

 Estd. 1962 "A++" Accredited by NAAC (2021) With CGPA 3.52	SHIVAJI UNIVERSITY, KOLHAPUR 416 004, MAHARASHTRA PHONE : EPABX - 2609000, BOS Section - 0231-2609094, 2609487 Web : www.unishivaji.ac.in Email: bos@unishivaji.ac.in शिवाजी विद्यापीठ, कोल्हापूर, ४१६ ००४, महाराष्ट्र दूरध्वनी - इपीबीएक्स - २०६०९०००, अभ्यासमंडळे विभाग : ०२३१- २६०९०९४. २६०९४८७ वेबसाईट : www.unishivaji.ac.in ईमेल : bos@unishivaji.ac.in		
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Ref.: SU/BOS/ IDS / 570

Date: 18 - 09- 2025

To,

The Principal,
All Concerned Affiliated Colleges/Institutions
Shivaji University, Kolhapur

Subject : Regarding revised syllabi **Bachelor of Design (B. Des) Part - 4** degree programme under the Faculty of Inter- Disciplinary Studies as per NEP-2020 (2.0).

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 revised syllabi, nature of question paper and equivalence of **Bachelor of Design (B. Des) Part - 4** for follower's degree programme under the Faculty of Inter-Disciplinary Studies as per National Education Policy, 2020 (NEP 2.0).

This syllabus, nature of question and equivalence shall be implemented from the academic year **2025-2026** onwards. A soft copy containing the syllabus is attached herewith and it is also available on university website www.unishivaji.ac.in NEP-2020 (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 2025 & March/April 2026. 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

Encl. : As above.

Copy to: For Information and necessary action.

1	The Dean, Faculty of IDS	7	Affiliation T.1 & T. 2 Section
2	Director, Board of Examination and Evaluation	8	Appointment A & B Section
3	The Chairman, Respective Board of Studies	9	P.G.Seminar Section
4	All On Exam Section	10	I.T. Cell
5	Eligibility Section	11	Internal Quality Assurance Cell (IQAC)
6	P. G. Admission Section		

SHIVAJI UNIVERSITY, KOLHAPUR



UNDER THE FACULTY OF INTERDISCIPLINARY
STUDIES – (IDS)

AS PER THE NATIONAL EDUCATION POLICY -
NEP - 2020

CHOICE BASED CREDIT SYSTEM

Structure, Scheme, & Syllabus for

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

PART – IV (SEM – VII & VIII)

**Syllabus to be Implemented from
Academic Year 2025-2026**

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

Semester – VII

Sr No	Code No	Name of the Subject	Credit
1	PW- I	Project Work – I	5
2	LD-I	Landscape Design – I	5
3	SD - II	Sustainable Design- II	4
4	FD-IV	Furniture Design - IV	6
5	OE- VII	Open Electives - VII	2
		Total Credit	22

Semester – VIII

Sr No	Code No	Name of the Subject	Credit
1	PW- II	Project Work – II	12
		a) Interior Design	6
		b) Design Execution Drawing	4
		c) Art Appreciation	1
		d) Estimation Costing	1
2	LD - II	Landscape Design – II	5
3	PTR -	Practical Training & report	3
4	OE- VIII	Open Electives - VIII	2
		Total Credit	22

Semester 7th	22
Semester 8th	22
Total Credit	44

Abbreviations

CIE - Continues Internal Evaluation

IOE - Internal Oral Evaluation

EOE - External Oral Evaluation

ESE - End Semester Examination

National Education Policy (NEP-20)

FOURTH YEAR - Bachelor of Design - Interior Design

SEMESTER – SEVENTH

Scheme of Teaching and Examination

Course Code	Course Title	L	S	Hrs	Course Credit	Examination Scheme							
						CIE		IOE		EOE		ESE	
						Total	Min	Total	Min	Total	Min	Total	Min
PW - I	Project Work – I	4	8		5	50	25	50	25	100	50	-	-
LD- 1	Landscape Design – I	1	6		5	25	13	25	13	-	-	-	-
FD- IV	Furniture Design - IV	2	6		6	25	13	25	13	100	50	-	-
SD - II	Sustainable Design- II	1	6		4	25	13	25	13	-	-	-	-
OE - VII	Open Elective - VII	1	1		2	-	-	25	13	-	-	-	-
	TOTAL	09	27		22	125		150		200			

Seventh Semester Total periods per week – 36

Total credits – 22

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

Total Marks – 475

Sem – VII for Open Elective Anyone from following

1. Apparel Design
2. Set Design
3. Trade Sources

Note - 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

Note - Final Copy of Book let of Project report in Project Work - II should be submitted to the institute in hard copy / soft copy at the time of External Oral Examination.

SEMESTER – EIGHT

Scheme of Teaching and Examination

Course Code	Course Title	L	S	Hrs	Course Credit	Examination Scheme							
						CIE		IOE		EOE		ESE	
						Total	Min	Total	Min	Total	Min	Total	Min
PW - II	1.Project Work – II				12	200	100	300	150	300	150		
	a) Interior Design	2	8		6	50	25	100	50	100	50	-	-
	b) Design Execution Drawing	2	8		4	50	25	100	50	100	50	-	-
	c) Art Appreciation	2	2		1	50	25	50	25	50	25	-	-
	d) Estimation Costing	2	2		1	50	25	50	25	50	25	-	-
LD- II	Landscape Design – II	2	4		5	50	25	100	50	100	50	-	-
PTR -	Practical Training & report				3	-	-	-	-	100	50	-	-
OE- VIII	Open Electives -VIII	1	1		2	-	-	25	13	-	-	-	-
		11	25		22	250	-	425		500			

Eighth Semester Total periods per week – 36

Sem – VIII for Open Elective –Anyone from following.

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

Total credits – 22

Total Marks – 1175

Note - 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.

SYLLABUS FOR B. Des –4th Year SEMESTER – VII

Title of the Course:	Project Work – I	L	S	Credit
Course Code:	CC-701	4	8	5

Course Description:

Dissertation Project: The final year typically culminates in a dissertation project where students demonstrate their ability to independently research, conceptualize and execute design project under the guidance of faculty and mentors.

The Students 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, Overall, the process emphasizes creativity, critical thinking, and technical skills, preparing students for professional practice in architecture.

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 in syllabus.

After final year students are expected to enter in highly competitive professional world, after completion of this project work as a professional Interior Designer, so expected dedicate all his efforts with summarizing three years of skills and knowledge in Design, Design Execution Drawing with Service layout, Art appreciation, Estimation costing, etc.

Course Outcomes:

- Independent project of design (Research or Design Based) is to be prepared by the student with help of the Knowledge and skills acquired within a three years of syllabus.
- The Dissertation project acquainting students in research methodologies and systematic research adopted while carrying out research in a particular subject.
- This Dissertation project will provide confidence in the student to execute them innovate concept in reality, after this project student are expected to enter in highly competitive professional world as an Interior Designer.
- This Dissertation project will provide confidence in the students in term of wholesome interior design skills and knowledge. Which enable students to pursue higher education.

Teacher Assessment:

Assessment	Marks	Pass
Continues Internal Evaluation	50	25
Internal Oral Evaluation	50	25
External Oral Evaluation	100	50
End Semester Examination	-	-

Course Contents: Student should consider while doing dissertation project following points.

- Design oriented projects can be done in Residential, Commercial, Hospitality, Health Centers, Museums etc.
- Research oriented projects can be done in Lighting Design, Product Design, Study of Different Design Theories & Elements like Golden Mean Ratio etc. The final research conclusion of the project should be implemented in a drawing proposal of interior space like Residential, Commercial, Hospitality, Health Centers, Museums etc as per requirement from content.
- Area for the dissertation project up to 1500 sq.mt, and Minimum area should not be less than 500 sqmt.

Unit 1 – INTERIOR DESIGN –

The 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 Interior Design context.

Students should typically follow a structured process to design and build their dissertation projects, which can be broken down into several key stages like following.

1. Research and Inspiration

After synopsis, literature review, framing project, and research methodology.

- Context Analysis: Students should select and study the site, including its history, culture, climate, and surrounding environment.
- Precedent Studies: They look at existing synonymous project for inspiration, analyzing their design, materials, and functionality.

2. Concept Development Brainstorming: Students generate ideas and concepts, often using sketches, mood boards, or digital tools.

- Design Brief: They define the project's goals, requirements, and constraints, which guide the design process.

3. Schematic Design

- Initial Sketches: Students create rough sketches to explore different design options.
- Models: They may build physical models (using cardboard, foam, or other materials) or digital 3D models using software like Sketch Up or Rhino.

Project submission Should consist of booklet which includes Research and Inspiration, Concept Development and Schematic Design.

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 – 4th Year SEMESTER – VII

Title of the Course:	Landscape Design – I	L	S	Credit
Course Code:	CC-702	1	6	5

Course Description:

The Course Landscape explores the relation between exterior & interior space. It includes designing of different types of landscape to enhance interior project in day today life. The course plays important role in increasing urbanizations

Course Outcomes:

- **This is a value adding course which explores relation between indoor and outdoor space.**
- This course enables interior designer to design indoor garden, and small outdoor areas of terrace garden, kitchen garden, courtyard garden etc.
- Study of this course will give opportunity to students to enhance any indoor, outdoor space with gardening.
- Completion of this course will explore the opportunity to opt for specialization in landscape Design.

Teacher Assessment:

Assessment	Marks	Pass
Continues Internal Evaluation	25	13
Internal Oral Evaluation	25	13
External Oral Evaluation	-	-
End Semester Examination	-	-

Course Contents:

Unit 1 Study of various landscape elements

Unit 2 Study of plants (trees, & ground lovers in terms of their shape, size, form, color texture etc. study of various indoor as well as outdoor plants & their uses in landscape design.

Unit 3 Study of landscapes, their use in landscape.

Unit 4 Introductions to design principals & methodology of landscape design Through with the help of drawing portfolio through sketches, full scale drawing etc.

Reference: - 1. Landscape Design – Practical approach by Leroy G. Hannebaum

2. Landscape Graphics by Grant W, Reid Asla

3. The Creative Water Gardener by Andrew Wilson

4. Karu

SYLLABUS FOR B. Des – 4th Year SEMESTER – VII

Title of the Course:	Furniture Design - IV	L	S	Credit
Course Code:	ACE- 703	2	6	6

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.

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:

- This course is co-curricular course of interior design curriculum.
- This course enables students exploring furniture with respect to manufacturing technology, packing transport, material and detailing
- This course enable students explore opportunity to be furniture manufacturer
- This course enables students to explore opportunity to pursue higher education in the subject.

Teacher Assessment:

Assessment	Marks	Pass
Continues Internal Evaluation	25	13
Internal Oral Evaluation	25	13
External Oral Evaluation	100	50
End Semester Examination	-	-

Course Contents:

Unit 1. Study of modular furniture for different spaces.

Unit 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.

Unit. 3. Design and conceptualization to a full-scale model of product development with the final visual presentation.

Stages

- 1- Inspiration
- 2- Product development
- 3- Graphical Presentation
- 4- Working on Brand name
- 5- Final product
- 6- Visual merchandising

Students have to submit submission of above course in form of CAD Drawings, which includes Plan Elevation, Section, and 3D rendered views with model of furniture design.

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 – 4th Year SEMESTER – VII

Title of the Course:	Sustainable Design - II	L	S	Credit
Course Code:	ACE- 704	1	6	4

Course Description:

After the era of industrial revolution, the necessity of Sustainable Interiors is becoming an essential parameter. 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 in interior spaces.

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:

- This is a value adding course which explores the ever trendy concept sustainability
- Completion of Course ability to study green Concept
- Completion of Course study of energy conservation.
- Completion of Course will enable explore the opportunity for specialization

Teacher Assessment:

Assessment	Marks	Pass
Continues Internal Evaluation	25	13
Internal Oral Evaluation	25	13
External Oral Evaluation	-	-
End Semester Examination	-	-

Course Contents:

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

Unit 2 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 3 Introduction to software Like-Eco tech etc.

Unit 4 Study of Digital sustainable interior –IBMS (Intelligent Building Management system)

Unit 5 Design changes as per sustainability of material study. For example, U.S.A.-LEED, U.K.-BREEAM, India-GRIHA, IGBC, Eco housing etc.

Unit 6 Students have to make complete presentation of their design problem with regards to sustainability & IGBC, GRIHA certificate.

Students have to study in groups with co-operative analysis and submission of above course can be in Audio-visual presentation / Documentation / implementation in drawings etc..

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 – 4th Year SEMESTER – VII

Title of the Course:	OPEN ELECTIVES - VII	L	S	Credit
Course Code:	ACE- 705	1	1	2

Course Description:

As per the policy framework of skill development envisages that skilling will be integrated with formal education wide range of courses would be available across the discipline under course category of skill enhancement courses. This course open elective gives value added education skill enhancement of skill set to the syllabus required for the program in each year as per the need of industry and time.

Skill enhancement courses are classified into two categories i.e

1. Skill based

2. Value based

The set of open electives can be changed as per the need of the industry and time.

Course Outcome: -

After completing such courses, students have to submit the certificate to the commission college then after verification of the certificate the respective college will communicate the credit to the examination section of the university to deposit the credits in ABC.

- Open Electives credits will enhance skill based knowledge required for syllabus to be a designer and for higher education.
- Open Electives credits will enhance value based knowledge required for syllabus to be a designer and for higher education.
- This open elective will add knowledge to entire in to industry ever demanding interior industry.
- This open elective may give students to add to change, path to multi-disciplinary programs as anticipated in NEP 20 for industry or higher education.

Teachers Assessment:

Assessment	Marks	Pass
Continues Internal Evaluation	-	-
Internal Oral Evaluation	25	13
External Oral Evaluation	-	-
End Semester Examination	-	-

Course Content; -

1. Apparel Design

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

SYLLABUS FOR B. Des – 4th Year SEMESTER – VIII

Title of the Course:	Project Work – II	L	S	Credit
Course Code:	CC-801	10	20	12

Course Description:

Dissertation Project: The final year typically culminates in a dissertation project where students demonstrate their ability to independently research, conceptualize and execute design project under the guidance of faculty and mentors.

The Students 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, Overall, the process emphasizes creativity, critical thinking, and technical skills, preparing students for professional practice in architecture.

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 in syllabus.

After final year students are expected to enter in highly competitive professional world, after completion of this project work as a professional Interior Designer, so expected dedicate all his efforts with summarizing three years of skills and knowledge in Design, Design Execution Drawing with Service layout, Art appreciation, Estimation costing, etc.

Course Outcomes:

- Independent project of design (Research or Design Based) is to be prepared by the student with help of the Knowledge and skills acquired within a three years of syllabus.
- This Dissertation project will provide confidence in the student to execute them innovate concept in reality, after this project student are expected to enter in highly competitive professional world as an Interior Designer.
- Collaboration: Dissertation project often encourage teamwork and the sharing of ideas and skills. Overall, the process emphasizes creativity, critical thinking, and technical skills, preparing students for professional practice in interior.
- This Dissertation project will provide confidence in the students in term of wholesome interior design skills and knowledge. Which enable students to pursue higher education.
- Final outcome of dissertation project with final design proposal including all the units from the course content will give students a thorough experience of utilizing knowledge of each course in respective years in the four year's syllabus.

Teacher Assessment:

Assessment	Marks	Pass
Continues Internal Evaluation	200	100
Internal Oral Evaluation	300	150
External Oral Evaluation	300	150
End Semester Examination	-	-

Course Contents:

- Design oriented projects can be done in Residential, Commercial, Hospitality, Health Centers, Museums etc.
- Research oriented projects can be done in Lighting Design, Product Design, Study of Different Design Theories & Elements like Golden Mean Ratio etc. The final research conclusion of the project should be implemented in a drawing proposal of interior space like Residential, Commercial, Hospitality, Health Centers, Museums etc –
- Area for the dissertation project up to 1500 sq.mt, and Minimum area should not be less than 500 sqmt.

Unit a) – INTERIOR DESIGN -

Assessment	L	S	Credit
	2	8	6

The unit is an introduction to the students in converting systematic proposal of design into

Final proposal with the units from A to F and detailing of required element as per concern dissertation projects, etc.

Students should typically follow a structured process to design and build their dissertation projects, which can be broken down into several key stages like following.

1. Design Development -

- Refinement: Students should refine their designs based on feedback from peers and instructor's examiner team at the time of review oral in the 7th semester.
- Technical Drawings: The student should create detailed interior drawings, including floor plans, elevations, and sections, often using CAD software's.

2. Presentation -

- Visual Communication: Students prepare presentation boards, renderings, and sometimes videos to effectively communicate their design ideas.
- Critiques: They present their work in critiques where they receive feedback from faculty and peers.

3. Construction Documentation -

- Detailed Plans: They prepare construction documents that specify materials, dimensions, and assembly instructions.
- Material study and selection: Students should ensure their designs comply with proper study and selection of materials to the context of dissertation project.

4. Models -

- Scale Models: Students often build scale study models of their designs, which can be made from various materials.

OR

- Digital Fabrication: Some programs incorporate advanced techniques like 3D printing or laser cutting for model making.

5. Final Presentation -

- Exhibitions: Students may showcase their projects in exhibitions, presenting their work to the public and industry professionals.
- Portfolio Development: Students should compile their projects into a portfolio, highlighting their skills and design philosophy for future job opportunities.

6.Tools and Techniques

- Software: Familiarity with design software is crucial.
- Physical Models: Hands-on model-making skills are developed through workshops and studio classes.

Teacher Assessment:

Assessment	Marks	Pass
Continues Internal Evaluation	50	25
Internal Oral Evaluation	100	50
External Oral Evaluation	100	50
End Semester Examination	-	-

Unit b) DESIGN EXECUTION DRAWING -

Assessment	L	S	Credit
	4	8	4

The unit provides the technical base and knowledge of detail drawing for preparing final proposal of dissertation project. Design execution drawing plays a vital role in understanding critical design thought process implemented in drawing.

Students should select with the help of the faculty and peer's area from final design proposal not less than between 300 to 500 sqmt for preparing design execution drawing. Following drawings should be prepared by the students in this unit.

- Students should prepare working plan, elevation, section and details like ceiling, partitions, paneling, etc.
- Students should prepare one furniture detail of the above selected area with the help of the faculty.
- Service layouts
 1. Details of Electrical layout including Raceway, UPS data cabling layout, LAN, CCTV, public address system etc.
 2. Details of Plumbing which includes sanitary fixtures layout, plumbing layout, drainage layout etc.
 3. Details of HVAC which includes Drain and copper layout etc.
 4. Details of service layout of Fire which includes Fire extinguisher, Sprinkler layout, smoke detector etc.

Teacher Assessment:

Assessment	Marks	Pass
Continues Internal Evaluation	50	25
Internal Oral Evaluation	100	50
External Oral Evaluation	100	50
End Semester Examination	-	-

Unit c) – ART APPRECIATION

Assessment	L	S	Credit
	2	2	1

The unit Art appreciation is the study and understanding of the visual arts, including painting, sculpture, architecture, and other forms of expression.

It involves learning about the elements and principles of design and Visual Arts, as well as the historical and cultural context.

Students should select appropriate space from final design proposal with the help of the faculty and peers, for implementing art appreciation, principles of design which had been learnt from the course in the syllabus

Students should study following points and should present process including basic sketches to final output with the help of CAD drawing / Models/ product etc.

Unit 1 To deal with basic elements of design and application with Intellectual analytic critical aesthetics in the space selected for art appreciation with the process including basic sketches to final output.

Unit 2 To develop visual and aesthetical sense with the help of 2 and 3-dimension color theory in short principle of design in the space selected for art appreciation with the process including basic sketches to final output.

Unit 3 To enhance hand skills to understand importance of traditional art or modern craft etc in the space selected for art appreciation with the process including basic sketches to final output.

Teacher Assessment:

Assessment	Marks	Pass
Continues Internal Evaluation	50	25
Internal Oral Evaluation	50	25
External Oral Evaluation	50	25
End Semester Examination	-	-

Unit D) – ESTIMATION COSTING -

Assessment	L	S	Credit
	2	2	1

The estimating costing is the process of calculating an overall cost of project which will enable student to study material cost, labor cost and taxation included in the process.

Students should select with the help of the faculty and peer team area for estimating & costing not less than 100 sqmt. Following points should be prepared and submitted by the students in this unit.

- Volumetric Estimate of selected area for Interior and furniture design.
- Rate analyses for selected item
- Design of Specification for the selected area
- Study of tender document

Teacher Assessment:

Assessment	Marks	Pass
Continues Internal Evaluation	50	25
Internal Oral Evaluation	50	25
External Oral Evaluation	50	25
End Semester Examination	-	-

Students should submit above documents as a submission.

Portfolio should consist of drawings which includes conceptualization ideologies and explorations in design, working details, Use of Technology, Use of Materials, cost of the project 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. Neuferts Architect Data by Ernst & peter Neufert
4. E- Broucher, Net case Studies
5. Live case study of concern projects.
6. Building Construction – Metric by J. k Mckay
7. Construction for Interior Deisgn by Ralond Ashcroft.
8. Estimating and Costing in civil Engineering - B.N.Dutta
9. Estimating and Costing- J.R.Muley
10. Elements of estimating & costing – S.C.Rangawala
11. Architectural practice & procedure - Ar.V.S.Apate.
12. Professional practice for interior designers - Christine m. pitrowski, ASID, IIDA

SYLLABUS FOR B. Des – 4th Year SEMESTER – VIII

Title of the Course:	Landscape Design – II	L	S	Credit
Course Code:	CC-802	2	4	5

Course Description:

The Course Landscape explores the relation between exterior & interior space. It includes designing of different types of landscape to enhance interior project in day today life. The course plays important role in increasing urbanizations

Course Outcomes:

- This is a value adding course which explores relation between indoor and outdoor space.
- This course enables interior designer to design indoor garden, and small outdoor areas of terrace garden, kitchen garden, courtyard garden etc.
- Study of this course will give opportunity to students to enhance any indoor, outdoor space with gardening.
- Completion of this course will explore the opportunity to opt for specialization in landscape Design.

Teacher Assessment:

Assessment	Marks	Pass
Continues Internal Evaluation	50	25
Internal Oral Evaluation	100	50
External Oral Evaluation	100	50
End Semester Examination	-	-

Course Contents:

Unit 1 Introduction to Environmental Science such as pollution control, water treatment, rain water harvesting and recycling Landscape

Unit 2 Study of various landscape elements

Unit 3 Study of plants (trees, & ground lovers in terms of their shape, size, form, color texture etc. study of various indoor as well as outdoor plants & their uses in landscape design.

Unit 4 Study of landscapes, their use in landscape.

Unit 5 Introductions to design principals & methodology of landscape design. Through with the help of drawing portfolio through sketches, full scale drawing etc.

Reference: - 1. Landscape Design – Practical approach by Leroy G. Hannebaum

2. Landscape Graphics by Grant W, Reid Asla

3. The Creative Water Gardener by Andrew Wilson

4. Karu

SYLLABUS FOR B. Des – 4th Year SEMESTER – VIII

Title of the Course:	Practical Training & report	L	S	Credit
Course Code:	PTR - 803	-	-	3

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.

SYLLABUS FOR B. Des – 4th Year SEMESTER – VIII

Title of the Course:	OPEN ELECTIVES - VII	L	S	Credit
Course Code:	ACE- 804	1	1	2

Course Description:

As per the policy framework of skill development envisages that skilling will be integrated with formal education wide range of courses would be available across the discipline under course category of skill enhancement courses. This course open elective gives value added education skill enhancement of skill set to the syllabus required for the program in each year as per the need of industry and time.

Skill enhancement courses are classified into two categories i.e

1. Skill based
2. Value based

The set of open electives can be changed as per the need of the industry and time.

Course Outcome: -

After completing such courses, students have to submit the certificate to the commission college then after verification of the certificate the respective college will communicate the credit to the examination section of the university to deposit the credits in ABC.

- Open Electives credits will enhance skill based knowledge required for syllabus to be a designer and for higher education.
- Open Electives credits will enhance value based knowledge required for syllabus to be a designer and for higher education.
- This open elective will add knowledge to entire in to industry ever demanding interior industry.
- This open elective may give students to add to change, path to multi-disciplinary programs as anticipated in NEP 20 for industry or higher education.

Teachers Assessment:

Assessment	Marks	Pass
Continues Internal Evaluation	-	-
Internal Oral Evaluation	25	13
External Oral Evaluation	-	-
End Semester Examination	-	-

Course Content; -

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

Note - The set of open electives can be changed as per the need of the industry and time.