



**NAGINDAS KHANDWALA COLLEGE OF COMMERCE,
ARTS &
MANAGEMENT STUDIES (AUTONOMOUS)**

Re-accredited by NAAC with 'A' Grade (3rd C ISO 9001:2015 Certified)

**Bhavishya Bharat Campus, S. V. Road, Malad (West)
Mumbai-400 064**

Programme Code: PMSID

M.Sc. in Interior Design

Two Year Integrated Programme -

Four Semesters

Course Structure

Under Choice Based Credit, Grading and Semester System

Implemented during Academic Year 2022-23

INDEX

| Sr. No. | Content |
|----------------|--|
| 1 | Preamble |
| 2 | Programme Objectives and Outcomes |
| 3 | Eligibility, Admission Intake, Fees and Other Criteria |
| 4 | Scheme of Examination |
| 5 | Teaching Methodology |
| 6 | Programme Structure |
| 7 | Detailed Curriculum |

1. Preamble

In the past decade, the interior design industry has witnessed tremendous growth in terms of market size and demand for curated interiors with unique designs. This growth can be attributed to the developing economy and urbanization. This fast-paced economy is seeing a rise in the number of people developing a taste for the high-end lifestyle with well-designed and luxurious homes. Innovation has brought about the expansion of the industry with a need for elegant interior design spreading to working spaces, commercial spaces and product design.

This growing industry thus requires skilled and capable designers who shall be able to meet the needs of the consumers and the rapidly growing market. The Interior Design industry comprises professionals who are engaged in planning, designing, decorating the interior spaces. According to “Indian Furniture Market Forecast & Opportunities”, in 2019, the country’s furniture market is projected to grow at a CAGR of around 26%. The market touched \$20 billion by 2015 and is expected to grow more in coming years.

The CII attributes the growth of interior design to the growth of the Indian real estate industry, a growing population, rising income levels and urbanization. Employment of interior designers is projected to grow 5 percent over the next ten years. Market for interior designing in India is all set to absorb new and aspiring talent. Due to the rising significance of interior design, this profession has become one of the best ever emergent fields in India.

The Indian youth, as homeowners, are also experiencing an influence of different cultures and lifestyles. They travel to many places, work with people of different nationalities, cultures, and love to reflect the fusion and versatility in their interior design. Although there is an upsurge of influence from different countries in the Indian way of life, still Indians never wish to entirely replicate anything. People love to give their spaces an indigenous and unique touch.

Different homes need different things, so the trend of customizing everything right from the design, décor and the furniture, is growing these days. The use of standard furniture is on a decline. All these developmental trends and lifestyle changes with Indians are leading to a remarkable growth of the interior design industry in India. With so many transformations happening, the interior design industry is going to expand even more in the years to come.

And this growing economy is going to need interior designers well equipped with the skills to create and design spaces keeping in mind the market trends, regulatory requirements and design ideology of today’s India. We aim to impart the required skill sets through our programmes. Choosing an Interior Design Degree will get the students accustomed to working in an international environment and being more in tune with the needs of guests from different social and cultural backgrounds

1.1 About Khandwala College

Khandwala College is a multi-faculty institution (Estd. 1983), affiliated with University of Mumbai. It offers 22 UG, 14 PG and 4 Ph.D. programmes and impart education to more than 6500 students. The Vision of the institute includes Education for all, Education for the youth, and Education for the future of our country. The Mission is to serve society at large and students belonging to linguistic minorities in particular with commitment, dedication, and devotion. The Quality Policy includes commitment towards imparting Quality Education to youth, enabling them to develop the right attitude, professional competence, and inculcating right ethical values.

The institution has been awarded “A” Grade (Third Cycle) by National Assessment and Accreditation Council, Best College by University of Mumbai (2012), lead college for a cluster of colleges, Educational Excellence Award by Indus Foundation, USA and Best Ensemble Faculty (Academic Brilliance Awards – 2013) by Education Expo TV’s Research Wing for Excellence in Professional Education & Industry and ISO 9001:2015 certified by TUV Nord. We have been awarded IMC Ramkrishna Bajaj National Quality Commendation Certificate in 2013-14. Our college has been awarded Autonomous status since 2016. Khandwala College, as an Autonomous College; is offering a new M.Sc. in Interior Design Programme as a Two-Year Integrated Programme – with four Semesters Course Structure - Under Choice Based Credit, Grading and Semester System.

1.2 Vision and Mission of Khandwala College

Vision

Education for all

Education for the youth

Education for the future of our country

Mission

The college’s focus is on the future of our students irrespective of their gender and place in society. Every student is like a flame reaching out to the brightness of the sun i.e. the bright future of India.

2. Programme Objectives & Outcomes

2.1 Programme Objectives

- To offer advanced study in areas of specialization in varied Interior Design typologies through design research.
- To further enhance skills to tackle complex design projects & process and boost students' portfolio & expertise
- To introduce students to interior design business practices, market resources, and project management techniques used in the interior design profession
- To provide students with a range of opportunities to prepare for professional accomplishment in the field of interior design through a varied range of activities including portfolio development, student competitions, comprehensive externship experience, and placement services as well as opportunities to interact with professional designers in juried projects and events, guest lectures, and professional associations at the local, national and international level

2.2 Programme Outcomes

PO1: Explain the wider & larger scale of projects & learn complexity through research & application.

PO-2: Exhibit skills to sketch and produce construction drawings and documents using industry standards for a variety of interior spaces.

PO-3: Equipped to communicate ideas effectively through appropriate oral, written and representational media using drawings, design software like AutoCAD, Photoshop etc and presentations.

PO-4: Demonstrate ethical awareness, research-related skills and professionalism.

PO-5: Incorporate a global perspective when making design decisions, based on sustainable, socio-economic and cultural contexts.

3. Eligibility, Selection and Admission Criterion

Candidates for being eligible for admission to the two-year course leading to the Degree of Masters in Interior Design, shall be required to have passed/attained Graduation or an equivalent qualification in any stream from any Board/ University

3.1 Eligibility Criterion:

Passed Graduation in any discipline. Lateral Entry shall be applicable for students who have pursued similar or related Programmes from any University. Eligibility Criteria shall be applicable for lateral entry.

3.2 Selection and Admission Criterion for Eligible Candidates:

The interested students shall register for Aptitude Test, Interview ,and Project/Portfolio.

The admission of students shall be based on:

- Academic and non- academic credentials till date
- Performance in Aptitude Test [comprising of questions in Mathematics/Statistics, English, Logical Reasoning, Analytical Ability], Performance in Personal Interview and Project/Portfolio
- The candidate has to fulfill all the prescribed admission requirements / norms of the Institute.
- In all matters relating to admission to the programme the decision of the Management of college shall be final.
- At any time after admission, if found that a candidate has not fulfilled one or many of the requirements stipulated by the Institute, or submitted forged certificates, the Institute has the right to revoke the admission and will forfeit the fee paid. In addition, legal action may be taken against the candidate as decided by the Management

3.3 Eligibility for the award of the degree:

- A candidate shall be eligible for the award of the Degree only if he/she has undergone the prescribed course of study for a period of not less than three academic years, passed the examinations of all the Six Semesters earning 104 credits, and letter grade of at least D or above (i.e. O/ A+/A/ B+/B/C/D) in core.
- No dues to the College, Libraries etc.; and
- No disciplinary action is pending against him / her.

3.4 Faculty under which the Degree is awarded:

M.Sc. in Interior Design (M-ID) programme is awarded programme is awarded under the faculty of Science.

3.5 Intake and Fees

Intake of 120 Students in the first year with an additional division of 60 students from the second year onwards. Additional 15% shall be permitted to make provision for any cancellation of Admissions. Additional admissions to the extent of 15% will be permitted for foreign students every year. Programme Fees for each Semester - Rs. 2,12,500/- . The fees can be increased by 12% every year.

3.6 Attendance

- A student has to obtain a minimum 75% cumulative attendance for the theory lectures, practical and tutorial (wherever prescribed) separately will be required out of the total number of lectures, practical and tutorials on the subject conducted in the term.
- 25% allowance in attendance is given to account for activities under NCC / NSS / Cultural / Sports / Minor Medical conditions etc.
- A student with a cumulative attendance of less than 75%, will not be permitted to appear for the end semester examination for all the courses in that semester and will be categorized as “DE”, meaning Detained due to shortage of attendance. The students with the “DE” category cannot proceed to the subsequent semester.
- Such students shall register for all the courses of the semester in which DE has occurred, in the subsequent year by paying the prescribed fee.
- Additional condonation may be considered in rare and genuine cases which includes, approved leave for attending select NCC / Sports Camps, Internships, Training, cases requiring prolonged medical treatment and critical illness involving hospitalization.
- For medical cases, submission of complete medical history and records with prior information from the parent / guardian to the institute is mandatory. Such condonation is permitted only twice for a student in the entire duration of the programme.

3.7 Eligibility for Faculty

Master's degree with 55% marks (or an equivalent grade in a point scale wherever grading system is followed) in a relevant/allied subject OR Relevant work experience in the industry or related areas.

4. Scheme of Examination

There are 3 types of courses

1. Theory-based courses
2. Theory + Studio-based courses
3. Studio-based courses

The Examination shall be divided into parts i.e. Continuous Internal Evaluation including Assignment, Projects, Seminars, Case Studies and Class Tests which will be of 40 marks and the Semester End Examinations which will be of 60 marks. The semester wise Credit Points will be varied from course to course but the value of Credits for Post-Graduate Programme shall be of 104 Credits. The examinations can be conducted in online/offline mode. The institute may decide the examination pattern - written, oral, practical, presentation, project etc. for any or all courses/subjects as appropriate.

The Credits are defined in terms of the learner's hours which are divided into two parts such as Actual and Notional. The value of a particular course can be measured in the number of Credit Points. The value of One (01) Credit is equal to 15 Hours of learners' load. Notional learning hours include direct contact hours with teachers and trainers, time spent in self learning, preparation for assignments, carrying out assignments and assessments etc.

Scheme of Total Credits

| Sr. No. | Year | Credits |
|----------------|------------------------------|----------------|
| 1 | Year 1 | 60 |
| 2 | Year 2 | 44 |
| | Total Credits from Academics | 104 |

Credit Based Evaluation System Scheme of Examination

1. Theory-based courses

List of Theory-based Subjects:

| |
|--|
| Semester-I |
| 1. Advance Studies & Theories in Interior Design 2. Evidence-based design 3. Integrated Building Services |
| Semester-II |
| 1. Design Humanics: Design Thinking 2. Design Collaborative Methods. 3. Interior Building System & Details |
| Semester-III |
| 1. Design Humanics: Ergonomic Factors 2. Research Methodologies. |

The performance of the learners shall be evaluated into two components. The first component shall carry 40% marks which will be a Continuous Internal Evaluation while the second

component shall carry 60% marks at semester end examination.

The allocation of marks for the Continuous Internal Evaluation 40% and Semester End Examination 60% are as shown below:

Structure of Continuous Internal Evaluation – 40% = 40 marks

| Sr. No. | Particulars | Marks |
|----------------|---|--------------|
| 1 | Assignments, Presentations and class tests | 15 marks |
| 2 | Home assignments and other assessment modes – as decided by the department in the beginning of the semester (like Extension/field/experimental work, Short Quiz; Objective test, open book test etc. and written assignments, Case study, Projects, Posters and exhibits etc. for which the assessment is to be based on class presentations wherever applicable) | 20 marks |
| 3 | Attendance & Active participation in routine class instructional deliveries (and in practical work, tutorial, field work, cultural activities etc. as the case may be) | 05 marks |

Structure of End Examination – 60% = 60 marks

Semester End Examination will be organized after all modules of the course are taught in the class. It will be a written examination / or as per the needs of the course a practical examination or a combination of both. This examination will be for 60 marks.

The assessment of Continuous Internal Evaluation and Semester End Examination as mentioned above for the Semesters I to IV shall be processed by the College ‘Institutions of their Learners’ and issue the grade cards to them after the conversion of marks into grades as the procedure mentioned below.

The learners to pass a course shall have to obtain a minimum of 40% marks in aggregate for each course where the course consists of Continuous Internal Evaluation & Semester End Examination. The learner shall obtain a minimum of 40% marks (i.e. 16 out of 40) in the Continuous Internal Evaluation and 40% marks in Semester End Examination (i.e. 24 Out of 60) separately, to pass the course and a minimum of Grade D in each project, wherever applicable, to pass a particular semester. A learner will be said to have passed the course if the learner passes the Continuous Internal Evaluation & Semester End Examination together.

2. Theory + Studio-based courses

List of Theory + Studio-based Subjects:

| |
|---|
| Semester-I |
| 1. Communication Technology in Interior Design-I |
| Semester-II |
| 1. Communication Technology in Interior Design-II |
| Semester-III |
| 1. Project Management |

The performance of the learners shall be evaluated into two components. The first component shall carry 40% marks which will be a Continuous Internal Evaluation while the second component shall carry 60% marks at semester end examination.

Structure of End Examination – 60% = 60 marks

Semester End Examination will be organized after all modules of the course are taught in the class. It will be as per the needs of the course a practical examination or a combination of both. This examination will be for 60 marks.

The Semester End Examinations for each course through semesters I to VI shall be conducted by the college except for the subjects with Asterix symbol (*) for which 40 marks includes test for 15 marks, assignment for 20 marks and attendance & code of conduct for 05 marks and 60 marks for two assignments/assessments shall be evaluated by the subject experts at department level and the marks/grades shall be submitted to the College.

The learners to pass a course shall have to obtain a minimum of 40% marks in aggregate for each course where the course consists of Continuous Internal Evaluation & Semester End Examination. The learner shall obtain a minimum of 40% marks (i.e. 16 out of 40) in the Continuous Internal Evaluation and 40% marks in Semester End Examination (i.e 24 Out of 60) separately, to pass the course and a minimum of Grade D in each project, wherever applicable, to pass a particular semester. A learner will be said to have passed the course if the learner passes the Continuous Internal Evaluation & Semester End Examination together.

3. Studio-based courses

List of Studio-based Subjects:

| |
|---|
| Semester-I |
| 1. Advance Experimental Design Studio |
| Semester-II |
| 1. Interdisciplinary Design Studio (Hospitality, Commercial, Institutional, Healthcare) |
| Semester-III |
| 1. Selection & Preliminaries |
| Semester-IV |
| 1. Thesis: Creative Component 2. Set Design |

For studio-based courses the portfolio of work will be evaluated.

| Assessment tool | Assessment Parameters | | |
|-----------------|-----------------------|--------------------|--------------|
| | Concept | Design Development | Presentation |
| Marks allocated | 20 marks | 20 marks | 60 marks |

4.1 Passing Standards

| Grade | Marks | Grade Points |
|-------|--------------|--------------|
| O | 80 & Above | 10 |
| A+ | 70 to 79.99 | 9 |
| A | 60 to 69.99 | 8 |
| B+ | 55 to 59.99 | 7 |
| B | 50 to 54.99 | 6 |
| C | 45 to 49.99 | 5 |
| D | 40 to 44.99 | 4 |
| F | Less than 40 | 0 |

- The student shall obtain a minimum of 40% marks (i.e. 16 out of 40) in the Continuous Internal Evaluation (CIE) and 40% marks in Semester End Examination (i.e. 24 out of 60) separately, to pass the course and a minimum of Grade D to pass a particular semester.
- Students who fail to clear Class Test I or were unable to appear for Class Test I on account of Medical grounds, Bereavement of a family member, Internships/Training or being positioned at Events by the Institute can appear for Class Test II
- If just prior to or during the CIE a bereavement (of an immediate family member) occurs. (Note: In this case the Death Certificate of the departed and the Parent's note will have to be given to the College within 2 days of returning to College, for this clause to hold).
- A learner will be said to have passed the course if the learner passes the Continuous Internal Evaluation (CIE) and Semester End Examination.

4.2 ATKT in Class Test

Students failing to clear the Class Test will have to submit a project on a topic approved by the subject teacher.

The allocation of marks will be as follows:

- Written Assignment – 10 marks
- Presentation- 5 marks

Students unable to meet grading criteria for studio courses will be allowed to keep term (ATKT) and fulfil the same in the subsequent semester to the satisfaction of the mentor.

5. Teaching Methodology:

1. Classroom Sessions

- **Lectures:** Lectures shall be delivered by experienced faculties along with visiting faculties and experts from the industry in online/offline or blended mode.
- **Assignments and Projects:** Shall be assigned at regular intervals of the course. It offers an opportunity for students to meet, interact and collaborate with experienced people from the industry.
- **Knowledge Workshops and Industry Seminars:** Shall be organized at regular intervals to keep the students informed about the latest developments in the Event Industry, these workshops are uniquely designed with a focus on practical industry – relevant topics.
- **Simulated Events:** Shall be conducted to get the real feel of organizing and managing an event. Students are trained to make a replica of an Event and present it live in the classroom. The exercise gives the student an opportunity to identify the finer nuances of event execution thereby helping them to identify key success factors and areas of improvement.

2. Guest Lectures & Case Studies

- **Guest Lecture:** Eminent people from the Design & Interiors industry shall be invited as guest speakers to impart lessons and their rich experiences on various fields related to this industry to the students. They also focus on imparting training around management concepts that have today become essential skills to carve a niche in the industry.
- **Case Studies:** Case studies highlighting various practical and situational issues shall be regularly discussed during classroom sessions. The discussion caters toward identifying what went wrong in the case and what could have been done in a better manner, this helps train students to handle such situations in the future. The exercise also improves the analyzing and analytical capabilities of our students.

3. Innovative & Interactive Learning Technology

- **Educational wikis:** It keeps track of education-oriented wikis, establishes constructive interactions with them, and researches their technology, activity, culture, processes, and impact.
- **Creative Presentation Ideas:** Gone are the days when Microsoft Presentation was the only means to make academic training interactive and engaging. Enliven your material and engage the students with these simple and easy to implement methodologies:
 - **Prezi Presentation:** Prezi is a powerful communication and presentation tool that aims to replace PowerPoint presentation. Equipping students with the knowledge

of this tool helps in preparing them to adapt easily to the ever-changing dynamics of the corporate world.

- **Creat through Technology:**

- **YouTube Broadcasting:** Harness the power of YouTube as an effective broadcasting medium to create and share your ideas and thoughts with diverse audiences.
- **Communication and Collaboration:** Google Apps provides students a chance to learn how to use webmail services, calendar (shared calendaring), G-Talk (instant messaging and voice/video chat) and Drive (online document creation & sharing).
- **Education through Blogs:** A powerful and interactive medium for learning. Ideal to educate, discuss and share innovative ideas across a large and diverse set of audiences

6. Unparalleled Internships & Practical Training

1. **Internships & Practical Training:** These projects/internships act like great learning platforms giving them the live experience of conceptualizing and designing the interiors of a space.
2. **In-House Events/Projects:** Students shall be provided with an opportunity to work on in-house presentations and projects right from the start to finish, to provide them with hands-on experience, which helps them to gain excellent organization skills.

7. Suggested List of Student Activities

- Students should survey the market for the above-mentioned interior finishing materials, collect data and samples of different materials used for false ceilings, flooring, furniture, kitchen, etc., understand their fixing details and analyze them by making a presentation and/or interactive group discussion.
- Students should explore the websites of famous and reputed materials and accessories suppliers such as wood laminate and furniture suppliers, wall paint and wallpaper companies, electric and bathroom fitting suppliers. Explore old volumes of interior design magazines such as Inside Outside.

1. Special Instructional Strategies

- Arrange site visits to observe & understand interior design work that is being carried out. Such visits should be organized by concerned faculty member/s who should explain the type of material and fixtures being used and the way they are used.

2. Suggested Learning Resources

A. List of Books

1. Time Saver Standards for Interior Design Watson McGrawhill
2. A & I Competition Architecture Interior Mich Archiworld
3. Advanced Interior Design (3 Volumes set) Damdi & Designers Mehul
4. Publications
5. Architecture of the Home Nylander Wiley
6. Color in Interior Design Pile McGrawhill
7. Interior Design Illustrated Ching Wiley
8. Interior Planning & Design Project Scalize Thomson
9. Residential Interior Design Mitton Wiley
10. Space Design Archiworld Archiworld
11. Time Saver Standards for Interior Design Dechiara McGrawhill

B. List of Major Equipment/ Instrument

- Measuring Tape, Digital Camera, Architectural Drafting instruments, computer with software such as AutoCAD and Arch CAD

8. Ad-hoc Board of Studies

Following Academicians, Faculty members & Experts have been consulted for the contents and development of the Syllabus for this course:

- Principal Dr. (Mrs.) Ancy Jose, Principal, Khandwala College
- CA Dr. Varsha Ainapure, M Com., FCA, Ph.D., Post-Doc (USA), Adjunct Professor, Khandwala College
- Mr. Vipul Solanki, MMS
- Ms. Sneha Asar, MBA
- Ar. Jatin Asher, Industry Representative
- Ar. Paras Mehta, Industry Representative
- Ar. Tej Wagh, Faculty

M.Sc. in Interior Design

Two Year Integrated Programme -

Four Semesters

Basic Structure: Distribution of Courses

| | | | |
|---|--|--|------------|
| 1 | Core Course (CC) | 12 Papers of 6 Credits Hrs. each (Total Credits Hrs. $12*6$) = 72 3 Papers of 4 Credits Hrs. each (Total Credits Hrs. $3*4$) = 12 | 84 |
| 2 | Discipline Specific Compulsory Course (DSC) | 1 Papers of 4 Credits Hr. each (Total Credits Hr. $1*4$) = 4 | 4 |
| 3 | Ability Enhancing Compulsory Course (AECC) | 2 Papers of 4 Credits Hr. each (Total Credits Hr. $2*4$) = 8 | 8 |
| 4 | General Elective (GE) | 4 Papers of 2 Credits Hrs. each (Total Credits Hrs. $4*2$) = 8 | 8 |
| | Total Credits Hrs. | | 104 |

M. Sc. in Interior Design
Curriculum Framework
(Implemented from Academic year 2022-23, since 2021-2022)

First Year

Semester - I

| Semester | Course Code | Course | Category | Types | Credits | Internal | External | Total Marks |
|----------|------------------------|--|--------------|--------------------|-----------|------------|------------|-------------|
| I | 2111PIDAS | Advance Studies & Theories in Interior Design | CC | Theory | 6 | 40 | 60 | 100 |
| I | 2112PIDAES | Advance Experimental Design Studio | CC | Studio | 6 | 0 | 100 | 100 |
| I | 2113PIDED | Evidence-based Design | CC | Theory | 6 | 40 | 60 | 100 |
| I | 2114PIDIBS | Integrated Building Services | CC | Theory | 6 | 40 | 60 | 100 |
| I | 2115PIDCT | Communication Technology in Interior Design - I | AECC | Theory + Studio | 4 | 40 | 60 | 100 |
| I | 2116PIDSA 2116PIDPD | <i>(Any one)*</i> Sanskrit Personality Development | GE | Theory + Practical | 2 | 40 | 60 | 100 |
| | | | Total | | 30 | 200 | 400 | 600 |

Semester - II

| Semester | Course Code | Course | Category | Types | Credits | Internal | External | Total Marks |
|----------|------------------------|--|--------------|--------------------|-----------|------------|------------|-------------|
| II | 2121PIDHD | Design Humanics: Design Thinking | CC | Theory | 6 | 40 | 60 | 100 |
| II | 2122PIDIS | Interdisciplinary Design Studio (Hospitality, Commercial, Institutional, Healthcare) | CC | Studio | 6 | 0 | 100 | 100 |
| II | 2123PIDCM | Design Collaborative Methods | CC | Theory | 6 | 40 | 60 | 100 |
| II | 2124PIDIB | Interior Building System & Details | CC | Theory | 6 | 40 | 60 | 100 |
| II | 2125PIDCT | Communication Technology in Interior Design – II | AECC | Theory + Studio | 4 | 40 | 60 | 100 |
| II | 2126PIDSA 2126PIDSS | <i>(Any one)*</i> Sanskrit Soft Skills & Personality Development | GE | Theory + Practical | 2 | 40 | 60 | 100 |
| | | | Total | | 30 | 200 | 400 | 600 |

**M. Sc. in Interior Design
Curriculum Framework
(Implemented from Academic year 2022-23)
Second Year**

Semester - III

| Semester | Course Code | Course | Category | Types | Credits | Internal | External | Total Marks |
|----------|------------------------|--|--------------|-------------------|-----------|------------|------------|-------------|
| III | 2231PIDHEF | Design Humanics: Ergonomic Factors | CC | Theory | 6 | 40 | 60 | 100 |
| III | 2232PIDSP | Selection & Preliminaries | CC | Studio | 6 | 0 | 100 | 100 |
| III | 2233PIDRM | Research Methodologies | CC | Theory | 4 | 40 | 60 | 100 |
| III | 2234PIDPM | Project Management | DSC | Theory + Studio | 4 | 40 | 60 | 100 |
| III | 2235PIDSA 2235PIDSE | (Any one)* Sanskrit Selling Skills | GE | Theory+ Practical | 2 | 40 | 60 | 100 |
| | | | Total | | 22 | 160 | 340 | 500 |

Semester IV

| Semester | Course Code | Course | Category | Types | Credits | Internal | External | Total Marks |
|----------|------------------------|---|--------------|--------------------|-----------|-----------|------------|-------------|
| IV | 2241PIDCC | Thesis: Creative Component | CC | Studio | 6 | 0 | 100 | 100 |
| IV | 2242PIDSD | Set Designing | CC | Studio | 4 | 0 | 100 | 100 |
| IV | 2243PIDIS | Internship | CC | Practical | 6 | 0 | 100 | 100 |
| IV | 2244PIDTE | Thesis Exhibition & Review | CC | Practical | 4 | 0 | 100 | 100 |
| IV | 2245PIDSA 2245PIDPS | (Any one)* Sanskrit Presentation Skills | GE | Theory + Practical | 2 | 40 | 60 | 100 |
| | | | Total | | 22 | 40 | 460 | 500 |

The syllabus can be updated/revised/modified from time to time to meet industry requirement.

- CC - Core Course
- AECC - Ability Enhancement Compulsory Course
- DSC - Discipline Specific Compulsory Course
- GE - General Elective
- SEC - Skill Enhancement Course

***Syllabus of Courses of
M.Sc. in Interior Design
at Semester I***

1. Advance Studies & Theories in Interior Design

Modules at a Glance

| Sr. No. | Modules | No. of lectures |
|----------------|--|------------------------|
| Module 1 | Critical studies in design | 22 |
| Module 2 | Contemporary issues in interior design | 23 |
| Module 3 | Design development and innovation | 22 |
| Module 4 | Seminar | 23 |
| | Total | 90 |

Course Objectives

1. To approach design from a theoretical perspective, covering issues pertaining to design ethics, history, social science, and sustainability.
2. To gain awareness & knowledge base of two concurrent topics in the field of Design.

Course Outcome

After successful completion of the course the student will be able to:

1. Participate & resolve interior design related issues.
2. Apply a strong theoretical & ethical foundation & support to their design solutions.

Detailed Syllabus

| Module | Topics | No. of Lectures |
|----------|---|-----------------|
| 1 | Critical studies in design | 22 |
| | History, theory & criticism of visual & material culture in built environment through articles & publications | |
| 2 | Contemporary issues in interior design | 23 |
| | Focus on contemporary issues faced by the Interior Design industry today. Presentation of articles & papers | |
| 3 | Design development and innovation | 22 |
| | Research & case study of innovative design/ methods that can be examples of completed works, product, media or technology. Students choose as per their interest in the field of their interest & specialization. Presentation in PowerPoint format | |
| 4 | Seminar | 23 |
| | Held in collaboration with interior design organizations or practicing architects, interior designers, graphic designers. Lectures to focus on human centered design, design thinking, entrepreneurship in design etc. | |

Reference Books

1. Julie K. Rayfield- The Office Interior Design Guide: An Introduction for Facility and Design Professionals
2. Mary Lou Bakker- Space Planning for Commercial Office Interiors
3. Christine M. Piotrowski - Designing Commercial Interiors
4. Design and Theory Design History and the History of Design the Meanings of Modern Design- Sachin Datt
5. Poetics of space- Gaston Bachelard

***Syllabus of Courses of
M.Sc. in Interior Design
at Semester I***

2. Advance Experimental Design Studio

Modules at a Glance

| Sr. No. | Modules | No. of lectures |
|----------------|----------------------------------|------------------------|
| Module 1 | Pre-Study: Spatial design | 22 |
| Module 2 | Design brief: Commercial Project | 23 |
| Module 3 | Design Outline & Concept | 22 |
| Module 4 | Design Solution & Presentation | 23 |
| | Total | 90 |

Course Objectives

1. To strategize relationship between design program, structure and experience.
2. To understand & develop skills that systematically work but are outside the box.

Course Outcome

After successful completion of the course the student will be able to:

1. Conceptualize building program and narrative.
2. Think creatively with building, site and planning constraints.
3. Manipulate sensory modes to maximize user experience.

Detailed Syllabus

| Module | Topics | No. of Lectures |
|----------|---|-----------------|
| 1 | Pre-Study: Spatial design | 22 |
| | Working on sensory modalities & using technology; application of sensory studies to build environment through readings, publications & case studies | |
| 2 | Design brief: Commercial project | 23 |
| | Commercial project (office above 700 SQM) defining clear limitations and constraints | |
| 3 | Design Outline & Concept | 22 |
| | Presentation of narratives emphasizing on experimentation & innovation; examination & development of ideas in response to fundamentals & principles of interiors. | |
| 4 | Design Solution & Presentation | 23 |
| | Final design solution will be evaluated on individualistic approach of students and ability affirm to design constraints | |

Reference Books

1. Complete Design Thinking Guide for Successful Professionals, Daniel Ling.
2. Educated by Design: Designing the Space to Experiment, Explore, and Extract Your Creative Potential Paperback. Michael Cohen
3. Adaptive Sensory Environments: An Introduction- by Maria Lorena Lehman.

***Syllabus of Courses of
M.Sc. in Interior Design
at Semester I***

**3. Evidence-based Design
Modules at a Glance**

| Sr. No. | Modules | No. of lectures |
|----------------|--------------------------|------------------------|
| Module 1 | Site selection | 22 |
| Module 2 | Documentation & analysis | 23 |
| Module 3 | Critique | 22 |
| Module 4 | Presentation | 23 |
| | Total | 90 |

Course Objectives

1. To understand evidence-based design approach with measures and outcomes for function, pleasure, and the emotional needs of users.
2. To understand and co-relate evidence-based design to rapidly changing work environments & keeping up with current trends.

Course Outcome

After successful completion of the course the student will be able to:

1. Apply learned information & apply knowledge to design workspaces that support shared spaces.
2. Evaluate various design determinants & document how they affect users.
3. Learn essence of teamwork & be able to compile & record documentation.

Detailed Syllabus

| Module | Topics | No. of Lectures |
|---------------|--|------------------------|
| 1 | Site selection | 22 |
| | Students will select an interior site/ project to evaluate & document in close coordination with the subject mentor and as per outlined brief. | |
| 2 | Documentation & analysis | 23 |
| | Students will collect & record observational data, conduct interviews, outline statistical data, make necessary sketch-based representations | |
| 3 | Critique | 22 |
| | Based on the collected data, students will make their conclusion in a systematic & logical manner | |
| 4 | Presentation | 23 |
| | Students will present their evaluations & support their findings through studio presentation | |

Reference Books

1. Make Space (Doorley & Witthoft, 2012).

***Syllabus of Courses of
M.Sc. in Interior Design
at Semester I***

4. Integrated Building Services

Modules at a Glance

| Sr. No. | Modules | No. of lectures |
|----------------|--|------------------------|
| Module 1 | Security systems, Digital authentication | 22 |
| Module 2 | Audio-Visual | 23 |
| Module 3 | Automation & Acoustics | 22 |
| Module 4 | Live application & Seminar | 23 |
| | Total | 90 |

Course Objectives

1. To learn & understand integrated advanced services for offices, such as security systems & application in commercial interiors.
2. To understand daily facility operational technology and integration with interior designing.
3. To understand centralized networking in offices & commercial interiors.

Course Outcome

After successful completion of the course the student will be able to:

1. Understand & integrate networking services with interior designing & planning of commercial spaces.
2. Understand & suggest various options of smart systems for cost control & better output in commercial interior spaces.

Detailed Syllabus

| Module | Topics | No. of Lectures |
|----------|--|-----------------|
| 1 | Security systems, Digital authentication | 22 |
| | Learning about different types of security services like CCTV, Biometric, Access Control, EPABX, Intrusion Alarm, Intercom and Video Door Access in security System and installation | |
| 2 | Audio-Visual | 23 |
| | Selection of correct AV equipment. Learning about cabling estimates, power requirements, cooling requirements, mounting hardware specifications | |
| 3 | Automation & Acoustics | 22 |
| | Streamlining & connecting all networking systems & implementation with commercial interior space. Learning acoustics required with systems | |
| 4 | Live application & Seminar | 23 |
| | Live site study & seminars from industry experts on automation & AV systems | |

Reference Books

1. A.K. Mittal- Electrical and Mechanical Services in High Rise Building: Design and Estimation Manual:Including Green Buildings
2. Fred Hall, Roger Greeno - Building Services Handbook
3. F. Porges - The design of electrical services for buildings
4. Er. V.K. Jain - Handbook of Designing and Installation of Services in High Rise Building Complexes

***Syllabus of Courses of
M.Sc. in Interior Design
at Semester I***

5. Communication Technology in Interior Design - I

Modules at a Glance

| Sr. No. | Modules | No. of lectures |
|----------------|-----------------------------------|------------------------|
| Module 1 | Introduction to Basic Level Rhino | 15 |
| Module 2 | Advance Building Forms | 15 |
| Module 3 | Rendering built Forms | 15 |
| Module 4 | Basic Revit | 15 |
| | Total | 60 |

Course Objectives

1. To learn advanced computer skills that enhance/ support their studio project presentation.
2. To introduce & learn advanced computer technology & applications as per market need.

Course Outcome

After successful completion of the course the student will be able to:

1. Use computer aided software to highlight & detail out their design presentations
2. Use communication technology to large scaled creative components to increase time efficiency

Detailed Syllabus

| Module | Topics | No. of Lectures |
|----------|---|-----------------|
| 1 | Introduction to Basic Level Rhino | 15 |
| | To understand the basics of Rhino and learn design forms by using general tools, transform tools, points and curves options, surface features, and mesh tools to export meshes for display or rendering | |
| 2 | Advance Building Forms | 15 |
| | Learning different types of skeletal structures and apply materials to the structure | |
| 3 | Rendering built Forms | 15 |
| | Learning detailed rendering and downloading rendered features in a model. | |
| 4 | Basic Revit | 15 |
| | Understand basics structures and families of Revit | |

Reference Books

1. Eddy Krygiel, Lance Kirby, and Marcus Kim - Mastering Autodesk Revit 2018
2. Paul Aubin- Renaissance Revit: Creating Classical Architecture with Modern Software\
3. Paul F Aubin , Stafford SteveThe Aubin Academy Revit Architecture: 2016
4. Daniel John Stine- Design Integration Using Autodesk Revit
5. Ron K.C. Cheng- Inside Rhinoceros 5
6. David Bachman- Grasshopper: Visual Scripting for Rhinoceros 3D

***Syllabus of Courses of M.Sc.
in Interior Design
at Semester I***

6. Sanskrit / Personality Development

Sanskrit

| Sr. No. | Modules | No. of Lectures |
|----------------|--------------------------------|------------------------|
| Module 1 | Structure of Language | 2 |
| Module 2 | Nouns and various cases | 2 |
| Module 3 | Ten conjugations | 2 |
| Module 4 | Voices | 2 |
| Module 5 | Causal | 2 |
| Module 6 | Absolute Locative | 2 |
| Module 7 | Frequentatives | 2 |
| Module 8 | Desideratives | 2 |
| Module 9 | Sandhis | 2 |
| Module 10 | Compounds | 3 |
| Module 11 | Gerunds | 3 |
| Module 12 | Infinitives | 3 |
| Module 13 | History of Sanskrit Literature | 3 |
| | Total | 30 |

Course Objective

- To build the vocabulary of students by equipping them in etymological aspects as per the text

Course Outcome

After the successful completion of course, the learners will be able to:

- CO1: Explain the complex Vedic language and literature. (Level: Remember)

Personality Development Skills

Module at a Glance

| Sr. No. | Modules | No. of Lectures |
|----------|--|-----------------|
| Module 1 | Interpersonal Skills | 7 |
| Module 2 | Phone Etiquette & Professional Communication | 8 |
| Module 3 | Email Etiquette | 7 |
| Module 4 | Time Management | 8 |
| | Total | 30 |

Course Objective

- To facilitate an all-round development of personality

Course Outcome

After the successful completion of course, the learners will be able to:

- **CO1:** Identify and describe the ways to schedule time more effectively and stay on track and keep important goals top of mind. (Level: Understand)
- **CO2:** Develop interpersonal skills and handle communication in a better manner. (Level: Create)
- **CO3:** Write effective emails. (Level: Create)

Detailed Syllabus

| Modules | Topics | No. of Lectures |
|----------|---|-----------------|
| Module 1 | Interpersonal Skills | 7 |
| | <ul style="list-style-type: none"> ● Hard Skills and Soft Skills ● Effective Communication ● Skills for successful interview ● Leadership ● Social Empathy | |
| Module 2 | Phone Etiquette & Professional Communication | 8 |
| | <ul style="list-style-type: none"> ● Ways to make a good first impression. ● Effective call handling ● Major steps of outbound / inbound calls ● Hold the process ● off-air ● Using the right voice of voice ● Tips for good telephone etiquette ● Avoid prohibited phrases ● Physical language on the telephone ● Tele-conferencing skills | |
| Module 3 | Email Etiquette | 7 |
| | <ul style="list-style-type: none"> ● Greeting Enclosures , Closing, CC & BCC, Subject Line, Screen Appearance, Spacing, Font ,Replying, Signature ● Sending effective messages ● Structuring paragraphs and sentences ● Punctuation, grammar and spelling ● Tone of the messages ● Softening a negative message ● Responding to messages ● Handling 'Negative' mails | |
| Module 4 | Time Management | 8 |
| | <ul style="list-style-type: none"> ● Shift Focus from Managing Time to Managing Self ● Identify Typical Time Wasters ● Identify Personal Strengths and Development Opportunities to Control Time ● Define Goals Based on Your Role ● Establish Important and Valid Priorities ● Create a Realistic and Productive Schedule ● Use a Robust Planning Process to Analyse and Review Plans | |

| | | |
|--|--|--|
| | <ul style="list-style-type: none">● Attend Meetings with Purpose and Add Value● Set Clear Expectations with Colleagues, Customers, and Your Boss● Manage Interruptions from Others● Build both Productivity and Efficiency● Re-evaluate Multitasking Strategies● Overcome Procrastination● Manage Technological Distractions● Prioritize and Choose Activities to Balance Life and Work | |
|--|--|--|

***Syllabus of Courses of
M.Sc. in Interior Design
at Semester II***

1. Design Humanics: Design Thinking

Modules at a Glance

| Sr. No. | Modules | No. of lectures |
|----------------|---------------------------------|------------------------|
| Module 1 | Introduction to Design Thinking | 22 |
| Module 2 | Examples & Samples | 23 |
| Module 3 | Creating prototype | 22 |
| Module 4 | Seminar & Workshops | 23 |
| | Total | 90 |

Course Objectives

1. To understand meaning of design thinking.
2. To understand application of design thinking to interior design & design studies.

Course Outcome

After successful completion of the course the student will be able to:

1. Identify a problem, analyze challenge areas around it and gather key insights
2. Design the thinking approach students will be able to solve difficult design problems that were earlier difficult to define and on which past data does not help.

Detailed Syllabus

| Module | Topics | No. of Lectures |
|---------------|--|------------------------|
| 1 | Introduction to Design Thinking | 22 |
| | Design thinking as a new paradigm of design front; Design Thinking is an innovative approach to address intractable problems; Design Thinking as human centered approach | |
| 2 | Examples & Samples | 23 |
| | Design Theory approach will be explained further through examples in interdisciplinary or allied field | |
| 3 | Creating prototype | 22 |
| | Following the steps of Design Thinking, students will be able to produce a prototype & present a studio presentation | |
| 4 | Seminar & Workshops | 23 |
| | Students will be encouraged to attend seminar & workshop in Design Theory outside the institution | |

Reference Books

1. Complete Design Thinking Guide for Successful Professionals Paperback – by Daniel Ling
2. Design Thinking Understand – Improve – Apply by Christoph Meinel, Larry Leifer Hasso Plattner

***Syllabus of Courses of
M.Sc. in Interior Design
at Semester II***

**2. Interdisciplinary Design Studio
(Hospitality, Commercial, Institutional, Healthcare)**

Modules at a Glance

| Sr. No. | Modules | No. of lectures |
|----------------|-----------------------------------|------------------------|
| Module 1 | Topic Selection & Proposal | 22 |
| Module 2 | Site Selection & Analysis | 23 |
| Module 3 | Design Development and Innovation | 23 |
| Module 4 | Creative Component & Resolve | 22 |
| | Total | 90 |

Course Objectives

1. To enable students to select topics of their interest within the three given modules that will ultimately focus towards their thesis topic
2. To enable students to select a live project & investigate challenges.

Course Outcome

After successful completion of the course the student will be able to:

1. Identify and design challenges in a live site
2. Evaluate the learnt theories to their design component to resolve the challenges.

Detailed Syllabus

| Module | Topics | No. of Lectures |
|----------|--|-----------------|
| 1 | Topic Selection & Proposal | 22 |
| | Student will select their topic of interest within given parameters of brief with close coordination with the mentor | |
| 2 | Site Selection & Analysis | 23 |
| | Site will be identified & selected by student that meets the parameters laid out in the design brief given by the design mentor | |
| 3 | Design Development and Innovation | 22 |
| | Following stages of Design Thinking from identifying, evaluating & arriving at solution | |
| 4 | Creative Component & Resolve | 23 |
| | Students will present their Design solution. The students will also be expected to provide along with design scheme, finishes, furniture & furnishings, lighting. Broad casting and pay basic, specification tables, technical aspects of design, Mechanical, Electrical, Plumbing layouts, Interior layouts, Materials and mood boards | |

Reference Books

1. A.K. Mittal- Electrical and Mechanical Services in High Rise Building: Design and Estimation Manual:Including Green Buildings
2. Fred Hall, Roger Greeno - Building Services Handbook
3. F. Porges - The design of electrical services for buildings
4. Er. V.K. Jain - Handbook of Designing and Installation of Services in High Rise Building Complexes

***Syllabus of Courses of
M.Sc. in Interior Design
at Semester II***

3. Design Collaborative Methods

Modules at a Glance

| Sr. No. | Modules | No. of lectures |
|----------------|---|------------------------|
| Module 1 | Collaboration pedagogy | 22 |
| Module 2 | Interdisciplinary Collaboration Speakers & Seminars | 23 |
| Module 3 | Synthesis | 22 |
| Module 4 | Presentation | 23 |
| | Total | 90 |

Course Objectives

1. To envision interdisciplinary collaboration between interior design & allied faculties.
2. To create a proactive environment & wide infrastructure for interaction, creativity & innovation.

Course Outcome

After successful completion of the course the student will be able to:

1. Learn about multi-disciplinary collaboration, leadership, and teamwork, interaction with multiple disciplines representing a variety of points of view and perspectives
2. Consciously apply methodology & language from more than one discipline to examine central theme, issue, problem, topic or experience.

Detailed Syllabus

| Module | Topics | No. of Lectures |
|----------|---|-----------------|
| 1 | Collaboration pedagogy | 22 |
| | Introduction, Importance of collaborative methods | |
| 2 | Interdisciplinary Collaboration Speakers & Seminars | 23 |
| | Introduction to Collaborative faculties, general discussions, Seminars & Speaker presentation | |
| 3 | Synthesis | 22 |
| | Students will work & derive process Practical Training/Internship | |
| 4 | Presentation | 23 |
| | The final presentation of the project included an informational narrative for their concept, perspectives, elevations and details of the designed elements of the system. Demonstration of the process by which students arrived at the chosen solution(s) & include final photographs and summary of the results | |

Reference Books

1. Creating Exhibitions: Collaboration in the Planning, Development, and Design of Innovative Experiences Paperback – by Polly McKenna–Cress Programming and
2. Research: Skills and Techniques for Interior Designers 2nd Edition by Rose Mary Botti-Salitsky (Author)

***Syllabus of Courses of
M.Sc. in Interior Design
at Semester II***

4. Interior Building System & Details

Modules at a Glance

| Sr. No. | Modules | No. of lectures |
|----------------|----------------------------------|------------------------|
| Module 1 | Introduction to HVAC | 22 |
| Module 2 | Understanding & implementing BAS | 23 |
| Module 3 | Fire fighting | 22 |
| Module 4 | Electrical | 23 |
| | Total | 90 |

Course Objectives

1. To understand integrated service systems associated with large scale project.
2. To collaborate with other allied agencies & gain better understanding of allied faculties.

Course Outcome

After successful completion of the course the student will be able to:

1. Discuss the active and passive components of HVAC and their underlying principles.
2. Identify the design / execution time, considerations specific to each of them.
3. Apply the knowledge of HVAC, plumbing, firefighting in design creation.

Detailed Syllabus

| Module | Topics | No. of Lectures |
|----------|---|-----------------|
| 1 | Introduction to HVAC | 22 |
| | Concept introduction to all services Design development, service plans, broad estimation & bill of quantity for: HVAC (Heating, Ventilation, and Air Conditioning) | |
| 2 | Understanding & Implementing BAS | 23 |
| | Understanding Building Automation System and using in design program with working drawing plans. | |
| 3 | Fire Fighting | 22 |
| | Understanding firefighting and using a design program with working drawing plans. | |
| 4 | Electrical | 23 |
| | Concept introduction to all services; Design development, service plans, broad estimation & bill of quantity for: Electrical | |

Reference Books

1. A.K. Mittal- Electrical and Mechanical Services in High Rise Building: Design and Estimation Manual:Including Green Buildings
2. Fred Hall, Roger Greeno - Building Services Handbook
3. F. Porges - The design of electrical services for buildings
4. Er. V.K. Jain - Handbook of Designing and Installation of Services in High Rise Building Complexes

***Syllabus of Courses of
M.Sc. in Interior Design
at Semester II***

5. Communication Technology in Interior Design - II

Modules at a Glance

| Sr. No. | Modules | No. of lectures |
|----------------|-----------------------|------------------------|
| Module 1 | BIM 360: Introduction | 15 |
| Module 2 | Plans | 15 |
| Module 3 | Modelling | 15 |
| Module 4 | Tools | 15 |
| | | 60 |

Course Objectives

1. To learn BIM (Building Information Modeling) that allows designers to create digital design simulations to manage all the information associated with an architectural project including time and money.
2. To identify and categorize the Principles of Building Information Modelling

Course Outcome

After successful completion of the course the student will be able to:

1. Make better design decisions, improve building performance, and collaborate more effectively throughout the project lifecycle.
2. Deliver projects with improved quality and efficiency.

Detailed Syllabus

| Module | Topics | No. of Lectures |
|---------------|--|------------------------|
| 1 | BIM 360: Introduction | 15 |
| | Learning of Process & LOD Concepts | |
| 2 | Plans | 15 |
| | Learning Schematic Drawing. 2D Designing. Site & Conceptual Design | |
| 3 | Modelling | 15 |
| | 3D Model. 3D Structural Model. Basic Modeling | |
| 4 | Tools | 15 |
| | Digital Prototyping of 3D MEP Model. Basic Modeling, Analysis. | |

Reference Books

1. Karl Ulrich, Steven Eppinger- Product Design and Development
2. Jane Penty - Product Design and Sustainability Strategies, Tools and Practice
3. Tiago Franco, Beatriz Costa - Product Design Process

***Syllabus of Courses of
M.Sc. in Interior Design
at Semester II***

6. Sanskrit/ Allied/ Other related courses

Sanskrit

Module at a Glance

| Sr. No. | Modules | No. of Lectures |
|----------------|--|------------------------|
| Module 1 | Selected portion from Taittiriyaopaniṣad | 4 |
| Module 2 | An extract from drama Pratima by Bhaṣa | 3 |
| Module 3 | A story from Pañcātanaṁ | 4 |
| Module 4 | An extract from Mricchakatikam by Śuḍṛaka | 3 |
| Module 5 | A dialogue based on Meghadūtaṁ | 4 |
| Module 6 | An extract from drama Malavikāgnimitraṁ | 6 |
| Module 7 | Spy system in Kauṭilya Arthashastra (5 types of stationary spies) | 6 |
| | Total | 30 |

Course Objective

- To give holistic and comprehensive understanding of the subject.

Course Outcome

After the successful completion of course, the learners will be able to:

- CO1: Describe the cultural perspective on the language. (Level: Understand)

***Syllabus of Courses of
M.Sc. in Interior Design
at Semester III***

1. Design Humanics: Ergonomic Factors

Modules at a Glance

| Sr. No. | Modules | No. of lectures |
|----------------|-----------------------|------------------------|
| Module 1 | Introduction | 22 |
| Module 2 | Humanics: Micro Level | 23 |
| Module 3 | Humanics: Meso Level | 22 |
| Module 4 | Humanics: Macro Level | 23 |
| | Total | 90 |

Course Objectives

1. To identify human & built environment interface.
2. To understand ergonomics & anthropometrics in built environments & special needs.
3. To understand psychological & behavioral needs in built environments.

Course Outcome

After successful completion of the course the student will be able to:

1. Include ergonomics, anthropometrics & studied behavioral responses to the design.
2. Emphasize on application of human factor methods to the analysis, solution, and evaluation of design problems.

Detailed Syllabus

| Module | Topics | No. of Lectures |
|----------|---|-----------------|
| 1 | Introduction | 22 |
| | Overview of issues related to the human/built environment interface. Introduction to health and safety factors; general ergonomics, anthropometrics, psycho-behavioral response, physical performance, cultural factors and universal design. | |
| 2 | Humanics: Micro Level | 23 |
| | Issues related to the nature, performance and accommodation of the individual organism, physical requirement, individual anthropometrics, personal safety. | |
| 3 | Humanics: Meso level | 22 |
| | Issues related to human performance in small to moderate scale settings, including psychological and behavioral dimensions, social factors, interpersonal safety. | |
| 4 | Humanics: Macro Level | 23 |
| | Cultural and societal influences on human performance and wellbeing in the moderate to large scale-built environment, including the impact of political, economic, cultural, geographic, design cultural and other societal factors. | |

Reference Books

1. The Chair. Rethinking Culture, Body and Design -Galen Cranz.
2. Designing out crime Crime prevention through environmental design -Susan Geason andPaul R. Wilson
3. <https://sites.tufts.edu/rebeccaglass/>
4. <https://www.furniturelinkca.com/design.htm>

***Syllabus of Courses of
M.Sc. in Interior Design
at Semester III***

2. Selection & Preliminaries

Modules at a Glance

| Sr. No. | Modules | No. of lectures |
|----------------|--------------------------|------------------------|
| Module 1 | Selection of Topic | 22 |
| Module 2 | Critical Writing | 23 |
| Module 3 | Workshops | 22 |
| Module 4 | Illustrated presentation | 23 |
| | Total | 90 |

Course Objectives

1. To gain experience in independent work & acquire advance knowledge in the field of study of interest
2. To gain an opportunity to bring together their education and experience into a realistic problem-solving effort.

Course Outcome

After successful completion of the course the student will be able to:

1. Test & apply his findings in his field of interest.
2. Identify lacunae & gaps in field of interest related to Interior Design.

Detailed Syllabus

| Module | Topics | No. of Lectures |
|---------------|---|------------------------|
| 1 | Selection of Topic | 22 |
| | Students work closely with thesis faculty to develop their critical thinking and to identify an appropriate program and site for each individual area of interest. | |
| 2 | Critical Writing | 23 |
| | Students present need & present proposal | |
| 3 | Workshops | 22 |
| | Students will also have a series of workshops in which a small group of peers could present written and graphic work to two faculty members. The goal of these workshops is to allow for a longer, more informal and more intensive discussion of the proposed project and its development with both faculty and fellow students. | |
| 4 | Illustrated presentation | 23 |
| | Student will evaluate & implement crest from workshops | |

Reference Books

1. Research Methods for Architecture by Ray Lucas
2. How to Write a Thesis (The MIT Press) by Umberto Eco

***Syllabus of Courses of
M.Sc. in Interior Design
at Semester III***

3. Research Methodologies

Modules at a Glance

| Sr. No. | Modules | No. of lectures |
|----------------|---|------------------------|
| Module 1 | Methodological approach | 15 |
| Module 2 | Data collection methods | 15 |
| Module 3 | Method of Analysis | 15 |
| Module 4 | Justification of methodological choices | 15 |
| | Total | 60 |

Course Objectives

1. To gain familiarity or achieve new insight towards a certain topic.
2. To learn methods of collecting & analyzing data.
3. To state deduction & conclusions systematically.

Course Outcome

After successful completion of the course the student will be able to:

1. Learn to systematically solve a research problem.
2. Formulate the hypothesis.
3. Verify and test the important facts
4. Find solutions to scientific, non-scientific & social problems.

Detailed Syllabus

| Module | Topics | No. of Lectures |
|---------------|--|------------------------|
| 1 | Methodological approach | 15 |
| | Stating thesis problem | |
| 2 | Data collection methods | 15 |
| | Various types of Sampling Methods | |
| 3 | Method of Analysis | 15 |
| | Quantitative methods, Qualitative methods | |
| 4 | Justification of methodological choices | 15 |
| | Acknowledge limitations or weaknesses in the approach etc. | |

Reference Books

1. 11 Steps to Architectural Thesis Paperback – by Architect Professor Indranil Sen (Author)
2. <https://www.slideshare.net/samanthyadav5/research-methodologies-in-architecture>

***Syllabus of Courses of
Master of Interior Design
at Semester III***

4. Project Management

Modules at a Glance

| Sr. No. | Modules | No. of lectures |
|----------------|-----------------------------|------------------------|
| Module 1 | Microsoft Project | 15 |
| Module 2 | Critical Path Method | 15 |
| Module 3 | EVM and WBS | 15 |
| Module 4 | Baseline, Costs and Budgets | 15 |
| | Total | 60 |

Course Objectives

1. To learn how to use project management software for systematic planning, accounting for better and easy management.
2. To understand & implement general business concepts, practices, and tools to facilitate project success.
3. To learn & utilize technology tools for communication, collaboration, information management, and decision support.

Course Outcome

After successful completion of the course the student will be able to:

1. Implement project management knowledge, processes, lifecycle and the embodied concepts, tools and techniques in order to achieve project success.
2. Adapt projects in response to issues that arise internally and externally.
3. Interact with team and stakeholders in a professional manner, respecting differences, to ensure a collaborative project environment.

Detailed Syllabus

| Module | Topics | No. of Lectures |
|----------|---|-----------------|
| 1 | Microsoft Project | 15 |
| | Create expert level project plans using Microsoft Project | |
| 2 | Critical Path Method | 15 |
| | Learn Critical Path Method (CPM), therefore learn how Microsoft Project do the calculations Make daily/weekly/monthly tracking and reporting a pleasure. | |
| 3 | EVM and WBS | 15 |
| | Learn Earned Value Management (EVM) and apply it on your project by using Microsoft Project Learn how to create work breakdown structure (WBS) | |
| 4 | Baseline, Costs and Budgets | 15 |
| | Learn how to measure a project against a baseline Learn how to track costs Learn effective usage of budgets | |

Reference Books

1. Bert Bielefeld- Basics Project Management Architecture
2. Jay S. Newitt- Construction Scheduling: Principles and Practices
3. Duncan P. Carlidge - Construction Project Manager's Pocket Book

***Syllabus of Courses of
M.Sc. in Interior Design
at Semester III***

5. Sanskrit/ Allied / Other Related Course

Sanskrit

Module at a Glance

| Sr. No. | Modules | No. of Lectures |
|-----------------|--|------------------------|
| Module 1 | Vedic Sukta of concord Samjnanasukta | 4 |
| Module 2 | Ten verses describing rainy season from Ramayana | 3 |
| Module 3 | Selected verses from the second chapter of Bhagavadgeeta | 4 |
| Module 4 | Twenty verses from Raghuvamsha by Kalidasa | 3 |
| Module 5 | Ashtapadi by Jayadev | 4 |
| Module 6 | Ten chitrashlok verse | 4 |
| Module 7 | Ten verses related to health from Ayurveda | 4 |
| Module 8 | Fifteen verses from modern Sanskrit literature – Vainayakam | 4 |

| | | |
|--|--------------|--|
| | Total | |
|--|--------------|--|

Course Objective

- **To give holistic and comprehensive understanding of the subject**

Course Outcome

After the successful completion of course, the learners will be able to:

- **CO1: Explain the basic skills of understanding Sanskrit literature. (Level: Understand)**

Syllabus of Courses of M.Sc. in Interior Design at Semester IV

1. Thesis: Creative Component

Modules at a Glance

| Sr. No. | Modules | No. of lectures |
|----------------|---|------------------------|
| Module 1 | Proposal writing & presenting hypothesis | 22 |
| Module 2 | Data collection, literature review & programing | 23 |
| Module 3 | Case-studies and synthesis | 22 |
| Module 4 | Design concept and presentation | 23 |
| | Total | 90 |

Course Objectives

1. To gain in-depth knowledge of the major subject/field of study, including deeper insight into current research and development work.
2. To identify the issues that must be addressed within the framework of the specific thesis in order to take into consideration all relevant dimensions of sustainable development.
3. To analyze and critically evaluate different technical/design solutions.
4. To clearly present and discuss the conclusion

Course Outcome

After successful completion of the course the student will be able to:

1. Demonstrate synthesis of creativity and technical knowledge
2. Contribute to research and development work.
3. Combine the systematic/methodological learning from various stages of study and analysis in the design process.
4. Explain the principal ideas / thought process for the project in terms of planning / built form / massing of different components, leading to the design, through sketches / 3D images / block models etc..

Detailed Syllabus

| Module | Topics | No. of Lectures |
|---------------|--|------------------------|
| 1 | Proposal writing & presenting hypothesis | 22 |
| | Stating Hypothesis, objectives of thesis, scope & limitation | |
| 2 | Data collection, literature review & programing | 23 |
| | Data collection & Case studies | |
| 3 | Case-studies and synthesis | 22 |
| | Analysis, synthesis of collected data | |
| 4 | Design concept and presentation | 23 |
| | Presenting a design solution, philosophy and findings | |

Reference Books

1. Gaston Bachelard, The Poetics of Space
2. Wayne C. Booth & Gregory G. Colomb, Joseph M. Williams, The Craft of Research.

***Syllabus of Courses of
M.Sc. in Interior Design
at Semester IV***

2. Set Designing

Modules at a Glance

| Sr. No. | Modules | No. of lectures |
|----------------|-------------------------------|------------------------|
| Module 1 | Introduction to Set Designing | 15 |
| Module 2 | Basics of Set Designing | 15 |
| Module 3 | Production Management | 15 |
| Module 4 | Design and Detail | 15 |
| | Total | 60 |

Course Objectives

1. To understand sets and scenery design and production aim to support the overall artistic goals of theatre / movie.
2. To develop a design concept consistent with the director's script.

Course Outcome

After successful completion of the course the student will be able to:

1. Conceive and design a stage set.
2. Observe Health & Safety procedures relating to stagecraft.
3. Recognize and describe materials used in stage sets and their properties.
4. Ensure that scenery is coordinated with other production elements.

Detailed Syllabus

| Module | Topics | No. of Lectures |
|---------------|--|------------------------|
| 1 | Introduction to Set Designing | 15 |
| | Understand all the aesthetics, theme and concepts of set designing. | |
| 2 | Basics of Set Designing | 15 |
| | To design a theme-based set with consideration of cost, material and utility integration of script | |
| 3 | Production Management | 15 |
| | To check on all production management considerations. | |
| 4 | Design and Detail | 15 |
| | Design and detail out all the drawings with all considerations. | |

Reference Books

1. Winslow Colin - Handbook of Set Design
2. Millerson Gerald - TV Scenic Design
3. D'Arcy Geraint - Critical Approaches to TV and Film Set Design

*Syllabus of Courses of
M.Sc. in Interior Design
at Semester IV*

3. Internship

Students will perform 6-8 weeks of Professional Practice under which they will be equipped with knowledge and skills needed such as management of office along with current practices, code of conduct required to enhance skills and techniques to manage all scales of projects. The student will be required to operate with an ethical code of conduct.

***Syllabus of Courses of
M.Sc. in Interior Design
at Semester IV***

4. Thesis Exhibition & Review

As a culmination to the program, the student will be required to hold an exhibition of his design component which will be reviewed by design faculty. The exhibition will be open to personnel from industry, professionals & students from Interior Design Fraternity. The student will be graded based on defense of the topic & presentation skills.

***Syllabus of Courses of M.Sc.
in Interior Design
at Semester IV***

5. Sanskrit / Effective Presentation Skills

Sanskrit

Module at a Glance

| Sr. No. | Modules | No. of Lectures |
|----------------|--------------------------|------------------------|
| Module 1 | Word Class | 7 |
| Module 2 | Tenses, Concord, Voice | 8 |
| Module 3 | Spelling and Punctuation | 7 |
| Module 4 | Sentences | 8 |
| | Total | 30 |

Course Objectives

- To familiarize students about compound constructions of Sanskrit words.

Course Outcome

After the successful completion of course, the learners will be able to:

- CO1: Compose long compound sentences with the sound knowledge of Sanskrit grammar.
(Level: Create)

Detailed Syllabus

| Sr. No. | Modules | No. of Lectures |
|----------------|---|------------------------|
| Module 1 | Word Class | 7 |
| | Articles, Prepositions, Verbs, Adverbs, Conjunctions, Interjections | |
| Module 2 | Tenses, Concord, Voice | 8 |
| | Tense and Aspect, Subject and Verb Agreement, Person and Number, Active and Passive Voice | |
| Module 3 | Spelling and Punctuation | 7 |
| | Rules of Punctuation, Basic Rules of Spelling | |
| Module 4 | Sentences | 8 |
| | Types of Sentences, Conversion of Sentences | |

Effective Presentation Skills

Module at a Glance

| Sr. No. | Modules | No. of Lectures |
|----------|---|-----------------|
| Module 1 | Planning Presentations | 7 |
| Module 2 | Preparing Presentations | 8 |
| Module 3 | Enhance to Engage and prepare for Q & A | 7 |
| Module 4 | Craft to impact | 8 |
| | Total | 30 |

Course Objective

- To provide comprehensive understanding for delivering effective presentations.

Course Outcome

After the successful completion of course, the learners will be able to:

- **CO1:** Explain the key elements of impactful presentations. (Level: Remember)
- **CO2:** Prepare the audience research to create targeted presentations. (Level: Understand)
- **CO3:** Demonstrate the best practices for designing visuals. (Level: Apply)
- **CO4:** Prepare a report through effective question and answer sessions with the audience. (Level: Apply)
- **CO5:** Develop a visual narrative. (Level: Create)

Detailed Syllabus

| Modules | Topics | No. of Lectures |
|----------|--|-----------------|
| Module 1 | Planning Presentations | 7 |
| | <ul style="list-style-type: none"> • Apply tools to analyze the audience and customize our delivery • Understand the challenges associates with not knowing the audience • List the 4 basic purposes of a presentation Introduce ourselves with confidence and credibility <ul style="list-style-type: none"> • Identify strengths and opportunities for self-development | |
| Module 2 | Preparing for presentations | 8 |
| | Increase effectiveness through appropriate voice techniques <ul style="list-style-type: none"> • Leverage gestures and expressions to emphasize our message • Capture and retain audience attention through the use of storytelling Understand the fundamental elements of impactful presentations <ul style="list-style-type: none"> • Plan and prepare a roadmap for the presentation • Structure presentations for logical, productive outcomes • Prepare evidence to give presentations more impact | |
| Module 3 | Enhance to Engage and prepare for Q & A | 7 |
| | Reinforce our information using visual impact <ul style="list-style-type: none"> • Open and close sessions with impact • Understand the variety of support tools that strengthen a Message Establish credibility with our audience through Q&A <ul style="list-style-type: none"> • Handling and maintaining control of Q&A sessions • Learn how to confidently facilitate Q&A sessions | |
| Module 4 | Craft to impact | 8 |
| | Small groups to apply the learnings of the workshop and craft one presentation basis <ul style="list-style-type: none"> o Audience o Purpose o Tools and Techniques Set Individual Action plans <ul style="list-style-type: none"> • Feedback using recording of presentations | |

Reference Books:

- Effective Presentation Skills – Robert Dilts, Meta Publication 2. Business Communication Today - Bovee and Thill: Tata McGraw Hill,