DIPLOMA in INTERIOR DESIGN – 1 YEAR

1. FREE HAND DRAWING AND DRAFTING
2. STYLE AND DESIGN
3. COLOUR CONSULTANCY
4. LIGHTING - 1
5. MATERIALS AND FURNISHING
6. MARKET SURVEY OF RELATED TOPICS
7. BUDGET AND COSTING
8. CADD APPLICATION IN INTERIOR DESIGN *
9. CONSTRUCTION – PART 1

RESIDENTIAL INTERIORS – 6 MONTHS

1. RESIDENTIAL SPACE PLANNING
2. FACTORS INFLUENCING RESIDENTIAL SPACE PLANNING
3. MARKET SURVEY OF RELATED TOPICS
4. BASIC OF COLOUR AND LIGHTING
5. PROJECT MANAGEMENT

***to be taken separately**

Here is our WORLD CLASS INTERIOR DESIGN DEGREE COURSES

I CAD makes you Earn .GLOBALLY Recognized DIPLOMA /graduate DEGREE /post graduate DEGREE Recognized By indian govt. University Grant Commission (UGC), Recognized By Distance Education Council(DEC) and Joint Committee of UGC-AICTE-DEC from reputed universities .

These DEGREES /DIPLOMAS are valid for jobs in the Private/Govt./Public Sector and are Companies/organizations recognized by other institutions of higher education in India and abroad.

I CAD interior design course content is 100 percent practical oriented ,comprehensive and intensive of its kind. Students will get exposure to real-live projects.. Taught by experienced instructors in who are working interior designers . OUR batch size is only 6-8 students per batch. Individual training to students and careful analysis of all student views is an *I CAD* policy and we take pride in our course curriculum which is update to reflect industry development by an active advisory board consisting of top notch professional designers. After successful completion of the course the student will graduate with a Diploma/Degree and freshly produced portfolio of their own work on .

BACHELOR OF ARTS IN INTERIOR DESIGN (BAID)

YEAR I

CODE	SUBJECT	CREDIT
BAID11	Principles of Interior Design	5
BAID12	Basics of Drawing and Graphics	5
BAID13	Elements of Material	5
BAID14	Construction Techniques	5
BAID15P	Practical-Basics of Drawing and Graphics	6
BAID16P	Practical-Construction Techniques	6
TOTAL		32

YEAR II

CODE	SUBJECT	CREDIT
BAID21	Art & Architecture History	5
BAID22	Interior Furnishing	5
BAID23	Life Space Planning	5
BAID24	Interior and Exterior Treatments	5
BAID25P	Practical-Life Space Planning	6
BAID26P	Project- Interior Design Studio	7
TOTAL		33

YEAR III

CODE	SUBJECT	CREDIT
BAID31	Entrepreneurship Development	5
BAID32	Computer Aided Design	5
BAID33P	Practical-Computer Aided Design	6
BAID34P	Portfolio Development - Project Work and Viva Voce	15
TOTAL		31

Detailed Syllabus

YEAR I

BAID11 --- Principles of Interior Design

Unit 1: Introduction: Lettering and scales, fundamentals interior designing interior design industry, interior design concepts, difference in architects, interior designers and decorators, skills needed to become an interior designer, the aims of this course, how to do the course, what skills do you need?, assessing your strengths and weaknesses, interior designing as a profession, interior design employment, Measurements

Unit 2: Designing Concept: Drawing media and equipments- pencil shading, drawing pens, black lead pencils, Shading techniques and different media, How to shade in drawing, shading of human figures.

Unit 3: Basic Of Design: Elements Of Design: Point-nothingness of the point-things comes out of nothing, Line-definition- types of lines Shapes- definition- types of shapes, Form- form and shapes, texture Space, color, pattern. **Principles of Design:** Balance- classification of balance - symmetrical/asymmetrical, Proportion, Rhythm- methods of rhythm, Emphasis- principles of emphasis, Harmony-principles of harmony.

Reference Book:

1. Interior Design Course by Tomris Tangaz.
2. The Decoration of Houses by Edith Wharton, Ogden Codman.

BAID12 --- Basics of Drawing and Graphics

Unit 1: Introduction/ drawing equipments/ sheet

Introduction

T-square and set square

Scales -types and use

French curves

Drawing sheet

Sheet layout

Sheet sizes

Unit 2: Lines, lettering and dimensioning

Lines - Types of lines and line thickness

Lettering

Single stroke letter

Gothic lettering

Dimensioning: Types of dimensioning, Different types of dimensioning line

Unit 3: Geometrical figures

BAID13 --- Elements of Material

Unit 1: Elements of Material – Building Material – Types and Uses: Clay Product, Stone, Brick, Cement, Mortar, Concrete, Timber, Plywood and related product, Plastics.

Unit 2: Elements of Material –II: Glass, Paints and Varnish, Ferrous and Non Ferrous, Gypsum and related product.

Unit 3: Structure of Building: Different part of building, Introduction to RCC & load bearing structure, Carpentry Joints, Introduction to various carpentry joints & use.

Unit 4: Doors & Windows: Different types of door & window, its part & materials. Its application.

Unit 5: Partitions: Exercise on fully paneled, partly paneled partitions, Different types, material, its detailing & application.

Unit 6: Flooring: Introduction of various flooring material, Method of fixing, Uses in Interior, Composition of flooring pattern, Ceiling, Different types of ceiling, P.O.P. ceiling in detail, Electric fittings in P.O.P.

Unit 7: Staircase: Types, Material, different technical terms, Designing of wooden staircase, railing, Total Min No Of Sheets.

Reference Book:

1. Elements Of Material by Van Vlack.
2. Elements of Materials by Lawrence H. Van Vlack.

BAID14 --- Construction Techniques

Unit 1: Basic idea of Construction; Basic requirement of a Building; Basic Component, function and their requirement; Classification of Building; Types of Foundation.

Unit 2: Masonry Construction, Walls and Lintels; Brick Masonry: Tool of Brick Laying, Types of Bond; Stone Masonry: Classification of Stone Masonry; Floor and Floor Finishes; Door and Window; False Ceiling; Partition; Paneling; Staircase; Arches.

Unit 3: Partition wall, introduction, advantages, requirements for good partition wall, types of partition walls, importance, brick partitions, clay block partitions, Glass block partitions, straw board partitions,

Hollow block partitions, Concrete partitions, wooden partitions, plaster slab partitions, asbestos cement

Unit 4: A good staircase, introduction, definition, requirements of a good staircase.

Unit 5: Classification of stairs, types of stairs, straight stairs, Quarter turn stairs, half turn stairs, three quarters turn stairs, Circular stairs, spiral stairs, curved stairs,

Unit 6: Introduction - construction of steps - handrail - head room - cup board, Under stair

Unit 7: Door, special doors, sliding doors, sliding folding door, Shutter doors, revolving doors,

Unit 8: Steel plated doors, metal covered play wood doors, Corrugated steel,

Unit 9: Doors, swinging doors, Doors in combination with windows,

Unit 10: Ventilations, swing doors, Window, bay window, cable window, sky light, north light

Reference Books:

1. Construction—techniques by Glenn E. Baker.
2. Materiality and Interior Construction by James (Jim) C Postell, Nancy Gesimondo

YEAR II

BAID21 --- Art & Architecture History

Unit 1: Primitive beginning – (Stone Age to Neolithic)

Unit 2: Birth of civilization – (Asia minor, Egyptian, Mesopotamian)

Unit 3: Indian Context (Indus Valley Civilization, Aryan Civilization,

Unit 4: Hindu Architecture – Temples, Khajurao)

Unit 5: History of Art

Unit 6: Indian art from pre-historic-renaissance

Unit 7: Contemporary art in India

Unit 8: Presentation on the works of : Rabindra Nath Tagore, Nand Lal Bose, Amrita Sher Gill, M.F. Hussain, Satish Gujral.

Reference Book:

1. A History of Interior Design by John F. Pile.
2. Interior Design by Jenny Gibbs.

BAID22 --- Interior Furnishing

Unit 1: Ceiling Treatment, False Ceiling

Unit 2: Walls-Wall Treatment

Unit 3: Door and Windows – Simple and Designer

Unit 4: Flooring: Types, Use and Rates

Unit 5: Furnishing of Residence and Office

Unit 6: Furnishing using Accessories

Unit 7: Wall Treatment of Residence and Offices

Unit 8: Importance of Lighting

Unit 9: Layout of wiring – selection- safety – aesthetics, Electric and communication distribution systems , guidelines, Concept - advantage - requirement – installation.

Unit 10: Computer suite– cavity Floor - false ceiling - partitions and doors - emergency door, Introduction, Indian interior design.

Unit 11: Concept - carpets and rugs - machine made carpets, Coir and latex, rubberized coir - durries– coir Matting.

Unit 12: Purpose of upholstery- structure of upholstery - layers of upholstery - cotton cloth.

Unit 13: Jute cloth- spiral springs- gunny cloth, padding Materials, lining cloth, covering material

Reference Book:

1. Contemporary Western Design: High-Style Furniture and Interiors by Thea Marx
2. Interior design: a laboratory manual for house furnishing by Alice Waugh.

BAID23 --- Life Space Planning

Unit 1: Concept of space –factors influencing living space, requirements, need for space, space occupancy, owner ship, style and other general factors.

Unit 2: Significance of housing – functions of house, selection of site, Types of house plansite plan, floor plan, elevation, cross – sectional plan, perspective plan. Satisfaction in – individual houses, multi -stored flats, row houses, one room apartments.

Unit 3: Division of space – private, public, work and traffic – definition, utility, determinants, Utility space – laundry facilities.

Unit 4: Principles of House plan – Aspect, orientation, prospect, privacy, grouping, roominess, flexibility, circulation furniture requirements, sanitation, considerations.

Unit 5: Methods of construction - Types of construction – meaning, basic knowledge in types of construction – load bearing and non-load bearing and Cast in site and Prefabrication – advantages and limitations.

Reference Book:

1. Prabhakar, L.V. (1998), Vasthu – The user's manual, The Avenue press, Chennai.
2. Despande, R.S. (1974), Build your own home, United Book Corporation, Poona.
3. Riggs, R. (1992), Materials and components of Interior Design, prentice Hall of India Pvt.Ltd, New Delhi.
5. Rao, C.H.G. (1995), Plants for small houses, Jai Ganesh offset Printers, chennai.
6. Faulkner, R, and Faulkner s. (1987), Inside Today's Home, Rinehart publishing company, Newyork.

BAID24 --- Interior and Exterior Treatments

Unit 1: Climate, study of climate condition, air temperature, relation humidity, Ventilation, types of heat, shedding of heat, movement of air coding of air, Humidification, mechanical ventilation, natural ventilation, thermal control.

Unit 2: Visible light, designing for day light, day light calculation, day light factor, Lighting, covers & planning of light, Position of lighting, Position of lighting points, strength of light, effective use light sources, Artificial light source.

Unit 3: Electric light sources, development of non electric light sources, lamp color, Distribution systems, advantages of electric environment, Protection devices, Planning, sources of water supply system, types of pipes, plumbing systems, Tap value & cocks, Storage tank, house plumbing.

Unit 4: Water supply, hot and cold supply, sanitary engineering, Sewer, sewage disposal, water carriage system

Unit 5: Refuse disposal, types of disposal, quality & quantity of refuse, Storage & separation of disposal, refuse collection, recovery of refuse, Conservancy system, water arrange systems, Septic tank, construction.

Unit 6: Soil adsorption, methods of soil absorption systems, pipe & pipe fitting.

Unit 7: Sanitary fitting, types of sanitary fittings, domestic storage campsites, Urinals requirements for sanitary fittings, drains & services, open drains, draw section.

Unit 8: Fire fighting, causes of fire in buildings, types of fire, spread of fire, Fire safety.

Reference Books:

1. Fundamentals of Residential Construction by Edward Allen, Rob Thallon.
2. Finish carpentry: a complete interior & exterior guide by William Perkins Spence.

BAID25P --- Practical -Life Space Planning

BAID26P --- Project- Interior Design Studio

YEAR III

BAID31 --- Entrepreneurship Development

Unit 1: Entrepreneurship: Concept/Meaning , Need ,Competencies/qualities of an entrepreneur

Unit 2: Entrepreneurial Support System :District Industry Centres (DICs) , Commercial Banks , State Financial Corporations , Small Industries ServiceInstitutes (SISIs), Small Industries Development , Bank of India (SIDBI), National Bank for Agriculture and Rural, Development (NABARD), National Small Industries Corporation (NSIC) and other relevant institutions/organizations at State level Market Survey and Opportunity Identification (Business Planning) .

Unit 3: How to start a small scale industry , Procedures for registration of small scale industry , List of items reserved for exclusive manufacture in small scale industry, Assessment of demand and supplyin potential areas of growth, Understanding business opportunity , Considerations in product selection , Data collection for setting up small ventures.

Reference Books:

1. A Handbook of Entrepreneurship, Edited by BS Rathore and Dr JS Saini; Aapga Publications, Panchkula (Haryana)
2. Entrepreneurship Development by CB Gupta and P Srinivasan, Sultan Chand and Sons, New Delhi
3. Environmental Engineering and Management by Suresh K Dhamija, SK Kataria and Sons, New Delhi

BAID32 --- Computer Aided Design

Unit 1: Computer basics

Unit 2: window XP.

Unit 3: Paint brush.

Unit 4: control panel.

Unit 5: Printing, scanning.

Unit 6: internet.

Unit 7: Ms- Word, ms-excel, MS-PowerPoint.

Unit 8: Auto-Cad: In this course the student will learn to use powerful software like AUTO C.A.D. the course is designed to offer knowledge about the modern 2d & 3d techniques. Advanced tools allow to the designer to analyze conditions.

Unit 9: In This Course The Student Will Learn To Use Powerful Software Like 3ds-Max. The Course Is Designed To Offer Knowledge About The Modern 3d Techniques. Advanced Tools Allow To The Designer To Analyze Conditions.

Reference Books:

1. Computer-Aided Design by Victor Lopez Jaquero.
2. Computer Basics by Michael Price.
3. AutoCAD Tutorials by Frede Uhrskov.
4. Introducing 3ds Max by Dariush Derakhshani, Randi Lorene Munn.

BAID33P --- Practical-Computer Aided Design

BAID34P --- Portfolio Development - Project Work and Viva Voce

POST GRADUATE DEGREE

***MSC INTERIOR DESIGNING
(M.SC.ID)***

(Two Years Scheme)

COURSE TITLE : M.Sc Interior Design
DURATION : 2YEARS
MODE : SEMESTER
TOTAL DEGREE MARKS: 3200

FIRST SEMESTER

Course Title	Paper Code	Marks				Total
		Theory		Practical		
		Internal	External	Internal	External	
Research Method And Statistic	MSCID/S/101	40	60	NA	NA	100
Construction Materials And Furniture Design	MSCID/S/102	40	60	NA	NA	100
Light And Colors In interior Design	MSCID/S/103	40	60	NA	NA	100
Building Construction For Interior Design	MSCID/S/104	40	60	NA	NA	100

SECOND SEMESTER

Course Title	Paper Code	Marks				Total
		Theory		Practical		
		Internal	External	Internal	External	
Fundamentals of Interior Designing	MSCID/S/201	40	60	NA	NA	100
Design Visualization & Presentation	MSCID/S/202	40	60	NA	NA	100
Residential Interiors	MSCID/S/203	40	60	NA	NA	100
COMMERCIAL INTERIORS	MSCID/S/204	40	60	NA	NA	100

THIRD SEMESTER

Course Title	Paper Code	Marks				Total
		Theory		Practical		
		Internal	External	Internal	External	
Furnishing For Interior	MSCID/S/301	40	60	NA	NA	100
Advanced Building Services	MSCID/S/302	40	60	NA	NA	100
Residential Interior Space Design	MSCID/S/303	40	60	NA	NA	100
Commercial Interior Space Design	MSCID/S/304	40	60	NA	NA	100

FOURTH SEMESTER

Course Title	Paper Code	Marks				Total
		Theory		Practical		
		Internal	External	Internal	External	
Interior Landscaping	MSCID/S/401	40	60	NA	NA	100
Furnishings of Interiors	MSCID/S/402	40	60	NA	NA	100
Construction Techniques	MSCID/S/403	40	60	NA	NA	100
Sculpture and Modeling	MSCID/S/404	40	60	NA	NA	100

LIST OF TOOLS & EQUIPMENT

Consumable (To be Procured by the student)

A3 Size Cartridge Paper Sketch Book

Pencils - HB, 2B, 4B, 6B (For Sketching)

0.5 Pen Pencil (HB, 2B)

Eraser, Notebook, Pen, Sharpener, Rough Cloth, Laptop Preferable for Design Lectures.

Scale (Plastic).

Reference Magazines:

Inside Outside

Society Interiors

Design + Interiors

Architecture + Design



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