

Course Outcome Bachelor of Design(Interior)**Academic Year : 2023-2024****Programme Name : Bachelor of Design (Interior) 1194 - CBCS with NEP 20 / 1038 CBCS****Institute Name : Kalaprabodhini's Institute of Design ,Kolhapur****B. Des Part - I - 1194 CBCS WITH NEP - 2020
SEMESTER - I**

Sr. No.	Semester	Institute Course Code	Course Code	Title with Code No	Course Outcome No	Course Outcome
1	SEM I	1194	CC-101	Interior Design -I 89973	CO1	Apply principles of planning in interior design;
					CO2	Apply the anthropometric theory in interior design
					CO3	Select/list material for the interior design work;
					CO4	Select the products for given interior design work;
					CO5	Develop interior design for small residential building.
2	SEM I	1194	CC-102	Theory of Design & Visual Art -1 89974	CO1	Develop the design work considering basic elements of design;
					CO2	Apply principles of design in design work;
					CO3	Select color and texture to suit the visual effects, psychology and point of application;
					CO4	Sketch the design considering basic elements, principles and visual effects.

3	SEM I	1194	CC-103	Workshop -1 89975	CO1	Develop shapes and sizes from clay and ceramic;
					CO2	Select, handle and operate tools in making clay& ceramic models;
					CO3	Apply color scheme based on the object;
					CO4	Establish/demonstrate the design and craft skills.
4	SEM I	1194	CC-104	Building Technology -1 89976	CO1	Describe building material used in constructions;
					CO2	Select the building material suiting to the requirement/function/location of building;
					CO3	Distinguish and describe the functions of structures;
					CO4	Collect the samples of building material from the market;
					CO5	Draw and develop the different brick bonds and stone masonry structure;
					CO6	Select/ list/identify the tools required in construction and furniture making
5	SEM I	1194	CC-105	Graphics & CAD - 1 89977	CO1	Use the drawing and drafting tools and material;
					CO2	Draw plan, elevation and sections on the object;
					CO3	Draw different shapes by applications of trigonometry principles;
					CO4	Draw orthographic projections;
					CO5	Develop the surface by using drawing tools and CAD software;
					CO6	Use CAD software for developing the preliminary drawings.

6	SEM I	1194	CC-106	History -1 89978	CO1	Describe the Indus valley culture, Vedic architecture and Buddhist architecture;
					CO2	Describe the uniqueness of Indus valley culture, Vedic architecture and Buddhist architecture in view of design;
					CO3	Draw the features of Indus valley culture, Vedic architecture and Buddhist architecture;
					CO4	Describe the relationship between history and architecture.
7	SEM I	1194	AECC-107	Communication skills-1 89979	CO1	Demonstrate oral communication in presentation skills and team work;
					CO2	Apply the grammar principles in oral and written communication;
					CO3	Apply the principles of communication in practice;
					CO4	Write the descriptive essay/case study;
					CO5	Listen to conversation and Write notes and summary.
8	SEM I	1194	OE-108	Open Elective- 1	CO1	Importance of Yoga & Physical Management
					CO2	Importance of Personality Development
					CO3	Importance of Basic Product & Design
					CO4	Importance of Market Survey

**B. Des Part - I - 1194 CBCS WITH NEP - 2020
SEMESTER - II**

Sr. No.	Semester	Institute Course Code	Course Code	Title with Code No	Course Outcome No	Course Outcome
1	SEM II	1194	CC-201	Interior Design-II 89980	CO1	Apply principles of planning in efficient space planning;
					CO2	Perform the survey/space analysis for appealing harmonious interior environment;
					CO3	Design small space of 50Sq. Mt. for kitchen, bed room and study space by application of principal of efficient space planning;
					CO4	Select the products for given interior designwork;
					CO5	Develop interior design for small residentialbuilding.
2	SEM II	1194	CC-202	Theory of Design and Visual Arts-II 89981	CO1	Develop the 2D and 3D visual composition design work;
					CO2	Apply principles of color planning and textureplanning to suit the visual effects, psychology and point of application;
					CO3	Draw/demonstrate the furniture aesthetics ininterior design;
					CO4	Describe the fine arts like painting, musicpoetry and drams in context to design;
					CO5	Describe forms in relation to visual arts.
					CO1	Develop shapes and sizes from glass, bamboo, cane and wood;

3	SEM II	1194	CC-204	Workshop-II 89982	CO2	Select, handle and operate tools in making glass,bamboo, cane and wood models;
					CO3	Apply color scheme based on the object;
					CO4	Establish/demonstrate the design and craftskills.

4	SEM II	1194	CC-205	Building Technology-II 89983	CO1	Describe building material used in constructions;
					CO2	Select the building material such as glass, metal,wood suiting to the requirement/function/location of building;
					CO3	Describe the types and purpose of painting, varnishing polishing and wall papers;
					CO4	Describe the strength of material and its suitability for type of work/functions/purpose,
					CO5	Draw the sketches of different type of doors,windows and hardware;
					CO6	Collect the samples of building material fromthe market;
5	SEM II	1194	CC-106	Graphics and CAD-II 89984	CO1	Draw orthographic, oblique, Axonometric projections of the object/plan'
					CO2	apply techniques of 2D and 3D drawing in developing sociography, human figures and accessories;

					CO3	Use CAD software for modifying, editing text, dimension commands;
					CO4	Develop the 2D and 3D drawing by using thefor modifying, editing text, dimension commands.
6	SEM II	1194	AECC-107	Communication Skills-I 89986	CO1	Demonstrate presentation skills;
					CO2	Write the descriptive essay/case study/paragraph/précis writing;
					CO3	Develop the forms of professional correspondence;
					CO4	Apply the principles/elements of soft skill in communication.
7	SEM II	1194	CC-106	History-I 89985	CO1	Describe the design formats of furniture in Italian, English, French;
					CO2	Describe the significance of furniture;
					CO3	Describe the furniture design features from ancient world, middle age and modern furniturewith the help of sketching;
8	SEM II	1194	OE -108	Open Elective- 1	CO1	Basic Knowledge of Jewellery Design
					CO2	Business Communication & Presentation
					CO3	Resume, report & Proposal Writing
					CO4	Importance of Market Survey

**B. Des Part - II - 1194 CBCS WITH NEP - 2020
SEMESTER - III**

Sr. No.	Semester	Institute Course Code	Course Code	Title with Code No	Course Outcome No	Course Outcome
1	SEM III	1194	DSC –301	Interior Design-III (As it is from curriculum) Furniture Design-I	CO1	Innovative, creative Thinking in conceptualizing the giving space project.
					CO2	Use of Theory of Design given Space project
					CO3	Use of Different material in Creative way for the Interior Space Planning.
					CO4	Explore a variety of visual presentation techniques
					CO5	Explore verbal presentation skills to elaborate design projects
					CO6	Explore professional design acumen with enhanced skill of planning interior Project.
					CO7	Emphasis to the relationship of space to the contextual environment, achieving design interpretations through client profiling, case study & framing of requirements.

					CO6	Design a large space of 300 sqm. For residential, commercial space by application of theory of design, apply material
2	SEM III	1194	DSC - 302	Theory of Design & Visual Design Arts-III	CO1	Develop the visual arts and design work considering elements of design for developing design projects study of principal of design considering multi activity residential spaces
					CO2	Use of color theory for multi activity residential species
					CO3	Over all developing visual arts and aesthetical approach for the further complex nature design project

3	SEM III	1194	AECC-303	Workshop-III	CO1	Prepare block models, preliminary models and finished models by using metal, plaster of Paris;
					CO2	Use tools and develop hands on skills to use materials for preparing models;
					CO3	Demonstrate/apply the principle of surface forming, texture and forms.
4	SEM III	1194	CC- 304	Interior Technology and Material-I	CO1	Apply knowledge of construction material, methods and processes to transform idea in to design;
					CO2	Develop the design for staircase, upholstery materials and partition and paneling;
					CO3	Compare different design suiting the purpose/functions and principles of design.
5	SEM III	1194	CC-305	Interior Services-I	CO1	Describe the different classification and functions of sanitary fixtures;
					CO2	Develop the drawing/plan of drainage system, plumbing system and water supply system inclusive of hot water & cold water supply;
					CO3	Estimating, analyzing the quality and quantity of water require for different purpose ;
					CO4	Draw the sketches of fittings and parts required in drainage and water supply systems;
					CO5	Describe different types of water heating equipment with respect to specification and capacity.
6	SEM III	1194	DSC-306	Graphics-III	CO1	Apply principles of one point and two point perspective of simple objects and interior design;
					CO2	Develop perspective of interactive design at different levels.

7	SEM III	1194	AECC-307	History – III	CO1	Describe the material cultures and life styles associated with Indian and European architecture;
					CO2	Describe with sketch/drawing the temple architecture, Egyptian, Greek and Roman architecture;
					CO3	Apply the principles of design in different culture in the development of design/furniture design.
8	SEM III	1194	AECC-308	Presentation Techniques-I	CO1	Use techniques of 3D presentation built form manually and by using computer skills;
					CO2	Use techniques of productivity and management payers and symbol generations;
					CO3	Operate drafting and presentation by using software.

**B. Des Part - II - 1194 CBCS WITH NEP - 2020
SEMESTER - IV**

Sr. No.	Semester	Institute Course Code	Course Code	Title with Code No	Course Outcome No	Course Outcome
1	SEM IV	1194	DSC- 401	Interior Design-IV	CO1	Innovative, creative Thinking in conceptualizing the giving space project.
					CO2	Use of Theory of Design given Space project
					CO3	Use of Different material in Creative way for the Interior Space Planning.
					CO4	Explore professional design acumen with enhanced skill of planning interior Project.
					CO5	Emphasis to the relationship of space to the contextual environment, achieving design interpretations through client profiling, case study & framing of requirements.
					CO6	Application of advanced knowledge to materials used, construction techniques, furniture & services while designing highly complex and complicated spaces.
					CO7	Explore professional design acumen with enhanced skill of planning interior Project.
2	SEM IV	1194	DSC – 402	Theory of Design & VisualDesign Arts-IV	CO1	Annalise the visual arts with respect to theoretic, discursive, analytic and critical aesthetics;
					CO2	Develop visuals in different forms;
					CO3	Demonstrate skills for applying techniques,technology and hand skills.
3	SEM IV	1194	AECC- 403	Workshop-IV	CO1	Prepare block models, preliminary models and finished models by using metal, plaster of Paris;
					CO2	Use tools and develop hands on skills to usematerials for preparing models;

					CO3	Demonstrate/apply the principle of surface forming, texture and forms.
4	SEM IV	1194	CC- 404	Interior Technology and Material-II	CO1	Apply knowledge of construction material, methods and processes to transform idea in to design;
					CO2	Develop the design for False sealing, flooring and metal;
					CO3	Compare different materials and design of for False sealing, flooring and metal suiting the purpose/functions and principles of design.

5	SEM IV	1194	CC - 405	Interior Services-II	CO1	Describe the different classification and functions of lighting, climatology and fireprotection;
					CO2	Develop the drawing/plan lighting and fire system;
					CO3	Draw the sketches of lighting systems and ventilators;
					CO4	Describe different types of fire protection systems and equipment.
6	SEM IV	1194	DSC - 406	Graphics-IV	CO1	Demonstrate/Develop the shades and shadows in interior design;
					CO2	Apply principles of two point and 3 point in perspective of simple objects and interior design;
					CO3	Develop perspective of interactive design in 3D sketching.
7	SEM IV	1028	AECC - 407	History – IV	CO1	Describe the material cultures and life styles associated with different cultures;
					CO2	Describe with sketch/drawing the features of different architecture;
					CO3	Apply the principles of design in different culture in the development of design/furniture design.

8	SEM IV	1194	AECC-408	Presentation Techniques-II	CO1	Use techniques of 3D modeling;
					CO2	Apply the lighting aspects of 3D models;
					CO3	Use techniques of productivity and management payers and symbol generations;
					CO4	Operate/ use different commands for drafting and presentation and viewing by using software.

B. Des Part - III - 1038 CBCS**SEMESTER - V**

Sr. No.	Semester	Institute Course Code	Course Code	Title with Code No	Course Outcome No	Course Outcome
1	SEM V	1038	CC -501	Interior Design-V 85521	CO1	Describe the modular space furniture with respect to manufacturing technology, packing, transport, material and detailing;
			DSE-502	Furniture Design-III 85522	CO2	Design Modular furniture ;
					CO3	Develop full-size drawing and prototype;
					CO4	Develop datelines of furniture.
2	SEM V	1038	CC -503	Design Execution Drawing - I 85523	CO1	Make technical drawing;
					CO2	Execute the design in to actual;
					CO3	Explain the execution of drawing in to actual.
3	SEM V	1038	DSE- 504	Landscape Design - I 85524	CO1	Apply design principles and methodology of landscape design;
					CO2	Select the indoor and outdoor plants based onthe design and client's demand;
					CO3	Describe different elements of landscape.
4	SEM V	1038	CC- 505	Interior Technology & Material – III 85525	CO1	Apply advance concept of the art & technique or construction;
					CO2	Transforming design ideas in to actual form;
					CO3	Describe the systems serving entire building.

5	SEM V	1038	CC- 505	Interior Services - III 85526	CO1	Describing the elements considered in the selection of A,C., Artificial lighting, security systems and acoustics and sound insulating materials;
					CO2	Plan lighting and wiring system;
					CO3	Select the acoustic and sound insulating material;
					CO4	Describe A.C. systems, its types and specifications.
6	SEM V	1038	CC-507	Estimating, Costing & Professional Practice - I 85527	CO1	Apply different methods for estimating of material;
					CO2	Prepare estimate for interior design scheme;
					CO3	Estimate single and multiple items of the design;
					CO4	Describe different methods of estimating
7	SEM V	1038	CC-507	Professional Practice-I	CO1	Describe the characteristics/attributes of interior designer professionals;
					CO2	Describe the educational and professional requirements to be a interior designer;
					CO3	Describe the different functions of profession in business activities.
8	SEM V	1038	GE-509	Elective - I 85529	CO1	Humanity
					CO2	History
					CO3	Art, craft & Management.
9	SEM V	1038	ACE-508	Sustainable Interiors - I 85528	CO1	Course explores the ever trendy concept sustainability
					CO2	Explore ability to study sustainable material.
					CO3	Explore ability to study green Concept

					CO4	Explore study of energy conservation.
					CO5	The course will give knowledge of sustainable concept and explore the opportunity for specialization

**B. Des Part - III - 1038 CBCS
SEMESTER - VI**

1	SEM VI	1038	CC- 601	Interior Design-VI	CO1	Describe the modular space furniture with respect to manufacturing technology, packing , transport, material and detailing;
			DSE-602	85531	CO2	Design Modular furniture ;
				Furniture Design-IV	CO3	Develop full-size drawing and prototype;
				85532	CO4	Develop datelines of furniture.
2	SEM VI	1038	CC -603	Design Execution Drawing - II	CO1	Make technical drawing for 2-3 interior design projects one each in residential and commercialproject;
				85533	CO2	Use manual and computer tools in designing;
					CO3	Execute the design in to actual;
					CO4	Explain the execution of drawing in to actual.
3	SEM VI	1038	DEC- 604	Landscape Design - II	CO1	Apply design principles and methodology of landscape design;
				85534	CO2	Select the indoor and outdoor plants based onthe design and client’s demand;
					CO3	Describe different elements of landscape.
4	SEM VI	1038	CC- 605	Interior Technology & Material-IV	CO1	Apply advance concept of the art & technique or construction;
				85535	CO2	Transforming design ideas in to actual form;
					CO3	Describe the systems serving entire building.

5	SEM VI	1038	CC- 606	Interior Services-IV 85536	CO1	Describing the elements considered in the highrise building interiors with respect to vertical transportation, water line/plumbing and fireprotection, sewage system;
					CO2	Plan lighting and wiring system;
					CO3	Describe different types and elements of swimming pool.
6	SEM VI	1038	CC-607	Estimating Costing & Professional Practice. - II 85537	CO1	Apply different methods for estimating and costing of material;
					CO2	Prepare estimate for interior design scheme;
					CO3	Estimate single and multiple items of the design;
					CO4	Describe the characteristics/attributes of interior designer professionals;
					CO5	Describe the roles of profession in site management, business correspondence and measurement records;
					CO6	Describe the different functions of profession in business activities.
7	SEM VI	1038	ACE-608	Sustainable Interiors - II 858538	CO1	Eco-furniture, reclaimed timber wood, eco palmwood, eco bamboo, lyptus wood, ecocork, formaldehyde free fiberboard & fsc certified fiberboard ,eco wheat board, strawboard, eco kirei board, rubber wood.
					CO2	Green interiors by indoor plants.
					CO3	Sustainable interiors by using human healthfriendly materials.
	SEM VI	1038	GE-609	Elective - II 85539	CO1	Humanity
					CO2	Hisrtory
					CO3	Art, craft & Management.

**B. Des Part - IV - 1038 CBCS
SEMESTER - VII**

Sr. No.	Semester	Institute Course Code	Course Code	Title with Code No	Course Outcome No	Course Outcome
1	SEM VII	1038	CC -701	Int. Design – VII 85541	CO1	Describe the modular space furniture with respect to manufacturing technology, packing, transport, material and detailing;
					CO2	Design Modular furniture ;
					CO3	Develop full-size drawing and prototype;
					CO4	Develop datelines of furniture.
2	SEM VII	1038	DSE-702	Furniture Design-V 85542	CO1	Modular in furniture design for offices spaces, education institute, health Facilities, and street elements, etc.
					CO2	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.
					CO3	Design of internal and external signage's required to express interior design Schemes.

1	SEM VIII	1038	CC - 801	Int. Design –VIII 85549	CO1	Design of large scale and specialized multi-functional interior species like Institutional problems related health,
					CO2	Education, corporate Offices, shopping and entertainment
					CO3	malls, Town squares, Airports, Bus stops, Railway stations, Boats, Ports etc.

2	SEM VIII	1038	CC -802	Design Execution Drawing – IV 85550	CO1	Make technical drawing for 2-3 interior design projects one each in residential and commercial project;
					CO2	Use manual and computer tools in designing;
					CO3	Execute the design in to actual;
					CO4	Explain the execution of drawing in to actual.
3	SEM VIII	1038	CC- 803	Project Work- II 85551	CO1	Apply design principles and methodology in practice under project work;
					CO2	Apply skill in designing, working details, materials, use of technology in the project work;
					CO3	Describe the experience in the project work as a design professional.

					CO1	Apply design principles and methodology in practice under project work;
4	SEM VIII	1038	ACE-804	Sustainable Interiors- IV 85552	CO1	Study of sustainable materials as per them design requirements & data collection.
					CO2	Design changes as per sustainability of material study.
					CO3	Students have to make complete presentation of their design problem with regards to sustainability & LEED certificate.
5	SEM VIII	1038	CC-805	Estimating Costing & Professional Practice – IV 85553	CO1	Apply different methods for estimating and costing of material;
					CO2	Prepare estimate for interior design scheme;
					CO3	Estimate single and multiple items of the design;
6	SEM VIII	1038	PTR	Practical Training & Report - 85554	CO1	Describe the characteristics/attributes of interior designer professionals;
					CO2	Describe the roles of profession in site management, business correspondence and measurement records;
					CO3	Describe the different functions of profession in business activities.