

Ref.No. SUK/BOS/ 556

Date:25/07/2023

To,

The Head,
Department of Library Information Science.
Shivaji University, Kolhapur.

Subject : Regarding syllabi of B.A. Multimedia Part - II , Bachelor of Design (B.Des) Part - IV & B. Voc Course Structure Part - II under the Faculty of Inter- Disciplinary Studies.

Sir/Madam,

With reference to the subject, mentioned above, I am directed to inform you that the university authorities have accepted and granted approval to the syllabi of **B.A. Multimedia Part - II , Bachelor of Design (B.Des) Part - IV & B. Voc Course Structure Part - II** under the Faculty of Inter-Disciplinary Studies. as per National Education Policy 2020.(NEP)

1)	B.A. Multimedia Part - II
2)	Bachelor of Design (B.Des) Part - IV
3)	B.Voc Course Structure Part - II


This syllabi shall be implemented from the academic year 2023-2024 onwards. A soft copy containing the syllabi is attached herewith and it is also available on university website www.unishivaji.ac.in. (Online Syllabus)

The question papers on the pre-revised syllabi of above mentioned course will be set for the examinations to be held in October /November 2023 & March/April 2024. These chances are available for repeater students, if any.

You are, therefore, requested to bring this to the notice of all students and teachers concerned.

Thanking you,

Yours faithfully,


Dr. S.M.Kubal
(Dy Registrar)

Copy to:

1	Director, Board of Evaluation and Examination	7	Centre for Distance Education
2	The Dean, Faculty of IDS	8	Computer Centre / I.T.cell
3	The Chairman, Respective Board of Studies	9	Affiliation Section (U.G.) / (P.G.)
4	B.A.,B.Com.,B.Sc. Exam	10	P.G.Admission / P.G.Seminar Section
5	Eligibility Section	11	Appointment Section -A/B
6	O.E. I, II, III, IV Section	12	Dy.registrar (On/ Pre.Exam)

SHIVAJI UNIVERSITY, KOLHAPUR



UNDER THE FACULTY OF INTERDISCIPLINARY
STUDIES – (IDS)

CHOICE BASED CREDIT SYSTEM (CBCS)

Structure, Scheme, & Syllabus for

BACHELOR OF DESIGN (B. Des)
(INTERIOR DESIGN)

PART – IV (SEM – VII & VIII)

**Syllabus to be Implemented from
Academic Year 2023-2024**

(Subject to the modifications that will be made from time to time)

SHIVAJI UNIVERSITY, KOLHAPUR
FINAL YEAR - Bachelor of Design (B. Des) – Interior Design -
 Scheme of Teaching and Examination
Semester – VII - CBCS

			TEACHING SCHEME						EXAMINATION SCHEME									
Sr. No	Name of the Subjects	Course (Subject Title)	THEORY			STUDIOS			CONTINUOUS INTERNAL EVALUATION (CIE)			END SEMESTER EXAMINATION (ESE)			INTERNAL ORAL EXAMINATION (IOE)		EXTERNAL ORAL EXAMINATION (EOE)	
			Credits	No of Lectures	Hours	Credits	No of Studios	Total Credit	Marks	Total Marks	Min	Marks	Total Marks	Min	Total Marks	Min	Total Marks	Min
1	Interior Design - VII	CC -701	1	1	-	4	9	5	10	10	5	-	-	-	90	45	-	-
2	Furniture Design-V	DSE-702*	-	2	-	2	4	2	10	10	5	-	-	-	70	35	70	35
3	Design Execution Drawing - III	CC -703	1	1	-	4	5	5	10	10	5	-	-	-	90	45	-	-
4	Project Work - I	CC- 704	-	0	-	5	4	5	10	10	5	-	-	-	90	45	-	-
5	Sustainable Interior - III	ACE-705	-	2	-	1	-	1	10	10	5	-	-	-	40	20	-	-

6	Estimating, Costing & Professional Practice - III	CC-706**	1	2	-	1	2	2	10	10	5	100	100	35	40	20	-	-
7	Electives & Seminars - III	GE-707*	-	4	-	2	-	2	10	10	5	-	-	-	70	35	70	35
8	Open Electives– VII	OE -708	-	-	-	-	-	2	-	-	-	-	-	-	20	10	-	-
	Total Marks		3	12			24	24	70			100			510		140	

Seventh Semester Total periods per week – 36

(Note – each lecture / studio period is considered of 50 minutes)

* Means Combine Passing for Internal oral & External Oral.

** Means Combine Passing for Theory Exam & Internal Oral.

Total credits – 24

Total Marks – 820

Sem – VII for Open Elective – 708 Anyone from following

1. Foreign Language & Competitive Exam Study

2. Set Design

3. Trade Sources

Any other open Electives in each semester are subjected to change as per the need of the industry,

Market and skill requirements as per specific time and syllabus.

CIE- Continuous Internal Evaluation

ESE – End Semester Examination

OE – Open Elective

SHIVAJI UNIVERSITY, KOLHAPUR
FINAL YEAR - Bachelor of Design (B. Des) – Interior Design
 Scheme of Teaching and Examination
Semester – VIII - CBCS

	TEACHING SCHEME								EXAMINATION SCHEME									
Sr. No	Name of the Subjects	Course (Subject Title)	THEORY			STUDIOS			CONTINUOUS INTERNAL EVALUATION (CIE)			END SEMESTER EXAMINATION (ESE)			INTERNAL ORAL EXAMINATION (IOE)		EXTERNAL ORAL EXAMINATION (EOE)	
			Credits	No of Lectures	Hours	Credits	No of Studios	Total Credit	Marks	Total Marks	Min	Marks	Total Marks	Min	Total Marks	Min	Total Marks	Min
1	Interior Design - VIII	CC - 801**	1	2	-	5	10	6	10	10	5	150	150	53	90	45	100	50
2	Design Execution Drawing - IV	CC - 802*	1	2	-	5	6	6	10	10	5	-	-	-	90	45	100	50
3	Project Work - II	CC- 803*	1	4	-	5	6	6	10	10	5	-	-	-	90	45	100	50
4	Sustainable Interior - IV	ACE- 804	-	2	-	2	-	2	10	10	5	-	-	-	40	20	-	-
5	Estimating, Costing & Professional Practice - IV	CC- 805*	1	2	-	1	2	2	10	10	5	100	100	35	40	20	-	-

6	Practical Training & report	GE-806	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100	50
7	Open Electives – VIII	OE - 807	-	-	-	-	-	2	-	-	-	-	-	-	20	10	-	-
	Total		4	12			24	24	-	50			250	-	370		400	

Eighth Semester Total periods per week – 36

* Means Combine Passing for Internal oral & External Oral.

** Means Combine Passing for Internal oral, External Oral & Theory exam.

Total credits – 24

Total Marks – 1070

Sem – VIII for Open Elective – 808 Anyone from following.

- 1. Plumbing Design**
- 2. Interior Project Management**
- 3. Basic of Valuation**

Any other open Electives in each semester are subjected to change as per the need of the industry, Market and skill requirements as per specific time and syllabus.

CIE- Continuous Internal Evaluation **ESE** – End Semester Examination

OE- Open Elective

Semester – VII

Sr No	Code No	Name of the Subject	Credit
1	CC -701	Int. Design – VII	5
2	DSE-702	Furniture Design-V	2
3	CC-703	Design Execution Drawing - III	5
4	CC- 704	Project Work - I	5
5	ACE - 705	Sustainable Interiors - III	1
6	CC-706	Estimating, Costing & Professional Practice - III	2
7	GE-707	Electives & Seminars – III	2
8	OE- 708	Open Electives - VII	2
		Total Credit	24

Semester – VIII

Sr No	Code No	Name of the Subject	Credit
1	CC -801	Int. Design – VIII	6
2	CC-802	Design Execution Drawing - IV	6
3	CC- 803	Project Work - II	6
4	ACE - 804	Sustainable Interiors - IV	2
5	CC-805	Estimating, Costing & Professional Practice - IV	2
6	GE-806	Practical Training & Report	-
7	OE- 807	Open Electives - VIII	2
		Total Credit	24

SYLLABUS FOR B. Des – IV SEMESTER – VII

Title of the Course:	Interior Design –VII	L	S	Credit
Course Code:	CC- 701	1	9	5

Course Description:

This continues to be the main subject in the curriculum. Interior design problems of highly complex nature are to be tackled by the students. It aims at allowing the student to develop his designing skills by actually getting involved with progressively difficult design problems. In a form like computer graphics, working details, practical knowledge regarding execution of the project. One design portfolio is to be submitted with of computerized presentation by the students in this semester.

Course Outcomes:

- Apply professional design acumen with enhanced skill of planning interior Project.
- Emphasis to the relationship of space to the contextual environment, achieving design interpretations through client profiling, case study & framing of requirements.
- Application of advanced knowledge to materials used, construction techniques, furniture & services while designing highly complex and complicated spaces.
- Discuss and on décor how it enhances and reflect concept.
- Explore a variety of visual presentation techniques
- Explore verbal presentation skills to elaborate design projects
- Design a large space up to 1000 SQM for residential, Commercial space by application of theory of Design, conceptualization ideologies and explorations in design, working details, Use of Technology, Use of Materials, and Presentation Skills etc

Teacher Assessment:

Assessment	Marks	Pass
CIE	10	5
ESE	-	-
Internal Evaluation	90	45
External Evaluation	-	-

Course Contents:

The student will be able to:

Unit 1. Design of large scale and specialized multi- functional interior species like Institutional problems related health, education, corporate Offices, shopping and entertainment malls, Town squares, Airports, Bus stops, Railway stations, Boats, Ports etc.

Unit 2 Use a variety of drawing media to effectively communicate design development

Unit 3 Use a variety of drawing media to effectively communicate design solutions

Unit 4 Understand and discuss the interior environment in the context of the exterior

Reference: -

1. Ahamd A Kasu
2. Time-saver Standards for Interior Design & Space Planning by Joseph Dechiara, Jullis Panreo & Morhin Zelnik
3. Neuferts Architect Data by Ernst & peter Neufert
4. E- Broucher, Net case Studies

SYLLABUS FOR B. Des – IV SEMESTER – VII

Title of the Course:	Furniture Design -V	L	S	Credit
Course Code:	DSE- 702*	-	2	2

Course Description:

Way of analyzing furniture forms and designing furniture scientifically based on ergonomics, materials and working parameters and visual perception of furniture as a single form and as system in a given interior space.

1. Modular in furniture design for office space education institute health facilities & Street Elements. Etc.

2. Understanding of modular approach, viability and validity of each component in furniture element. By using materials like wood, glass, metals, F.R.P., leather, etc. System Design approach and space planning through minimum one residential and commercial furniture as elements of design.

Course Outcomes:

- Exploring the modular space furniture with respect to manufacturing technology, packing transport, material and detailing;
- Furniture concept development based on problem identification, uses study and providing functional solution to it
- Exploring full-size drawing and prototype;

Teacher Assessment:

Note: - * Means Combine Passing for Internal Oral & External Oral.

Assessment	Marks	Pass
CIE	10	5
ESE	-	-
Internal Evaluation	70	35
External Evaluation	70	35

Course Contents:

Unite 1. Modular in furniture design for offices spaces, education institute, health Facilities, and street elements, etc.

Unite 2. Understanding of modular approach, viability and validity of each component in furniture element. By using materials like wood, glass, metals, F.R.P., leather, etc.

Unite. 3. Design of internal and external signage's required to express interior design Schemes.

Reference:-

1. Ahamd A Kasu
2. Time-saver Standards for Interior Design & Space Planning by Joseph Dechiara, Jullis Panreo & Morhin Zelnik
3. Neuferts Architect Data by Ernst & peter Neufert
4. E- Broucher, Net case Studies.

SYLLABUS FOR B. Des – IV SEMESTER – VII

Title of the Course:	Design Execution Drawing – III	L	S	Credit
Course Code:	CC-703	1	5	5

Course Description:

This subject provides the technical base for the execution of the designer's ideas. He has to learn to make technical drawings explaining to the workmen how execute the design in actual.

Course Outcomes:

- Explore technical drawing for 1 or 2 interior design projects.
- Use computer tools in drafting the portfolios.
- Exploring learning detail drawing for execution onsite. (MEP services i.e Mechanical, Electrical, Plumbing)
- Exploring various material & technics in drawing for execution.
- The course provides confidence in the student to execute them innovate concept in reality

Teacher Assessment:

Assessment	Marks	Pass
CIE	10	5
ESE	-	-
Internal Evaluation	90	45
External Evaluation	-	-

Course Contents:

Unit 1 Working drawing and details of one interior design projects in the semester preferably the student's own designs done in the third year. should be completed by the students and presented as portfolios.

Reference: -

1. Ahamd A Kasu
2. Time-saver Standards for Interior Design & Space Planning by Joseph Dechiara, Jullis Panreo & Morhin Zelnik
3. Building Construction – Metric by J. k Mckay
4. Construction for Interior Deisgn by Ralond Ashcroft.

SYLLABUS FOR B. Des – IV SEMESTER – VII

Title of the Course:	Project Work – I	L	S	Credit
Course Code:	CC-704	-	4	5

Course Description:

In professional career the Interior Designers / Architects are required to carry out investigations on various aspects of the project including its socio-economic aspects, overall viability, short term and long-term gains etc, the project's environmental impact and its analysis, traffic surveys, building performance analysis and appraisal etc. This research type project can be concluded with implementation of output of research done through the design

This Subject is considered to be summery of three years of syllabus which concludes with the essence of all the subject taught in three years of the course.

Students are expected to enter in highly competitive professional world after completion of this project work as a professional Interior Designer, so expected to put all his efforts with skills regarding Design, working details, Technology, Materials, and Presentation Skills etc.

Course Outcomes:

- Independent project of design (Research or Design Based) is supposed to be prepared by the student with help of Knowledge acquired within a three years of syllabus.
- Design oriented projects can be Residential, Commercial, Hospitality, Health Centers, Museums etc.
- research oriented projects like, Lighting Design, Product Design, Study of Different Design Theories, & Elements like Golden Mean Ratio etc.
- with the final conclusion of the projects should be implemented in interior space like. residential commercial hostility etc. in the form of Drawings.
- Minimum area of the project should be up to 1500 sq.mt
- The course provides confidence in the student to execute them innovate concept in reality

Teacher Assessment:

Assessment	Marks	Pass
CIE	10	5
ESE	-	-
Internal Evaluation	90	45
External Evaluation	-	-

Course Contents:

Unit 1 A) Design of large scale and specialized multi- functional interior species like Residential & commercial, urban spaces. which are covered in all three years. Submission of the project should include the constraints of real client his programmed base on functional and aesthetic requirements, socio-cultural and economic framework focus upon.

B) research oriented projects like, Lighting Design, Product Design, Study of Different Design Theories, & Elements like Golden Mean Ratio etc.

with the final conclusion of the projects should be implemented in interior space like .. residential commercial hospitality etc. in the form of Drawings.

Unit 2 The synchronized design solution and the practicality of the project is attained by studying is achieved by client profile, site analysis, requirements, conceptualization ideologies and explorations in design, working details, Technology, Materials, and Presentation Skills etc.

Unit - 3 This subject is with the intention of acquainting students in research methodologies adopted while carrying out research in a particular subject. • The subject is an introduction to the students in conducting systematic research in the subject of their choice but in overall Architectural and Interior Design context.

Unit 4 Project submission Should consist of booklet which includes similar case studies, client profile, site analysis, requirements in research part.

Reference: -

- 1 Live case study of concern projects.
2. Ahamd A Kasu
3. Time-saver Standards for Interior Design & Space Planning by Joseph Dechiara, Jullis Panreo & Morhin Zelnik
4. Neuferts Architect Data by Ernst & peter Neufert
5. E- Broucher, internet case Studies

SYLLABUS FOR B. Des – IV SEMESTER – VII

Title of the Course:	Sustainable Interiors - III	L	S	Credit
Course Code:	ACE- 705	2	-	1

Course Description:

After the era of industrial revolution, the necessity of Sustainable Interiors is becoming an essential parameter in any designing. The efficient use of our natural resources is vitally important to our futures.

There is growing recognition within the sustainability movement that to be truly effective, a green facility must do more than effectively use of natural resources. These facilities need to nurture the health, prosperity and general well-being of the inhabitants of its interior spaces.

Students have to study in groups with co-operative analysis and make Audio-visual presentation. This subject provides the actual implementation of sustainable design ideas explaining sustainability & sustainable material in design. Students can make changes as per material and design requirements.

Course Outcomes:

- Course explores the ever trendy concept sustainability
- Explore ability to study sustainable material.
- Explore ability to study green Concept
- Explore study of energy conservation.
- The course will give knowledge of sustainable concept and explore the opportunity for specialization

Teacher Assessment:

Assessment	Marks	Pass
CIE	10	5
ESE	-	-
Internal Evaluation	40	20
External Evaluation	-	-

Course Contents:

Unit 1 Study of sustainable materials as per their designer requirements & data collection.

Unit 2 Students have to make complete presentation of their topic with regards to sustainability.

Unit 3 World rating system for interior design of different countries to be studied in groups. For example, U.S.A.-LEED, U.K.-BREEAM, India-GRIHA, IGBC, Eco housing etc.

Unit 4 Introduction to software Like-Eco tech etc.

Unit 5 Study of Digital sustainable interior –IBMS (Intelligent Building Management system)

References:

- Sustainable commercial interior by penny Bonda & Katie Sosnowhik
- Green Building Material by Ross Spiegel & Dru Meadows
- Major Part of this course will focus on market research so material's company website and their E- brochures, papers published by different authors, award-winning projects related to green/sustainable from time to time etc. Should be referred by students.
- The students are also expected to visit & refer material manufacturers & do market survey & vendor's presentations related to interior profession
- IGBC (Indian Green Building Council) website.

SYLLABUS FOR B. Des – IV SEMESTER – VII

Title of the Course:	Estimating, Costing & Professional Practice - III	L	S	Credit
Course Code:	CC- 705*	1	2	2

Course Description:

The course Includes introduction to estimating & costing, course also gives introduction to process of tender. Market Study in respect of rate is included. Course will give aspect of office management, site management, project management.

Course Outcomes:

- Course explores ability to prepare estimation of interior project.
- Course explores the knowledge of current material rates.
- Course explores the ability to enhance bidding process.
- Course will give detail knowledge to the student about financial aspect and legal aspect in executing the project.

Teacher Assessment:

Note: - (*) Means Combined passing for Theory exam & Internal oral

Note: Their will combine paper of estimation and costing and professional practice of duration 4 hrs. for 100 marks.

Assessment	Marks	Pass
CIE	10	5
ESE	100	35
Internal Evaluation	40	20
External Evaluation	-	-

COURSE CONTENTS: ESTIMATING COSTING

Unit 1 Preparation of Estimate for large Interior Design Spaces.

Unit 2 Volumetric Estimate of residential buildings for Interior and furniture design. Studio-Preparation of tender document for large Interior Design Project and presentation of it.

Unit 3 Specifications: -

- Definition
- Objectives, Importance
- Use of Specifications

Unit 4 Type of Specification

Unit 5 Design of Specification

Unit 6 Legal aspect of Specification

COURSE CONTENT – PROFESSIONAL PRACTICE

Course Description:

Introduction to Professionalism, Design Practice, working of Design Organization.

Unit 1 Contractors billing for large Interior Design projects.

- B) Site Instruction book.
- C) Extra items than tender book.
- D) Running bills and final bill of contract.
- E) Certificate of payment

Unit 2 Issues of professional practice course such as:

- A) Professional behavior
- B) Professional Ethics and Code of Conduct
- C) Different styles of Interior Design practice
- D) Types of fees and process of fees.
- E) Arbitration

Unit - 3 Contract -

References –

- Estimating and Costing in civil Engineering - B.N.Dutta
- Estimating and Costing- J.R.Muley
- Elements of estimating & costing – S.C.Rangawala
- Architectural practice & procedure - Ar.V.S.Apate.
- Professional practice for interior designers - Christine m. pitrowski, ASID, IIDA
- Interior design – Ahmed Kasu

- Building construction & supervision – practical handbook - Pramod Beri
- The students are also expected to visit & refer material manufacturers & do market survey & vendor's presentations related to interior profession
- Part of this course will focus on market research so materials company websites & e-brochures should be referred by students.

SYLLABUS FOR B. Des – IV SEMESTER – VII

Title of the Course:	Electives & Seminars – III	L	S	Credit
Course Code:	CC- 707	-	2	2

Course Description:

General elective seminars are exposure and value addition courses which are selected out of wider choices of subjects and offered in combination uniquely designed each year based on the topical value, resources, and personals availabilities. Electives are offered in major areas of other related creative fields like. Material expression and traditional way, Media appreciation, Movement and Isms in music's and paintings, Painting, Print and print making, Project scheduling, Sculpture, Heritage conservation etc...

Course Outcomes:

- Student will able to Understand and their choice related to “Design” in General
- The Study of Elective Seminar paper, students will propose and will be able to present the seminar.
- It will be introduction for them for academic writing and presenting methods to a border spectrum
- The Course will provide detail knowledge of different fields related to interior projects and explore opportunity of presenting papers and doing specialization on concern subjects.

Teacher Assessment:

Final PPT presentation & printed reports.

Note: - (*) Means Combined passing for Internal oral & External oral.

Assessment	Marks	Pass
CIE	10	5
ESE	-	-
Internal Evaluation	70	35
External Evaluation	70	35

Course Contents:

Unit 1 Electives are offered in major areas of other related creative fields. The major areas are

- (1) Humanities
- (2) History
- (3) Art
- (4) Craft
- (5) Management.

LIST OF OPEN ELECTIVES	
Offered By INTERIOR DESIGN	
OPEN ELECTIVE - VII	2 Credit
<ol style="list-style-type: none"> 1. Foreign Language & Competitive Exam Study 2. Set Design 3. Trade Sources <p>Any other open Electives in each semester are subjected to change as per the need of the industry, Market and skill requirements as per specific time and syllabus</p>	

**GENERAL GUIDELINES OF QUESTION PAPER
(FOR REFERENCE ONLY)**

**Bachelor of Design – Semester – VII
Sub- Estimating Costing and Professional Practice - III**

Total Marks: - 100

Duration: - 4 hrs

Instructions: -

- 1.All the questions are compulsory.**
 - 2.Figures given to the right indicate marks of the questions.**
 - 3.Draw neat sketches wherever necessary.**
 - 4.Use of calculator is permissible**
 - 5.Assume suitable data wherever necessary.**
-

- | | |
|---|----|
| Q. 1 Explain. (Any two) | 10 |
| A) | |
| B) | |
| C) | |
| Q. 2 Explain the following. (Any one) | 15 |
| A) | |
| B) | |
| Q. 3 Write in brief answers of the following. (Any two) | 15 |
| A) | |
| B) | |
| C) | |
| Q. 4 Short notes. (Any two) | 15 |
| A) | |
| B) | |
| C) | |
| Q. 5 Explain the following. (Any one) | |
| A) | |
| B) | |
| | 10 |
| Q. 6 Short notes. (Any two) | 15 |
| A) | |
| B) | |
| C) | |
| Q. 7 Workout the quantities required for the items of the sketch given.
Prepare measurement and abstract | 20 |

SYLLABUS FOR B. Des – III SEMESTER – VIII

Title of the Course:	Interior Design –VIII	L	S	Credit
Course Code:	CC- 801**	2	10	6

Course Description:

This continues to be the main subject in the curriculum. Interior design problems of highly complex nature are to be tackled by the students. It aims at allowing the student to develop his designing skills by actually getting involved with progressively difficult design problems. In a form like computer graphics, working details, practical knowledge regarding execution of the project. One design portfolio is to be submitted with of computerized presentation by the students in this semester.

Course Outcomes:

- Apply professional design acumen with enhanced skill of planning interior Project.
- Emphasis to the relationship of space to the contextual environment, achieving design interpretations through client profiling, case study & framing of requirements.
- Application of advanced knowledge to materials used, construction techniques, furniture & services while designing highly complex and complicated spaces.
- Discuss and on décor how it enhances and reflect concept.
- Explore a variety of visual presentation techniques
- Explore verbal presentation skills to elaborate design projects
- Design a large space up to 1000 SQM for residential, Commercial space by application of theory of Design, conceptualization ideologies and explorations in design, working details, Use of Technology, Use of Materials, and Presentation Skills etc

Assessments:

Teacher Assessment:

Note: - () Means Combined passing for Internal oral, External oral & Theory Exam**

Assessment	Marks	Pass
CIE	10	5
ESE	150	53
Internal Evaluation	90	45
External Evaluation	100	50

Course Contents:

The student will be able to:

- Unit 1** Studies of highly complex and complicated Design project of large scale and specialized multi- functional interior spaces like High end residential spaces etc. Auditorium, museums, shopping and entertainment malls, hospitals Administrative buildings, hospitality etc. With the help of drawing portfolio
- Unit 2** Use a variety of drawing media to effectively communicate design development
- Unit 3** Use a variety of drawing media to effectively communicate design solutions
- Unit 4** Understand and discuss the interior environment in the context of the exterior.

Reference: -

1. Ahamd A Kasu
2. Time-saver Standards for Interior Design & Space Planning by Joseph Dechiara, Jullis Panreo & Morhin Zelnik
3. Neuferts Architect Data by Ernst & peter Neufert
4. E- Broucher, Net case Studies

SYLLABUS FOR B. Des – IV SEMESTER – VIII

Title of the Course:	Design Execution Drawing - IV	L	S	Credit
Course Code:	CC- 802*	2	6	6

Course Description:

This subject provides the technical base for the execution of the designer's ideas.

The course is giving detail knowledge of detail drawing to be send on site. Design execution drawing plays a vital role in execution of project.

Course Outcomes:

- Make technical drawing for 1 or 2 interior design projects.
- Use computer tools in designing;
- Execute the design in to actual;
- Explain the execution of drawing in to actual.
- Exploring learning detail drawing for execution onsite
- Exploring various material & technics in drawing for execution.

Teacher Assessment:

Note: - (*) Means Combined passing for Internal oral & External oral

Assessment	Marks	Pass
CIE	10	5
ESE	-	-
Internal Evaluation	90	45
External Evaluation	100	50

Course Contents:

- Design Execution drawing and details of 2 or 3 interior design projects in both the semesters (preferably the student's own designs done in existing year interior design project.

Unit 1 One commercial project should be completed by the students and presented as portfolios, portfolio should be done by computerized Drafting. (all types of. like all types of layout, Furniture ceiling, electrical, flooring, plumbing, furniture details Façade design etc.

Reference: -

1. Ahamd A Kasu
2. Time-saver Standards for Interior Design & Space Planning by Joseph Dechiara, Jullis Panreo & Morhin Zelnik
3. Building Construction – Metric by J. k Mckay
4. Construction for Interior Deisgn by Ralond Ashcroft.

SYLLABUS FOR B. Des – IV SEMESTER – VIII

Title of the Course:	Project Work – II	L	S	Credit
Course Code:	CC-803*	4	4	6

Course Description:

In professional career the Interior Designers / Architects are required to carry out investigations on various aspects of the project including its socio-economic aspects, overall viability, short term and long-term gains etc, the project's environmental impact and its analysis, traffic surveys, building performance analysis and appraisal etc. This research type project can be concluded with implementation of output of research done through the design

This Subject is considered to be summery of three years of syllabus which concludes with the essence of all the subject taught in three years of the course.

Students are expected to enter in highly competitive professional world after completion of this project work as a professional Interior Designer, so expected to put all his efforts with skills regarding Design, working details, Technology, Materials, and Presentation Skills etc..

Course Outcomes:

- Independent project of design (Research or Design Based) is supposed to be prepared by the student with help of Knowledge acquired within a three years of syllabus.
- Design oriented projects can be Residential, Commercial, Hospitality, Health Centers, Museums etc..
- research oriented projects like, Lighting Design, Product Design, Study of Different Design Theories, & Elements like Golden Mean Ratio etc.
- with the final conclusion of the projects should be implemented in interior space like .. residential commercial hostility etc. in the form of Drawings.
- Minimum area of the project should be up to 1500 sq.mt
- The course provides confidence in the student to execute them innovate concept in reality

Teacher Assessment:

Note: - (*) Means Combined passing for Internal oral & External oral

Assessment	Marks	Pass
CIE	10	5
ESE	-	-
Internal Evaluation	90	45
External Evaluation	100	50

Course Contents:

Unit 1 Design of large scale and specialized multi- functional interior species like Residential & commercial, urban spaces which are covered in all three years. Submission of the project should include the constraints of real client his programmed base on functional and aesthetic requirements, socio-cultural and economic framework focus upon.

Unit 2 The synchronized design solution is achieved by case studies, analysis of data conceptualization of ideologies and explorations in design the practically of the project is attained by studying available materials, their fabrication system, surface finishes, methods and process involved in execution along with budget and time factor.

Unit - 3 This subject is with the intention of acquainting students in research methodologies adopted while carrying out research in a particular subject. The subject is an introduction to the students in conducting systematic research in the subject of their choice but in overall Architectural and Interior Design context.

Unit 4 In professional career the Architects/ Interior Architects are required to carry out investigations on various aspects of the project including its socio-economic aspects, overall viability, short term and long-term gains etc, the project's environmental impact and its analysis, traffic surveys, building performance analysis and appraisal etc. This research type project can be concluded with implementation of output of research done through the design.

Unit 5 Portfolio should consist of drawings which includes conceptualization ideologies and explorations in design, working details, Use of Technology, Use of Materials, and Presentation Skills etc

Reference: -

1. Ahamd A Kasu
2. Time-saver Standards for Interior Design & Space Planning by Joseph Dechiara, Jullis Panreo & Morhin Zelnik
3. Building Construction – Metric by J. k Mckay
4. Construction for Interior Deisgn by Ralond Ashcroft.

SYLLABUS FOR B. Des – IV SEMESTER – VIII

Title of the Course:	Sustainable Interiors – II	L	S	Credit
Course Code:	ACE- 804	2	-	2

Course Description:

After the era of industrial revolution, the necessity of Sustainable Interiors is becoming an essential parameter in any designing. The efficient use of our natural resources is vitally important to our futures.

There is growing recognition within the sustainability movement that to be truly effective, a green facility must do more than effectively use of natural resources. These facilities need to nurture the health, prosperity and general well-being of the inhabitants of its interior spaces.

Course Outcomes:

- Course explores the ever trendy concept sustainability
- Explore ability to study sustainable material.
- Explore ability to study green Concept
- Explore study of energy conservation.
- The course will give knowledge of sustainable concept and explore the opportunity for specialization

Teacher Assessment:

Assessment	Marks	Pass
CIE	10	5
ESE	-	-
Internal Evaluation	40	20
External Evaluation	-	-

Course Contents:

Unit 1 Study of sustainable materials as per their designer requirements & data collection.

Unit 2 Design changes as per sustainability of material study. For example, U.S.A.-LEED, U.K.-BREEAM, India-GRIHA, IGBC, Eco housing etc.

Unit 3 Study of sustainable materials as per their design requirements & data collection

Unit 4 Design changes as per sustainability of material study.

Unit 5 Students have to make complete presentation of their design problem with regards to sustainability & IGBC, GRIHA certificate.

References:

- Sustainable commercial interior by penny Bonda & Katie Sosnowhik
- Green Building Material by Ross Spiegel & Dru Meadows
- Major Part of this course will focus on market research so material's company website and their E- brochures, papers published by different authors, award-winning projects related to green/sustainable etc. Should be referred by students.
- The students are also expected to visit & refer material manufacturers & do market survey & vendor's presentations related to interior profession
- IGBC (Indian Green Building Council) website.

SYLLABUS FOR B. Des – IV SEMESTER – VIII

Title of the Course:	Estimating, Costing & Professional Practice - IV	L	S	Credit
Course Code:	CC- 805**	2	2	2

Course Description:

The course Includes Introduction to Estimating & Costing, course. Also gives introduction to process of tender. Market Study in respect of rate is included. Course will give aspect of office management, site management, project management.

Course Outcomes:

- Course explores ability to prepare estimation of interior project.
- Course explores the knowledge of current material rates
- Course explores the ability to enhance bidding process.
- Course will give detail knowledge to the student about financial aspect and legal aspect in executing the project.

Teacher Assessment:

Note: - () Means Combined passing for Internal oral & Theory exam.**

Note: Their will combine paper of estimation and costing and professional practice of duration 4 hrs. for 100 marks.

Assessment	Marks	Pass
CIE	10	5
ESE	100	35
Internal Evaluation	40	20
External Evaluation	-	-

Course Contents: COURSE CONTENTS: ESTIMATION COSTING

Unit 1 Preparation of Estimate for large Interior Design Spaces.

Unit 2 Volumetric Estimate of Commercial Buildings for Interior and furniture design. Studio-Preparation of tender document for large Interior Design Project and presentation of it.

Unit 3 Principals of Specifications writing

Unit 4 Classification of Specifications

Unit 5 Specifications writing

Unit 6 Source of information for Specifications

Unit 7 Points for Framing of Specifications

Unit 8 Interior Valuation - Purpose, Type of Valuation, Deprecation

COURSE DESCRIPTION – PROFESSIONAL PRACTICE

Introduction to professionalism, design practice, working of design organization

Course Contents:

Issues of professional practice courses such as:

Unit 1 Contests and competitions-its purpose, benefits, methods, types and conditions

Unit 2 Modern methods of management- Introduction -PERT/CPM, Necessity, systematic execution &, Management, Objectives of project management.

Unit 3 Trade sources

Unit 4 Basic financial accounting.

References –

- Estimating and Costing in civil Engineering - B.N.Dutta
- Estimating and Costing- J.R.Muley
- Elements of estimating & costing – S.C.Rangawala
- Architectural practice & procedure - Ar.V.S.Apate.
- Professional practice for interior designers - Christine m. pitrowski,ASID, IIDA
- Interior design – Ahmed Kasu
- Building construction & supervision – practical handbook - Pramod Beri
- The students are also expected to visit & refer material manufacturers & do market survey & vendor's presentations related to interior profession
- Part of this course will focus on market research so materials company websites & e-brochures should be referred by students.

SYLLABUS FOR B. Des – IV SEMESTER – VIII

Title of the Course:	Practical Training & report	L	S	Credit
Course Code:	GE - 806	-	-	-

Course Description:

The student is required to gain practical experience after passing 2nd year & before appearing 8th semester theory exam students should complete his practical training appear for oral in 8th semester. he should complete min 90 days' full time (Min 30days continues) or 180 days' part time (Min 40days continues) practical training with registered architect (C.O.A.& I.I.A.) or interior designer registered (IIID) who is practicing with 5 years.

Course Outcomes:

- The purpose of this study Is to expose the students to practical field of the design & execution, to learn practical application of knowledge acquired to platform understand that he has prepared only a good base & that education is a continuing learning process throughout the carrier on which is about to embark.
The purpose of the training is to learn
- Day to day working of an office
- Professional Practice
- Correspondence
- Presentation Techniques
- Working Drawings & Details drawings
- Preparing estimates, checking of bill of quantities.
- Site execution.

Teacher Assessment:

Assessment	Marks	Pass
CIE	--	-
ESE	-	-
Internal Evaluation	-	-
External Evaluation	100	50

Course Contents:

Unit - 1 The student is required to gain practical experience after passing 2nd year & before appearing 8th semester theory exam students should complete his practical training appear for oral in 8th semester. he should complete min 90 days' full time (Min 30days continues) or 180 days' part time (Min 40days continues) practical training with registered architect (C.O.A.& I.I.A.) or interior designer registered (IIID) who is practicing with 5 years.

He should try to get his training in any of the places mentioned in the order of preference.

1. Office of an architect
2. Office of an Interior Designer
3. Office of the builder
4. Furniture Showroom / Manufacturer

Unit - 2 He should get appointment letter where he proposes to work & get it approved by the head of the department The purpose of the training is to learn –

- Day to day working of an office
- Professional Practice

- Correspondence
- Presentation Techniques
- Working Drawings & Details drawings
- Preparing estimates, checking of bill of quantities.
- Site execution.

The student should attend the office regularly & works full time or part time & should follow the discipline & duty hours of the organization. He is also expected to keep his eyes open & observe general working of the office as a whole.

During this period the student will maintain a log book as prescribed & it shall be countersigned by the principal of that office along with the professor – in – Charge. The candidate is expected work in an office and site during this period.

The employer is not bound to pay any remuneration & bear any other expenses of the students but is requested to pay him such minimum remuneration so that the student is able to maintain himself.

Unit 3 On successful compilation of the practical training, viva –voce which will be conducted jointly by one internal& one external examiner on the training he has under gone & the report submitted by the employer & the student.

Performa of Report

- Name of the student:
- Academic Year:
- Name of Office / Organization
- Date of Joining:
- Date of Leaving:
- Employers Reports:
- Employers opinion about student straining:
- Any suggestions by the employer:

Signature of the Employer

signature of the Student

One copy of syllabus for this subject should be made available to the employer.

LIST OF OPEN ELECTIVES	
Offered By INTERIOR DESIGN	
OPEN ELECTIVE - VIII	2 Credit
1.Plumbing Design 2.Interior Project Management 3.Basic of Valuation Any other open Electives in each semester are subjected to change as per the need of the industry, Market and skill requirements as per specific time and syllabus.	

GENERAL GUIDELINES OF QUESTION PAPERS

Bachelor of Design – Fourth Year (B. Des)

Semester – VIII

Sub- Interior Design - VIII

Total Marks: - 150

Duration: - 12 hrs.

Instructions: -

- 1. Assume suitable data wherever necessary and mention it.**
 - 2. You can use only suitable presentation technique on the given paper only.**
 - 3. Refer drawing given.**
-

- Design problem - Title
- Design problem – Brief
- Requirements of the design problem given:
- Drawing Requirements: - (Addition Alteration May be made as per design problem)
 - 1) Concept & furniture layout plan
 - 2) Sectional Elevations (Min- 2)
 - 3) Views to explain the interior design scheme. (Min-2)
 - 4) Furniture detail (any one)
 - 5) Ceiling and flooring layout.

(Note: - Marking Distribution will be as per design problem)

GENERAL GUIDELINES OF QUESTION PAPER
(FOR REFERENCE ONLY)

Bachelor of Design – Semester – VII
Sub- Estimating Costing and Professional Practice - IV

Total Marks: - 100
Duration: - 4 hrs

Instructions: -

- 1.All the questions are compulsory.**
 - 2.Figures given to the right indicate marks of the questions.**
 - 3.Draw neat sketches wherever necessary.**
 - 4.Use of calculator is permissible**
 - 5.Assume suitable data wherever necessary.**
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- | | | |
|------|--|----|
| Q. 1 | Explain. (Any two) | 10 |
| | A) | |
| | B) | |
| | C) | |
| Q. 2 | Explain the following. (Any one) | 15 |
| | A) | |
| | B) | |
| Q. 3 | Write in brief answers of the following. (Any two) | 15 |
| | A) | |
| | B) | |
| | C) | |
| Q. 4 | Short notes. (Any two) | 15 |
| | A) | |
| | B) | |
| | C) | |
| Q. 5 | Explain the following. (Any one) | |
| | A) | |
| | B) | 10 |
| Q. 6 | Short notes. (Any two) | 15 |
| | A) | |
| | B) | |
| | C) | |
| Q. 7 | Workout the quantities required for the items of the sketch given.
Prepare measurement and abstract | 20 |