

INDUSTRIAL DESIGN

Visvesvaraya Technological University, Belagavi
BACHELOR OF DESIGN - INDUSTRIAL DESIGN
 Scheme of Teaching and Examination (2025-26)
 Outcome based Education (OBE) Choice Based Credit System (CBCS)

SEMESTER-III

SI No	Course category	Course Code	Title of the Subject	Teaching Dept	Teaching Hours / Week				Examination						Credits
					Lecture	Tutorial	Studio/ Practical	Total	Duration in Hours	CIE Marks	SEE Marks			Total	
											Theory Marks	Term Work	Viva Marks		
1	PCC	BDI3001	Industrial and Product Design (Concepts and Prototyping)	Des/Art/Craft/Arch	–	2	2	4	–	60	–	–	40	100	2
2	PCC	BDI3002	Science and Liberal Arts - I	Des/Art/Craft/Arch	1	–	–	1	2	50	50	–	–	100	1
3	PCC	BDI3003	Product Design	Des/Art/Craft/Arch	–	2	2	4	–	60	–	–	40	100	2
4	PCC	BDI3004	SFS- Space - Form - Surface Studies - II	Des/Art/Craft/Arch	–	2	4	6		60	–	–	40	100	3
5	PCC	BDI3005	Design Drawing - III	Des/Art/Craft/Arch	–	2	3	5	–	60	–	–	40	100	2
6	PCC	BDI3006	Materials Production Processes - I	Des/Art/Craft/Arch	–	2	4	6	–	60	–	–	40	100	3
7	PCC	BDI3007	History of Art and Design- III	Des/Art/Craft/Arch	1	–	–	1	2	50	50	–	–	100	1
8	PCC	BDI3008	Design Project - I	Des/Art/Craft/Arch		2	2	4	–	60	–	–	40	100	2
9	PCC	BDI3009	Human Factors and Ergonomics - I	Des/Art/Craft/Arch	–	2	2	4	–	60	–	–	40	100	2
10	SEC	BDI3210	Woodworking Workshop / Craft Workshop	Des/Art/Craft/Arch	–	2	2	4	–	60	–	–	40	100	2
11	HSMC	BENGK106-206/ 21HUM18/ BDI3511	Communicative English	Humanities	1	–	–	1	2	50	50	–	–	100	1
12	AEC	BSCK 308 / BDI3312	Social Connect & Responsibility	Any Dept	1	–	–	1	2	50	50	–	–	100	1
										680	200		320	1200	22

Pattern of course/subject with categories are as follows:

PCC : Professional Core courses mentioned as Bxxx0xx (B- Bachelors, 0- PCC Courses)

OEC : Open Electives Courses as Bxxx1xx (B- Bachelors, 1- OEC Courses)

SEC : Skill Enhancement Courses as Bxxx2xx (B- Bachelors, 2- SEC Courses)

AEC : Ability Enhancement Courses as Bxxx3xx (B- Bachelors, 3- AEC Courses)

CEC : Core Electives Courses as Bxxx4xx (B- Bachelors, 4- CEC Courses)

HSMC : Humanity Science & Management Course as BXXX5XX (B- Bachelors, 5- HSMC Courses)

Progressive Assessment : (Continuous Internal Evaluation)(CIE) to be awarded by the subject teacher.Semester End Examination (SEE) will be conducted by VTU. Term work & Viva Voce examination shall be conducted jointly by one internal & one external examiner appointed by the University.Minimum Marks to be secured in CIE for passing: 50%. Theory (SEE) marks, Term work marks and Viva marks : 40 % in each.

Open and Core Electives :

Elective courses will provide some of the most valuable and memorable learning experiences in the Design program. The design electives allow students to diversify or concentrate their areas of knowledge.

Students may select courses in digital applications, history and theory, advanced drawing, photography, visual training, design, management, and specialized independent studies.

Advanced courses in materials, construction technology, energy-conscious design and structures emphasize the interrelationship of engineering and design. At the same time, digitally-enriched electives will maximize you're readiness to use tomorrow's most sophisticated design, analysis, and presentation tools. Courses in entrepreneurship, project and design management and other subjects will prepare you for the day-to-day practice of design.

Open Elective Course(OEC) enables an exposure to some other disciple or domain to nurture the candidate's proficiency or skill. Open Electives can be choosen from the approved list of the institution, from subjects of study other than Design which will add value to the course and enable the overall development of the student.

21KBK37 Balake Kannada is for non-Kannada speaking, reading, and writing students, and

21KSK37 Samskrutika Kannada is for students who speak, read and write Kannada.

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SEMESTER-IV

Sl No	Course category	Course Code	Title of the Subject	Teaching Dept	Teaching Hours / Week				Examination						Credits
					Lecture	Tutorial	Studio/ Practical	Total	Duration in Hours	CIE Marks	SEE Marks			Total	
											Theory Marks	Term Work	Viva Marks		
1	PCC	BDI4001	Interior and Furniture Design	Des/Art/Craft/Arch	–	2	4	6	–	60	–	–	40	100	3
2	AEC	BDI4302	Science and Liberal Arts - II	Des/Art/Craft/Arch	1		–	1	2	50	50	–	–	100	1
3	PCC	BDI4003	History of Art and Design- IV	Des/Art/Craft/Arch	1		–	1	2	50	50	–	–	100	1
4	PCC	BDI4004	Human Factors and Ergonomics - II	Des/Art/Craft/Arch	–	2	4	6	–	60	–	–	40	100	3
5	PCC	BDI4005	Materials & Manufacturing Processes -II	Des/Art/Craft/Arch	–	2	6	8	–	60	–	–	40	100	4
6	AEC	BDI4306	Design Management – (Professional Practices and Procedures)	Des/Art/Craft/Arch	1		–	1	2	50	50	–	–	100	1
7	PCC	BDI4007	Design Project - II	Des/Art/Craft/Arch	–	2	6	8	–	60	–	–	40	100	4
8	SEC	BDI4208	Digital Applications and Methods - III	Des/Art/Engg	–	2	2	4	–	60	–	–	40	100	2
9	SEC	BDI4209	Craft Research and Documentation - I	Des/Art/Craft/Arch	–	2	4	6	–	60	–	–	40	100	3
										630	50	–	320	900	22

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OEC : Open Electives Courses as Bxxx1xx (B- Bachelors, 1- OEC Courses)

SEC : Skill Enhancement Courses as Bxxx2xx (B- Bachelors, 2- SEC Courses)

AEC : Ability Enhancement Courses as Bxxx3xx (B- Bachelors, 3- AEC Courses)

CEC : Core Electives Courses as Bxxx4xx (B- Bachelors, 4- CEC Courses)

HSMC : Humanity Science & Management Course as BXXX5XX (B- Bachelors, 5- HSMC Courses)

Progressive Assessment : (Continuous Internal Evaluation)(CIE) to be awarded by the subject teacher.Semester End Examination (SEE) will be conducted by VTU. Term work & Viva Voce examination shall be conducted jointly by one internal & one external examiner appointed by the University.Minimum Marks to be secured in CIE for passing: 50%. Theory (SEE) marks, Term work marks and Viva marks : 40 % in each.

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SEMESTER-V

SI No	Course category	Course Code	Title of the Subject	Teaching Dept	Teaching Hours / Week				Examination					Credits	
					Lecture	Tutorial	Studio/ Practical	Total	Duration in Hours	CIE Marks	SEE Marks				Total
											Theory Marks	Term Work	Viva Marks		
1	PCC	BDI5001	Sustainable Design Practices	Des/Art/Craft/Arch	–	2	4	6	–	60	–	–	40	100	3
2	PCC	BDI5002	Advanced Interior and Furniture Design	Des/Art/Craft/Arch	–	2	4	6	–	60	–	–	40	100	2
4	SEC	BDI5203	Research Methodology	Des/Art/Craft/Arch	1			1	–	60	–	–	40	100	1
5	PCC	BDI5004	Design Project - III	Des/Art/Craft/Arch	–	2	6	8	–	60	–	–	40	100	4
6	SEC	BDI5205	Digital Applications and Methods - IV	Des/Art/Engg	–	2	2	4	–	60	–	–	40	100	2
7	PCC	BDI5006	Design Research and Intellectual Property	Des/Art/Craft/Arch	2		–	2	–	50	–	50	–	100	2
8	PCC	BDI5007	Transportation & Automobile : Introduction, Sketching and Modeling	Des/Art/Craft/Arch	–	2	4	6	–	60	–	–	40	100	3
9	SEC	BDI5208	Photography	Des/Art/Craft/Arch	–	2	2	4	–	60	–	–	40	100	2
10	PCC	BDI5009	History of Art and Design - V	Des/Art/Craft/Arch	1		–	1	2	50	50	–	–	100	1
11	SEC	BDI5210	Craft Research and Documentation - II	Des/Art/Craft/Arch	–	2	2	4	–	60	–	–	40	100	2
										470	50	50	280	1000	22

Pattern of course/subject with categories are as follows:

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OEC : Open Electives Courses as Bxxx1xx (B- Bachelors, 1- OEC Courses)

SEC : Skill Enhancement Courses as Bxxx2xx (B- Bachelors, 2- SEC Courses)

AEC : Ability Enhancement Courses as Bxxx3xx (B- Bachelors, 3- AEC Courses)

CEC : Core Electives Courses as Bxxx4xx (B- Bachelors, 4- CEC Courses)

HSMC : Humanity Science & Management Course as BXXX5XX (B- Bachelors, 5- HSMC Courses)

Progressive Assessment : (Continuous Internal Evaluation)(CIE) to be awarded by the subject teacher.Semester End Examination (SEE) will be conducted by VTU. Term work & Viva Voce examination shall be conducted jointly by one internal & one external examiner appointed by the University.Minimum Marks to be secured in CIE for passing: 50%. Theory (SEE) marks, Term work marks and Viva marks : 40 % in each.

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SEMESTER-VI

Sl No	Course category	Course Code	Title of the Subject	Teaching Dept	Teaching Hours / Week				Examination					Credits	
					Lecture	Tutorial	Studio/ Practical	Total	Duration in Hours	CIE Marks	SEE Marks				Total
											Theory Marks	Term Work	Viva Marks		
1	PCC	BDI6001	Advanced Transportation Design	Des/Art/Craft/Arch	–	2	4	6	–	60	–	–	40	100	3
2	PCC	BDI6002	Toy and Game Design	Des/Art/Craft/Arch	–	2	4	6		60	–	–	40	100	3
3	PCC	BDI6003	Design Project - VI	Des/Art/Craft/Arch	–	2	4	6	–	60	–	–	40	100	3
4	PCC	BDI6004	Design Project - V	Des/Art/Craft/Arch	–	2	6	8	–	60	–	–	40	100	4
6	PCC	BDI6005	Materials & Manufacturing Processes - III	Des/Art/Craft/Arch	–	2	2	4	–	60	–	–	40	100	2
7	AEC	BDI6306	Design Management – (Entrepreneurship)	Des/Art/Craft/Arch	1		–	1	–	50	50	–	–	100	1
8	PCC	BDI6007	Portfolio Development -1	Des/Art/Craft/Arch	–	2	2	4	–	60	–	–	40	100	2
9	PCC	BDI6008	Marketing & Media and Brand Promotion	Des/Art/Craft/Arch	1	2	–	3	2	50	–	50	–	100	2
									–	460	50	50	240	800	20

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OEC : Open Electives Courses as Bxxx1xx (B- Bachelors, 1- OEC Courses)	
SEC : Skill Enhancement Courses as Bxxx2xx (B- Bachelors, 2- SEC Courses)	
AEC : Ability Enhancement Courses as Bxxx3xx (B- Bachelors, 3- AEC Courses)	
CEC : Core Electives Courses as Bxxx4xx (B- Bachelors, 4- CEC Courses)	
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SEMESTER-VII

SI No	Course category	Course Code	Title of the Subject	Teaching Dept	Teaching Hours / Week				Examination						Credits
					Lecture	Tutorial	Studio/ Practical	Total	Duration in Hours	CIE Marks	SEE Marks			Total	
											Theory Marks	Term Work	Viva Marks		
1	SEC	BDI7201	Photography - II	Des/Art/Craft/Arch	–	–	2	2	–	60	–	–	40	100	1
2	PCC	BDI7002	Portfolio Development -II	Des/Art/Craft/Arch	–	–	2	2	–	60	–	–	40	100	1
3	PCC	BDI7003	Dissertation	Des/Art/Craft/Arch	–	2	10	6	–	120	–	–	80	200	6
4	SEC	BDI7204	Summer Internship	Des/Art/Craft/Arch	–	–	16	8	–	180	–	–	120	300	8
										420			280	700	16

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AEC : Ability Enhancement Courses as Bxxx3xx (B- Bachelors, 3- AEC Courses)

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SEMESTER-VIII															
SI No	Course category	Course Code	Title of the Subject	Teaching Dept	Teaching Hours / Week				Examination						Credits
					Lecture	Tutorial	Studio/ Practical	Total	Duration in Hours	CIE Marks	SEE Marks			Total	
											Theory Marks	Term Work	Viva Marks		
1	PCC	BDI8001	Graduation Project	Des/Art/Craft/Arch	2	4	28	34	–	420	–	–	280	700	18
									–	420			280	700	18

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AEC : Ability Enhancement Courses as Bxxx3xx (B- Bachelors, 3- AEC Courses)	
CEC : Core Electives Courses as Bxxx4xx (B- Bachelors, 4- CEC Courses)	
HSMC : Humanity Science & Management Course as BXXX5XX (B- Bachelors, 5- HSMC Courses)	