

University of Mumbai



No. AAMS (UG) // 52 of 2021

CIRCULAR:-


Attention of the Principals of the Affiliated Colleges and Directors of the recognized Institutions in Faculty of Science and Technology.

They are hereby informed that the recommendations made by the Ad-hoc Board of Studies in **Home Science** at its meeting held on 20th March, 2021 **vide** item No. 1(xi) and subsequently passed by the Board of Deans at its meeting held on 11th June, 2021 **vide** item No. 8.12 have been accepted by the Academic Council at its meeting held on 29th June, 2021, **vide** item No. 8.12 and subsequently approved by the Management Council at its meeting held on 29th July, 2021 **vide** item No. 16 and that in accordance therewith, in exercise of the powers conferred upon the Management Council under Section 74(4) of the Maharashtra Public Universities Act, 2016 (Mah. Act No. VI of 2017) the Ordinance 6695 & 6696 Regulations 9438 & 9439 and the syllabus of **Certificate Course in Interior Designing** has been introduced and the same have been brought into force with effect from the academic year **2022-23**, accordingly. (The same is available on the University's website www.mu.ac.in).

MUMBAI - 400 032

25th October, 2021

To,


(Sudhir S. Puranik)
REGISTRAR

The Principals of the Affiliated Colleges and Directors of the recognized Institutions in Faculty of Science and Technology. (Circular No. UG/334 of 2017-18 dated 9th January, 2018.)

A.C/8.12/29/06/2021

M.C/16/29/07/2021


No. AAMS (UG) // 52-A of 2021

MUMBAI-400 032

25th October, 2021

Copy forwarded with Compliments for information to:-

- 1) The Chairman, Board of Deans
- 2) The Dean, Faculty of Science and Technology,
- 3) The Chairman, Ad-hoc Board of Studies in Home Science,
- 4) The Director, Board of Examinations and Evaluation,
- 5) The Director, Board of Students Development,
- 6) The Co-ordinator, University Computerization Centre,


(Sudhir S. Puranik)
REGISTRAR

Copy to :-

- 1. The Deputy Registrar, Academic Authorities Meetings and Services (AAMS),**
- 2. The Deputy Registrar, College Affiliations & Development Department (CAD),**
- 3. The Deputy Registrar, (Admissions, Enrolment, Eligibility and Migration Department (AEM),**
- 4. The Deputy Registrar, Research Administration & Promotion Cell (RAPC),**
- 5. The Deputy Registrar, Executive Authorities Section (EA),**
- 6. The Deputy Registrar, PRO, Fort, (Publication Section),**
- 7. The Deputy Registrar, (Special Cell),**
- 8. The Deputy Registrar, Fort/ Vidyanagari Administration Department (FAD) (VAD), Record Section,**
- 9. The Director, Institute of Distance and Open Learning (IDOL Admin), Vidyanagari,**

They are requested to treat this as action taken report on the concerned resolution adopted by the Academic Council referred to in the above circular and that on separate Action Taken Report will be sent in this connection.

- 1. P.A to Hon'ble Vice-Chancellor,**
- 2. P.A Pro-Vice-Chancellor,**
- 3. P.A to Registrar,**
- 4. All Deans of all Faculties,**
- 5. P.A to Finance & Account Officers, (F.& A.O),**
- 6. P.A to Director, Board of Examinations and Evaluation,**
- 7. P.A to Director, Innovation, Incubation and Linkages,**
- 8. P.A to Director, Board of Lifelong Learning and Extension (BLLE),**
- 9. The Director, Dept. of Information and Communication Technology (DICT) (CCF & UCC), Vidyanagari,**
- 10. The Director of Board of Student Development,**
- 11. The Director, Department of Students Welfare (DSD),**
- 12. All Deputy Registrar, Examination House,**
- 13. The Deputy Registrars, Finance & Accounts Section,**
- 14. The Assistant Registrar, Administrative sub-Campus Thane,**
- 15. The Assistant Registrar, School of Engg. & Applied Sciences, Kalyan,**
- 16. The Assistant Registrar, Ratnagiri sub-centre, Ratnagiri,**
- 17. The Assistant Registrar, Constituent Colleges Unit,**
- 18. BUCTU,**
- 19. The Receptionist,**
- 20. The Telephone Operator,**
- 21. The Secretary MUASA**

for information.

**New Ordinances 6695 & 6696 relating to the
Certificate Course in Interior Designing.**

1. Necessity for starting this course:

The course on Interior Designing is carefully designed to enable the learner to make interior spaces aesthetic, beautiful and safe space to live in. The broad objective of these courses is to develop creative designers, who will be able to formulate, propose and carry out design solutions relevant to the needs of people and the environment.

2. The UGC has recommended to start this course.

Yes. The UGC has made a strong recommendation for Skill based courses, keeping in tune with the Government of India initiative of a National Design Policy. Such a course visualizes a design enabled industry and aim to have a positive impact on the quality of life and in tune to the national economy.

3. This course has not commenced in 2019-2020.

4. This is a proposed course, and it will be self financed.

5. This is a one-year diploma course.

The course is designed to provide professional training for the Interior Designing industry, and encompasses all the advanced skills needed to work in the industry. It would not be possible to compress this course

6. The intake capacity for this course is 30 students.

7. JOB OPPORTUNITES:-

- ✓ Assistant to the Junior Designer
- ✓ Assistant to the cad operator
- ✓ Sales person in the colour, furniture store, and allied
- ✓ Jr. Model making assistant
- ✓ Draftsman for manual drawings and assistant to cad drafting

AC- 29/06/2021
Item No. – 8.12(N)

UNIVERSITY OF MUMBAI



CERTIFICATE COURSE IN INTERIOR DESIGNING

(to be introduced with effect from the academic year 2022-23)

UNIVERSITY OF MUMBAI



Syllabus for Approval

Sr. No.	Heading	Particulars
1	Title of the Course O.6695	Certificate Course in Interior Designing
2	Eligibility for Admission O.6696	Std. XII or Equivalent
3	Passing Marks R - 9438	40%
4	Ordinances / Regulations (if any)	
5	No. of Years / Semesters R - 9439	1 year / 2 Semesters
6	Level	P.G. / U.G. / Diploma / Certificate (Strike out which is not applicable)
7	Pattern	Yearly / Semester (Strike out which is not applicable)
8	Status	New / Revised (Strike out which is not applicable)
9	To be implemented from Academic Year	From Academic Year 2022-23

Name & Signature of BOS Chairperson :

Dr. (Mrs.) Geeta Ibrahim

Name & Signature of Dean:

CERTIFICATE COURSE IN INTERIOR DESIGNING

Medium of Instruction: English

RATIONALE:-

The course on Interior Designing is carefully designed to enable the learner to make interior spaces aesthetic, beautiful and safe space to live in. The broad objective of these courses is to develop creative designers, who will be able to formulate, propose and carry out design solutions relevant to the needs of people and the environment. The core essence of this career is designing homes, commercial spaces, retail stores and corporate buildings.

The knowledge imparted through these courses will keep the learner well informed, through hands on training, and an updated course content.

The course entails all details an interior designer would need, right from meeting clients and designing the space requirements, working on a budget, presenting the ideas, understanding building regulations and finally executing the plan into actuals.. Interior Designing is an extremely popular career choice. Job opportunities are tremendous as the learner can start working with architectural or designing firms and become entrepreneurs in their own right.

Eligibility: STD XII or Equivalent

Fees Rs. 73,300 /- + GST applicable

Student intake capacity : 30

CERTIFICATE COURSE IN INTERIOR DESIGNING

SEMESTER – I

UNIT	SUBJECTS	INTERNAL MARKS	SEMESTER END EXAMINATION	TOTAL MARKS	TOTAL HOURS	CREDITS
1.	Components of Design and Materials used – (Theory)	40	60	100	45	3
2.	Foundation Course – (Practical)	40	60	100	45	3
3.	Furniture Construction – (Practical)	40	60	100	45	3
4.	Building Construction – (Practical)	40	60	100	45	3
5.	Design Basics – (Practical)	40	60	100	45	3
6.	Solid Geometry and Perspective View – (Practical)	40	60	100	45	3
7	Computer Applications	40	60	100	45	3

SR.NO	TITLE OF THE COURSE	HOURS PER WEEK	MARKS ALLOTTED	CREDITS
1.	Components of Design and Materials used – (Theory)	3	100	3

❖ **OBJECTIVES:-**

Components of Design:-

- To have an in-depth study of the elements and principles of design and the implications of Anthropometrics.

Materials used in Design:-

- To conduct a survey of different materials used with reference to the properties and usage.

COURSE CONTENT		HOURS
UNIT 1	<ul style="list-style-type: none"> • Elements of Design • Principles of Design 	15
UNIT 2	<ul style="list-style-type: none"> • Colour Theory • Anthropometry 	15
UNIT 3	<ul style="list-style-type: none"> • Ergonomics • Related furniture standards 	15

REFERENCES:-

1. Beazley, Mitchell & Calloway, Sephen : Elements of Style : An Encyclopaedia of Domestic architectural Details. London . Octopus Publishing Lts., 2005.
2. IFENGSPACE: Duplex Showflat. London . Octopus Publishing Ltd , 2005
3. Robertson E. Graeme & Robertson, Joan : Cast Iron Decoration World Survey. London. Thames and Hudson, 1977.

SR.NO	TITLE OF THE COURSE	HOURS PER WEEK	MARKS ALLOTTED	CREDITS
2.	Foundation course	3	100	3

❖ **OBJECTIVES:-**

- To develop a number of drawing skills using appropriate tools, equipment and materials.
- To develop observational skills and perception through drawings.
- To learn the art of drawing.

COURSE CONTENT		HOURS
UNIT 1	<ul style="list-style-type: none"> • Use of Equipment • Art of Rendering 	15
UNIT 2	<ul style="list-style-type: none"> • Introduction to shape and forms • Use of colour & colour schemes 	15
UNIT 3	<ul style="list-style-type: none"> • Introduction to Dimensional Drawings. 	15

REFERENCES:-

1. Heinz, Thomas, A.: The Life & Work Of Frank Lloyd Wright. Kent. Grange Books, 2002.
2. Interiors In Colors: An Inspirational Guidebook For Color At Home. Gloucester, Ma.. Rockport Publishers Inc., 2001
3. Aves, M. & Aves, J.: Interior Designers Showcase Of Color. Gloucester, Ma.. Rockport Publishers Inc.
4. The Colour Book. London. Mitchell Beazley/ Octopus Publishing Group Ltd., 1997.
5. Halse, Albert O.: Use Of Colour In Interiors. New York. Mcgraw - Hill Book Company, 1978.
6. Whiton, Sherrill: Elements Of Interior Design And Decoration. Philadelphia. J.B. Lippincott Co., 1963.

SR.NO	TITLE OF THE COURSE	HOURS PER WEEK	MARKS ALLOTTED	CREDITS
3.	Furniture Construction – (Practical)	3	100	3

❖ **OBJECTIVES:-**

- To design furniture and making a working drawing with sections.
- To understand materials, hardware, framework and finishes that could be applied.

COURSE CONTENT		HOURS
UNIT 1	<ul style="list-style-type: none"> • Introduction to furniture making • Use of timber for different purposes • Types of joints 	15
UNIT 2	<ul style="list-style-type: none"> • Technical use of equipments. • Joinery, Lengthening, Widening, • Corner joints in timber and ply 	15
UNIT 3	<ul style="list-style-type: none"> • Basic solid wooden furniture. • Residential furniture items • Sketch form, sizes and details 	15

REFERENCES: -

1. F D K Ching, Building Construction Illustrated, Van Nostrand
2. William P. Spence L. Duane Griffith, Furniture & Cabinet Construction, Prentice Hall Inc New Jersey
3. Mario Dal Fabro, How To Build Modern Furniture, McGraw Hill Book Company, New York.
4. William P. Spence L. Duane Griffith, Cabinet making, design & construction, Prentice Hall Inc. New Jersey
5. D.A.C.A. Boyne, Architects' Working Detail Vol. I/ III/ IV/ V & VIII, The Arch. Press Ltd. London

SR.NO	TITLE OF THE COURSE	HOURS PER WEEK	MARKS ALLOTTED	CREDITS
4.	Building Construction – (Practical)	3	100	3

❖ **OBJECTIVES:-**

- To gain insight into the study of walls, windows and doors.
- To study basic structural materials and terminology used.

COURSE CONTENT		HOURS
UNIT 1	<ul style="list-style-type: none"> • Terminology of construction related to interiors • Brick and its types • Brick bonds for making walls 	15
UNIT 2	<ul style="list-style-type: none"> • Types of masonries • Stone masonries and laying and joinery. • Openings in masonries 	15
UNIT 3	<ul style="list-style-type: none"> • Terminology of arches • Types of arches 	15

REFERENCES:

1. Mackay, Construction Technology Vol 1 to 4 –

SR.NO	TITLE OF THE COURSE	HOURS PER WEEK	MARKS ALLOTTED	CREDITS
5.	Design Basics – (Practical)	3	100	3

Objective:-

- To study the terms used in construction with reference to interior designing.
- To learn about masonry.
- To identify standards used in planning of spaces.
- To plan for a small room.

COURSE CONTENT		HOURS
UNIT 1	<ul style="list-style-type: none"> • Basic standards of planning spaces in interiors • Standards for the room planning along with its components • Standard drawings for the designing 	15
UNIT 2	<ul style="list-style-type: none"> • Small room planning project for residential 1 	15
UNIT 3	<ul style="list-style-type: none"> • Small room planning project for residential 2 	15

REFERENCES:-

1. Heinz, Thomas, A.: The Life & Work Of Frank Lloyd Wright. Kent. Grange Books, 2002.
2. Interiors In Colors: An Inspirational Guidebook For Color At Home. Gloucester, Ma.. Rockport Publishers Inc., 2001
3. Aves, M. & Aves, J.: Interior Designers Showcase Of Color. Gloucester, Ma.. Rockport Publishers Inc.
4. The Colour Book. London. Mitchell Beazley/ Octopus Publishing Group Ltd., 1997.
5. Halse, Albert O.: Use Of Colour In Interiors. New York. McGraw - Hill Book Company, 1978.
6. Whiton, Sherrill: Elements Of Interior Design And Decoration. Philadelphia. J.B. Lippincott Co., 1963.

SR.NO	TITLE OF THE COURSE	HOURS PER WEEK	MARKS ALLOTTED	CREDITS
6.	Solid Geometry and Perspective View – (Practical)	3	100	3

Objective:-

- To understand the concept of orthographic projectors.
- To obtain knowledge about application of solid geometry on objects and basic furniture.

COURSE CONTENT		HOURS
UNIT 1	<ul style="list-style-type: none"> • Introduction to orthographic projection. • Study of solid objects (e.g. Cube, pyramid, hexagon, cylinder, L shape, steps and arch) 	15
UNIT 2	<ul style="list-style-type: none"> • Orthographic Projectors study of solid geometric basic objects. • Orthographic Projectors study of basic furniture objects. • Orthographic Projectors study of composite objects and group of objects. 	15
UNIT 3	<ul style="list-style-type: none"> • Study of types of projection drawings. 	15

REFERENCES:-

1. N.D. Bhatt, Engineering drawing- Plane & Solid Geometry, Charottar Pub. Anand, Gujrat
2. S. C. Rein Koff, Interior Graphics and Design Standards, Whitney Library, New York
3. Robert W. Gill, The Thames and Hudson Manual of Rendering with pen and ink, Thames & Hudson ltd. London
4. Graphic Shaw, Interior Perspectives to Architectural Designs
5. Shankar Mulik, A Text Book of perspectives and graphics, Allied Pub. Bombay
6. F D K Ching, Perspective Drawing

SR.NO	TITLE OF THE COURSE	HOURS PER WEEK	MARKS ALLOTTED	CREDITS
7.	Computer Applications	3	100	3

Objectives:-

- To learn about software used in the interior designing industry.
- To use computer skills for effective presentations.

COURSE CONTENT		HOURS
UNIT 1	<ul style="list-style-type: none"> • General introduction for the interior related software. • PPT Presentation. 	15
UNIT 2	<ul style="list-style-type: none"> • Use of computer for the document presentation 	15
UNIT 3	<ul style="list-style-type: none"> • Use of computer for making pictorial document presentation. 	15

EVALUATION:

All subjects will be evaluated through

- Continuous assessment of sessional work in the form of assignments, drawings and tutorials.

SEMESTER – II

UNIT	SUBJECTS	INTERNAL MARKS	SEMESTER END EXAMINATION	TOTAL MARKS	TOTAL HOURS	CREDITS
1.	Components of Design and Materials used – (Theory)	40	60	100	45	3
2.	Furniture Construction – (Practical)	40	60	100	45	3
3.	Building Construction – (Practical)	40	60	100	45	3
4.	Design Basics – (Practical)	40	60	100	45	3
5.	Services – (Practical)	40	60	100	45	3
6.	Solid Geometry and Perspective View – (Practical)	40	60	100	45	3
7.	Computer Applications	40	60	100	45	3

SR.NO	TITLE OF THE COURSE	HOURS PER WEEK	MARKS ALLOTTED	CREDITS
1.	Components of Design and Materials used – (Theory)	3	100	3

OBJECTIVES:-

❖ MATERIALS IN INTERIORS:-

- To conduct an in-depth study of materials used for floors, and finishes used.
- To define the functional aspects of materials used in interiors.

COURSE CONTENT		HOURS
UNIT 1	<ul style="list-style-type: none"> • Detail study of different types of materials 	15
UNIT 2	<ul style="list-style-type: none"> • Study of floor materials. 	15
UNIT 3	<ul style="list-style-type: none"> • Study of finished material 	15

REFERENCES:-

1. Beazley, Mitchell & Calloway, Sephen : Elements of Style : An Encyclopaedia of Domestic architectural Details. London . Octopus Publishing Lts., 2005.
2. IFENGSPACE: Duplex Showflat. London . Octopus Publishing Ltd , 2005
3. Robertson E. Graeme & Robertson, Joan : Cast Iron Decoration World Survey. London. Thames and Hudson, 1977.

SR.NO	TITLE OF THE COURSE	HOURS PER WEEK	MARKS ALLOTTED	CREDITS
2.	Furniture Construction – (Practical)	3	100	3

❖ **OBJECTIVES:-**

- To study various aspects of wooden furniture.

COURSE CONTENT		HOURS
UNIT 1	<ul style="list-style-type: none"> • Basic solid wooden furniture. 	15
UNIT 2	<ul style="list-style-type: none"> • Basic solid plywood furniture 	15
UNIT 3	<ul style="list-style-type: none"> • Basic customization furniture making detailing 	15

REFERENCES: -

1. F D K Ching, Building Construction Illustrated, Van Nostrand
2. William P. Spence L. Duane Griffith, Furniture & Cabinet Construction, Prentice Hall Inc
New Jersey
3. Mario Dal Fabro, How To Build Modern Furniture, McGraw Hill Book Company, New York.
4. William P. Spence L. Duane Griffith, Cabinet making, design & construction, Prentice Hall Inc.
New Jersey
5. D.A.C.A. Boyne, Architects' Working Detail Vol. I/ III/ IV/ V & VIII, The Arch. Press Ltd.
London

SR.NO	TITLE OF THE COURSE	HOURS PER WEEK	MARKS ALLOTTED	CREDITS
3.	Building Construction – (Practical)	3	100	3

❖ **OBJECTIVES:-**

Objectives:-

- To gain insight into the properties and types of doors and windows.

COURSE CONTENT		HOURS
UNIT 1	• Teak wood Door and Types	15
UNIT 2	• Teak wood window and types	15
UNIT 3	• Structure of Wood, windows and Doors	15

REFERENCES:

1. Mackay, Construction Technology Vol 1 to 4 –

SR.NO	TITLE OF THE COURSE	HOURS PER WEEK	MARKS ALLOTTED	CREDITS
4.	Design Basics – (Practical)	3	100	3

Objective:-

- To design a 2BHK and make a drawing presentation.

COURSE CONTENT		HOURS
UNIT 1	<ul style="list-style-type: none"> • 2BHK Project full 	15
UNIT 2	<ul style="list-style-type: none"> • Conceptual design and approval of design 	15
UNIT 3	<ul style="list-style-type: none"> • Technical drawing • Presentation drawing. 	15

REFERENCES:-

1. Heinz, Thomas, A.: The Life & Work Of Frank Lloyd Wright. Kent. Grange Books, 2002.
2. Interiors In Colors: An Inspirational Guidebook For Color At Home. Gloucester, Ma.. Rockport Publishers Inc., 2001
3. Aves, M. & Aves, J.: Interior Designers Showcase Of Color. Gloucester, Ma.. Rockport Publishers Inc.
4. The Colour Book. London. Mitchell Beazley/ Octopus Publishing Group Ltd., 1997.
5. Halse, Albert O.: Use Of Colour In Interiors. New York. Mcgraw - Hill Book Company, 1978.
6. Whiton, Sherrill: Elements Of Interior Design And Decoration. Philadelphia. J.B. Lippincott Co., 1963.

SR.NO	TITLE OF THE COURSE	HOURS PER WEEK	MARKS ALLOTTED	CREDITS
5.	Services – (Practical)	3	100	3

❖ **OBJECTIVES:-**

- To study the working and design aspects of flooring, ceilings, electricity layout and basic plumbing.

COURSE CONTENT		HOURS
UNIT 1	<ul style="list-style-type: none"> • Residential project 	15
UNIT 2	<ul style="list-style-type: none"> • Basic electrical and schedule 	15
UNIT 3	<ul style="list-style-type: none"> • Basic plumbing. 	15

REFERENCES:

1. Rao M. Pratap: Interior Design : Principles And Practice. Delhi. Standard Publishers Distributors, 2007.

SR.NO	TITLE OF THE COURSE	HOURS PER WEEK	MARKS ALLOTTED	CREDITS
6.	Solid Geometry and Perspective View – (Practical)	3	100	3

❖ **OBJECTIVES:-**

- To learn the application of one point perspective in furniture and rooms.

COURSE CONTENT		HOURS
UNIT 1	<ul style="list-style-type: none"> • One time perspective view. 	15
UNIT 2	<ul style="list-style-type: none"> • Geometrical method single object and furniture. 	15
UNIT 3	<ul style="list-style-type: none"> • Direct method residential room. 	15

REFERENCES:-

1. N.D. Bhatt, Engineering drawing- Plane & Solid Geometry, Charottar Pub. Anand, Gujrat
2. S. C. Rein Koff, Interior Graphics and Design Standards, Whitney Library, New York
3. Robert W. Gill, The Thames and Hudson Manual of Rendering with pen and ink, Thames & Hudson ltd. London
4. Graphic Shaw, Interior Perspectives to Architectural Designs
5. Shankar Mulik, A Text Book of perspectives and graphics, Allied Pub. Bombay
6. F D K Ching, Perspective Drawing

SR.NO	TITLE OF THE COURSE	HOURS PER WEEK	MARKS ALLOTTED	CREDITS
7.	Computer Applications	3	100	3

❖ **OBJECTIVES:-**

- To learn computer application for designing interior spaces and making a presentation.

COURSE CONTENT		HOURS
UNIT 1	<ul style="list-style-type: none"> • Photoshop tool 	15
UNIT 2	<ul style="list-style-type: none"> • Auto CAD 	15
UNIT 3	<ul style="list-style-type: none"> • Presentation using Photoshop and Auto CAD 	15

EVALUATION:

All subjects will be evaluated through

- Continuous assessment of sessional work in the form of assignments, drawings and tutorials.

- ✓ Students to make presentation on selected topics which will be marked.
- ✓ Teaching inputs include field visits, seminars, market surveys, study tour, assignments and presentations in the above mentioned subjects.
- ✓ Students showcase their work at an annual exhibition which will be judged by eminent personalities from the field.
- ✓ Participation in design competitions and exhibitions.

❖ **JOB OPPORTUNITES:-**

- Assistant to the Junior Designer
- Assistant to the cad operator
- Sales person in the colour, furniture store, and allied,
- Jr. Model making assistant
- Draftsman for manual drawings and assistant to cad drafting

❖ Scheme of Examination:-

The performance of the learners shall be evaluated into 2 parts.

The learner's performance shall be assessed by internal assessment with 40% marks in the first part, by conducting the semester end examination with 60% marks in the second part.

The allocation of marks for the internal assessment and the semester end examinations are shown as below:

Theory:

Internal assessment 40%

Sr. No.	Evaluation Type	Marks
1	Curriculum based assignments A)Presentation with the use of ICT (10 marks) B)Project based assignments (20 marks)	30
2.	Active participation in routine class instructional deliveries	5
3.	Overall conduct as a responsible learner, communication and leadership qualities in organizing related academic activities.	5

Semester end theory examination: 60%

(Theory Exam will be of 2hr duration.)

Theory Question Paper Pattern:

There shall be 5 questions each of 12 marks. On each unit there will be 1 question. Question1 will be based on the entire syllabus.

All questions shall be compulsory with internal choice within the questions.

Questions will be subdivided into sub-questions a), b), c).....and the allocation of marks will depend on the weightage of the topic.

Practicals:

Internal assessment 40%

Sr. No.	Evaluation Type	Marks
1	Project based assignments based on the application of syllabus. (10 marks each)	30
2.	Journal/Portfolio	10

Semester end examination: 60%

(Practical Exam will be of 3hr. duration)

Sr. No	Evaluation Type	Marks
1	Design Studio work: Syllabus based (1 question)	25
2	Design Studio work: Application based on syllabus (1 question)	30
3	Viva	5