



Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore

Shri Vaishnav Institute of Architecture

B. Des in Product Design

Sr. No.	Course Code	Course Typology	Course Name	TEACHING SCHEME/WEEK				EXAMINATION SCHEME					TOTAL MARKS
				L	T	S	CREDITS	THEORY			PRACTICAL		
								End Sem University Exam (50% or 40%)	Two Term Exam (20%)	Teachers Assessment* (20% or 30%)	End Sem University Exam (50%)	Teachers Assessment* (50%)	
1	BDES PD 301	STUDIO	DESIGN STUDIO 2- PRODUCT DESIGN PROCESS BASED	0	0	8	8	0	0	0	200	200	400

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P – Practical; C - Credit;

***Teacher Assessment** shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

UNIT – II

The objectives are to encourage students to extend their viewpoint beyond conventional solutions, to create a deep sense of details and materials. Various exercises such as brainstorming, mind mapping, key words generation etc. **24HRS**

UNIT – III

DESIGN RESEARCH -Qualitative and qualitative research methodology, Questionnaire design, validation, repeatability testing, psychophysical scales.

24HRS

UNIT – IV

DESIGN PROCESS- Importance of Human factors in product design; Creative techniques and tools for Concept generation, concept evaluation; Product prototyping, tools and techniques for model making and prototyping, introduction to prototype driven innovation.

24HRS

UNIT – V

DESIGN TECHNOLOGY -Design technology related to product design **24HRS**

Suggested Reference Books

1. J.Christopher Jones- Design Methods
2. Jennifer Hudson – 1000 new designs 2 and where to find them
3. Manfred Maier – Basic principles of Design

Chairperson	Chairperson	Controller of Examination	Joint Registrar
Board of Studies	Faculty of Studies	Shri Vaishnav Vidyapeeth	Shri Vaishnav Vidyapeeth
Shri Vaishnav Vidyapeeth	Shri Vaishnav Vidyapeeth	Vishwavidyalaya,Indore	Vishwavidyalaya,Indore
Vishwavidyalaya,Indore	Vishwavidyalaya,Indore		



Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore

Shri Vaishnav Institute of Architecture

B. Des in Product Design

BDES PD 302 – NATURE OF MATERIALS AND PROCESSES – I

Sr. No.	Course Code	Course Typology	Course Name	TEACHING SCHEME/WEEK			CREDITS	EXAMINATION SCHEME					TOTAL MARKS
				L	T	S		THEORY			PRACTICAL		
								End Sem University Exam (50% or 40%)	Two Term Exam (20%)	Teachers Assessment* (20% or 30%)	End Sem University Exam (50%)	Teachers Assessment* (50%)	
2	BDES PD 302	THEORY+S TUDIO	NATURE OF MATERIALS AND PROCESSES-I AND PROTOTYPING	2	1	1	4	50	20	30	0	100	200

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P – Practical; C - Credit;

***Teacher Assessment** shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

Course Educational Objectives (CEOs):

CEO 1- To understand how the properties of materials influence the welding methods of within and between different types of materials.

Course Outcomes (COs):

CO 1- Understand basic knowledge of materials and techniques of different materials

CO 2- Learning on Materials and its manufacturing processes along with machinery involved in it.

CO 3- To understand the influence of economical, ethical and environmental aspects when choosing a method for production.

Syllabus

UNIT – I

INTRODUCTION - Machining workshop, tools and standards; Machining workshop: Lathe, shaper, drilling **12HRS**

UNIT – II

Manufacturing of Materials; Material Formation; Shaping and Joining, Emerging Materials; Sustainable Materials and Processes; Material Experience in Design **12HRS**

Chairperson Board of Studies Shri Vaishnav Vidyapeeth Vishwavidyalaya,Indore	Chairperson Faculty of Studies Shri Vaishnav Vidyapeeth Vishwavidyalaya,Indore	Controller of Examination Shri Vaishnav Vidyapeeth Vishwavidyalaya,Indore	Joint Registrar Shri Vaishnav Vidyapeeth Vishwavidyalaya,Indore
---	---	---	---



Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore

Shri Vaishnav Institute of Architecture

B. Des in Product Design

Sr. No.	Course Code	Course Typology	Course Name	TEACHING SCHEME/WEEK			CREDITS	EXAMINATION SCHEME					TOTAL MARKS
				L	T	S		THEORY			PRACTICAL		
								End Sem University Exam (50% or 40%)	Two Term Exam (20%)	Teachers Assessment* (20% or 30%)	End Sem University Exam (50%)	Teachers Assessment* (50%)	
2	BDES PD 302	THEORY+S TUDIO	NATURE OF MATERIALS AND PROCESSES-I AND PROTOTYPING	2	1	1	4	50	20	30	0	100	200

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P – Practical; C - Credit;

***Teacher Assessment** shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

UNIT – III

SHEET METAL AND TUBE PROCESSES -Shearing, bending, punching, blanking, rolling, edge rolling, pipe bending; **12HRS**

UNIT – IV

Introduction to casting, welding and joinery processes **12HRS**

UNIT – V

JOINING AND FORMING PROCESSES -Casting, welding and forging; Fasteners: screws, threads, rivets, gaskets, drilling, boring and tapping; Surface finishing: grinding, polishing, buffing, electroplating, sandblasting, knurling; **12HRS**

Suggested Book References

1. Murr, Lawrence E, Handbook of Materials Structures, Properties, Processing and Performance.
2. Ashby, M. F., & Johnson, K. (2013). Materials and design: the art and science of material selection in product design. Butterworth-Heinemann.
3. Lefteri, C. (2007). Making it: Manufacturing techniques for product design. Laurence King.
4. Ulrich, K. T. (2003). Product design and development. Tata McGraw-Hill Education.

Chairperson	Chairperson	Controller of Examination	Joint Registrar
Board of Studies	Faculty of Studies	Shri Vaishnav Vidyapeeth	Shri Vaishnav Vidyapeeth
Shri Vaishnav Vidyapeeth	Shri Vaishnav Vidyapeeth	Vishwavidyalaya,Indore	Vishwavidyalaya,Indore
Vishwavidyalaya,Indore	Vishwavidyalaya,Indore		



Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore

Shri Vaishnav Institute of Architecture

B. Des in Product Design

BDES PD 303 - PRODUCT ERGONOMICS – I

Sr. No.	Course Code	Course Typology	Course Name	TEACHING SCHEME/WEEK			CREDITS	EXAMINATION SCHEME					TOTAL MARKS
				L	T	S		THEORY			PRACTICAL		
								End Sem University Exam (50% or 40%)	Two Term Exam (20%)	Teachers Assessment* (20% or 30%)	End Sem University Exam (50%)	Teachers Assessment* (50%)	
3	BDES PD 303	THEORY+STU DIO	PRODUCT ERGONOMICS - I	2	0	1	3	50	20	30	0	50	150

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P – Practical; C - Credit;

***Teacher Assessment** shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

Course Educational Objectives (CEOs):

CEO 1- Introduction about human to machine interaction. Understanding how humans physically interact with products industrial design.

Course Outcomes (COs):

CO 1- Study of basic human measurements, in terms of scale and proportions

CO 2- Study data's on Anthropometry and different functional anthropometrics

CO 3- Observation and analysis of different human activities and requirements of spatial design.

Syllabus

UNIT – I

INTRODUCTION_ - Introduction to the concept of ergonomics in design **9HRS**

UNIT – II

HUMAN APPROACHES TO DESIGN -Discipline Approach; Human Physical Dimension Concern; Posture and Movement; **9HRS**

UNIT – III

Man-Machine Interaction Definition of Ergonomics and its application and overview, Concept of Man Machine Environment System **9HRS**

Chairperson
Board of Studies
Shri Vaishnav Vidyapeeth
Vishwavidyalaya,Indore

Chairperson
Faculty of Studies
Shri Vaishnav Vidyapeeth
Vishwavidyalaya,Indore

Controller of Examination
Shri Vaishnav Vidyapeeth
Vishwavidyalaya,Indore

Joint Registrar
Shri Vaishnav Vidyapeeth
Vishwavidyalaya,Indore



Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore

Shri Vaishnav Institute of Architecture

B. Des in Product Design

Sr. No.	Course Code	Course Typology	Course Name	TEACHING SCHEME/WEEK			CREDITS	EXAMINATION SCHEME					TOTAL MARKS
				L	T	S		THEORY			PRACTICAL		
								End Sem University Exam (50% or 40%)	Two Term Exam (20%)	Teachers Assessment* (20% or 30%)	End Sem University Exam (50%)	Teachers Assessment* (50%)	
3	BDES PD 303	THEORY+STU DIO	PRODUCT ERGONOMICS - I	2	0	1	3	50	20	30	0	50	150

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P – Practical; C - Credit;

***Teacher Assessment** shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks

UNIT – IV

About Anthropometry human measurements, need of it Anthropometrics. Understanding and applications of anthropometry; Posture, reach, grip and movement. **9HRS**

UNIT – V

Overview of Human body and its sub systems, Understanding musculoskeletal system and its function in terms of manual activities, ASPECTS OF DESIGN - Environments Factors and Ergonomic Design Process; Performance Support and Design Intervention. Behavior, Perception And Visual Issues. **9HRS**

Suggested Reference Books

1. M. S. Sanders and Ernest J. Mc Cormick: Human Factors in engineering and Design, McGraw-Hill Education;7 edition (January 1, 1993)
2. Ken Parsons: Human thermal environment, 2nd Edi., Taylor and Francis, 2003.
3. Human Dimension & Interior Space, Whitney Library of Design, New York, 1979.

Chairperson Board of Studies Shri Vaishnav Vidyapeeth Vishwavidyalaya,Indore	Chairperson Faculty of Studies Shri Vaishnav Vidyapeeth Vishwavidyalaya,Indore	Controller of Examination Shri Vaishnav Vidyapeeth Vishwavidyalaya,Indore	Joint Registrar Shri Vaishnav Vidyapeeth Vishwavidyalaya,Indore
---	---	---	---



Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore

Shri Vaishnav Institute of Architecture

B. Des in Product Design

BDES PD 304 - BASIC PHOTOGRAPHY AND TYPOGRAPHY

Sr. No.	Course Typology	Course Name	TEACHING SCHEME/WEEK			CREDITS	EXAMINATION SCHEME					TOTAL MARKS	
			L	T	S		THEORY			PRACTICAL			
							End Sem University Exam (50% or 40%)	Two Term Exam (20%)	Teachers Assessment* (20% or 30%)	End Sem University Exam (50%)	Teachers Assessment* (50%)		
4	BDES PD 304	STUDIO	BASIC PHOTOGRAPHY AND TYPOGRAPHY	0	0	3	3	0	0	0	75	75	150

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P – Practical; C - Credit;

***Teacher Assessment** shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

Course Educational Objectives (CEOs):

CEO 1- To explore the unique experience of ingenuity & creativity. The essence of creative domain can be achieved by exploring different technology, techniques, processes, concepts, compositions.

Course Outcomes (COs):

CO 1- Understand the basics of photography and typography and its techniques.

CO 2- Study how to incorporate typography in graphic illustrations and understanding the form technically.

CO 3- Demonstrate and explore different technology, techniques, processes, concepts, compositions.

Syllabus

UNIT – I

1. Photography- Introduction to Photography: History and Evolution, Camera Principles, Techniques and Applications. Introduction to Moving pictures: History and Evolution of Cinema, Video and Animation; Principles Techniques and Applications. Visual Identity Design **9HRS**

UNIT II-

Photography Basics and Digital Imaging Introduction to Photography: Subject, Background and foreground relationships. Photography techniques; Introduction to Image processing software, color correction, exposure correction, frame correction; Expression and Imagery, Time and space in Image; **9HRS**

Chairperson Board of Studies Shri Vaishnav Vidyapeeth Vishwavidyalaya,Indore	Chairperson Faculty of Studies Shri Vaishnav Vidyapeeth Vishwavidyalaya,Indore	Controller of Examination Shri Vaishnav Vidyapeeth Vishwavidyalaya,Indore	Joint Registrar Shri Vaishnav Vidyapeeth Vishwavidyalaya,Indore
---	---	---	---



Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore

Shri Vaishnav Institute of Architecture

B. Des in Product Design

Sr. No.	Course Typology	Course Name	TEACHING SCHEME/WEEK			CREDITS	EXAMINATION SCHEME					TOTAL MARKS	
			L	T	S		THEORY			PRACTICAL			
							End Sem University Exam (50% or 40%)	Two Term Exam (20%)	Teachers Assessment* (20% or 30%)	End Sem University Exam (50%)	Teachers Assessment* (50%)		
4	BDES PD 304	STUDIO	BASIC PHOTOGRAPHY AND TYPOGRAPHY	0	0	3	3	0	0	0	75	75	150

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P – Practical; C - Credit;

***Teacher Assessment** shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks

UNIT III-

Interaction with Light Highlights, shadow and reflection study of objects; Direct and indirect illumination **9HRS**

UNIT IV

2. Typography- Introduction to Typography; Typefaces and description; Typographic Anatomy ; Type Classification ; History of Type Development ;Typographic hierarchy and Grid system; Examples of Expressive and unconventional typography. Introduction to Print Media: Forms of Printing, History and Evolution Interrelation of Print and Digital Technologies, Applications. Photorealistic Visualization Rendering objects by observation Image Processing Migration of forms and Image manipulation, Digital Illustration Techniques Exposure and demonstration of Illustration and Image making software Digital sketching; Vector illustrations; Procedural Illustrations; **9HRS**

UNIT V-

Introduction to Identity Design, Branding and Rebranding; Applications in - Stationary Design, Template Design, Souvenir Design, Signage Design and Web Design. **9HRS**

Suggested Reference Books:

- Alex W. White, Advertising Design and Typography, **ISBN-10:** 1621534812
- Ellen Lupton, Thinking with Type, 2nd revised and expanded edition

Chairperson	Chairperson	Controller of Examination	Joint Registrar
Board of Studies	Faculty of Studies	Shri Vaishnav Vidyapeeth	Shri Vaishnav Vidyapeeth
Shri Vaishnav Vidyapeeth	Shri Vaishnav Vidyapeeth	Vishwavidyalaya, Indore	Vishwavidyalaya, Indore
Vishwavidyalaya, Indore	Vishwavidyalaya, Indore		



Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore

Shri Vaishnav Institute of Architecture

B. Des in Product Design

BDES PD 305 - HISTORY OF DESIGN – II

Sr. No.	Course Code	Course Typology	Course Name	TEACHING SCHEME/WEEK			CREDITS	EXAMINATION SCHEME					TOTAL MARKS
				L	T	S		THEORY			PRACTICAL		
								End Sem University Exam (50% or 40%)	Two Term Exam (20%)	Teachers Assessment* (20% or 30%)	End Sem University Exam (50%)	Teachers Assessment* (50%)	
5	BDES PD 305	THEORY	HISTORY OF DESIGN - II	2	0	0	2	50	20	30	0	0	100

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P – Practical; C - Credit;

***Teacher Assessment** shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

Course Educational Objectives (CEOs):

CEO 1- To explore and understand the emergences of product design during the industrialization, Modernism and Post Modernism period.

Course Outcomes (COs):

CO 1- Learning's on design incorporated during old times. The knowledge about their lifestyle and interior.

CO 2- Study different design movements to be studied on the basis of the region, its culture, necessity of changes, theories given by great designers

CO 3- Understand outcome in terms of new trends of that period.

Syllabus

UNIT – I

Modernism and Post Modernism Late Modernism, High Technology, Post Modernism, and De Constructivism and Minimalism. **6HRS**

UNIT – II

Post War Modernism Bauhaus and Postwar Modernism design movements. International modernism, regionalism and concerns with vernacular etc. cultural identity and its expression. Comparative study of interiors all over the world with time frame. Theory & criticism based on the total knowledge of History. **6HRS**

Chairperson	Chairperson	Controller of Examination	Joint Registrar
Board of Studies	Faculty of Studies	Shri Vaishnav Vidyapeeth	Shri Vaishnav Vidyapeeth
Shri Vaishnav Vidyapeeth	Shri Vaishnav Vidyapeeth	Vishwavidyalaya, Indore	Vishwavidyalaya, Indore
Vishwavidyalaya, Indore	Vishwavidyalaya, Indore		



Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore

Shri Vaishnav Institute of Architecture

B. Des in Product Design

Sr. No.	Course Code	Course Typology	Course Name	TEACHING SCHEME/WEEK			CREDITS	EXAMINATION SCHEME					TOTAL MARKS
				L	T	S		THEORY			PRACTICAL		
								End Sem University Exam (50% or 40%)	Two Term Exam (20%)	Teachers Assessment* (20% or 30%)	End Sem University Exam (50%)	Teachers Assessment* (50%)	
5	BDES PD 305	THEORY	HISTORY OF DESIGN - II	2	0	0	2	50	20	30	0	0	100

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P – Practical; C - Credit;

***Teacher Assessment** shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

UNIT – III

NON EUROPEAN PERIODS China, Japan & the Islamic World – Influences of Pre Columbian American art & culture, African influences in interiors **6HRS**

UNIT – IV

SCANDINAVIAN PERIODS - Interior Design in Sweden, Finland, Norway. **6HRS**

UNIT – V

INDIAN TRADITIONAL STYLE Traditional interior styles in India including Rajasthan, Gujarat, Andhra, Tamil Nadu, Madhya Pradesh etc. **6HRS**

REFERENCE BOOKS

1. Interior Design Course, Mary GilliatCoyran, Octopus Ltd., London
2. Interior Design & Decoration, SherrilWhiton, Prentice Hall
3. Interior Design, Francis D.K. Ching, John Wiley & Sons, New York
4. History of Architecture, Sir Banister Fletcher, CBS Publishers & distributors, New Delhi
5. Time Saver Standards for Interior Design, Joseph De Chiara, McGraw Hill, New York.

Chairperson
Board of Studies
Shri Vaishnav Vidyapeeth
Vishwavidyalaya,Indore

Chairperson
Faculty of Studies
Shri Vaishnav Vidyapeeth
Vishwavidyalaya,Indore

Controller of Examination
Shri Vaishnav Vidyapeeth
Vishwavidyalaya,Indore

Joint Registrar
Shri Vaishnav Vidyapeeth
Vishwavidyalaya,Indore



Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore

Shri Vaishnav Institute of Architecture

B. Des in Product Design

BDES PD 306 - DIGITAL STUDIO - II

Sr. No.	Course Code	Course Typology	Course Name	TEACHING SCHEME/WEEK				EXAMINATION SCHEME					TOTAL MARKS
				L	T	S	CREDITS	THEORY			PRACTICAL		
								End Sem University Exam (50% or 40%)	Two Term Exam (20%)	Teachers Assessment* (20% or 30%)	End Sem University Exam (50%)	Teachers Assessment* (50%)	
6	BDES PD 306	LAB	DIGITAL STUDIO - II (PHOTOSHOP AND ILLUSTRATOR)	0	0	2	2	0	0	0	50	50	100

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P – Practical; C - Credit;

***Teacher Assessment** shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

Course Educational Objectives (CEOs):

CEO 1- Understanding and exploring the generation product design through computer aided design.

Course Outcomes (COs):

CO1- To help the student understand the technology of computer and its terminology.

CO2- To enable the student to understand the applications of the software and graphic system.

CO3- Maximize the understanding of digital three-dimensional modeling by further exploring computer as a tool for product design.

Syllabus

UNIT – I

AUTOCAD – 2D /3D -Drawing tools, drawing objects , shapes , editing , setting limits , scales. Lettering, Dimensioning, its editing Transparent overlays , Hatching and rendering , symbol library , Layers . Concept of viewport, concept of object linking and editing session **6HRS**

UNIT – II

INTRODUCTION TO 3-D MODELLING -Settings for the drawings , limits , creating objects, transforming objects, modifiers & modifier stack, Compound objects, hand on viewports, setting of viewports etc. Lathing, displacement, Boolean Application of colors and texture Using material editor, material browser, settings of library ,mapping textures , editing of texture files etc . **6HRS**

Chairperson	Chairperson	Controller of Examination	Joint Registrar
Board of Studies	Faculty of Studies	Shri Vaishnav Vidyapeeth	Shri Vaishnav Vidyapeeth
Shri Vaishnav Vidyapeeth	Shri Vaishnav Vidyapeeth	Vishwavidyalaya,Indore	Vishwavidyalaya,Indore
Vishwavidyalaya,Indore	Vishwavidyalaya,Indore		



Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore

Shri Vaishnav Institute of Architecture

Sr. No.	Course Code	Course Typology	Course Name	t Design SCHEME/WEEK			CREDITS	EXAMINATION SCHEME					TOTAL MARKS
				L	T	S		THEORY			PRACTICAL		
								End Sem University Exam (50% or 40%)	Two Term Exam (20%)	Teachers Assessment* (20% or 30%)	End Sem University Exam (50%)	Teachers Assessment* (50%)	
6	BDES PD 306	LAB	DIGITAL STUDIO - II (PHOTOSHOP AND ILLUSTRATOR)	0	0	2	2	0	0	0	50	50	100

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P – Practical; C - Credit;

***Teacher Assessment** shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

UNIT –III

INTRODUCTION TO PHOTOSHOP – Photography image post processing and rendering techniques. **6HRS**

UNIT –IV

FUNDAMENTAL CONCEPTS BASIC TECHNIQUES, RE-TOUCHING TECHNIQUES and SELECTION TECHNIQUES- Using brushes, choosing colors, Sampling colors from an image, Using Pantone colors. .Using the History palette, Cropping and rotating images, Changing image size and resolution, Retouching Fixing images using the Clone Stamp Tool and the Healing tools **6HRS**

UNIT –V

COMPOSITION AND DESIGN TECHNIQUES COLOR CORRECTION- Working with layers, Transformation-Scaling and rotating, Using colour fill layers Using gradients and patterns, Applying a Mask to an Adjustments layer, Color correction, Using the levels command histogram, Curves and exposure, Using the Color balance command to modify Color casts, Adjusting vibrancy, Hue and Saturation: general and specific color range adjustment, Colorizing, Working with type layers. Formatting type, Converting type to pixels Effects. **6HRS**

Suggested Reference Books

1. V. Rajaraman, principles of Computer Programming – Prentice Hall of India
2. Byron S.Gottfried, Theory and Problems of Programming with C.Schaum’s outline series, McGraw Hill Publishing Co.



Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore

Shri Vaishnav Institute of Architecture

B. Des in Product Design

BDES PD 307 - ELECTIVE - I

Sr. No.	Course Code	Course Typology	Course Name	TEACHING SCHEME/WEEK			CREDITS	EXAMINATION SCHEME					TOTAL MARKS
				L	T	S		THEORY			PRACTICAL		
								End Sem University Exam (50% or 40%)	Two Term Exam (20%)	Teachers Assessment* (20% or 30%)	End Sem University Exam (50%)	Teachers Assessment* (50%)	
7	BDESE PD 307	ELECTIVE	ELECTIVE - I	0	0	2	2	0	0	0	0	100	100

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P – Practical; C - Credit;

***Teacher Assessment** shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

Course Educational Objectives (CEOs):

CEO 1- The students have to choose one elective in this semester to detail out. A separate report to be submitted for the elective.

Course Outcomes (COs):

CO 1- At the end of the course, students will be able to overall nurturing of the student with issues in practice and field outside

CO 2- Understand better grooming than just books and theories .

CO 3- Analyze and research on the selected topics

Elective 1 – Sustainable Design

Elective 2 – Furniture and Interior Design (Craft based)

Chairperson
Board of Studies
Shri Vaishnav Vidyapeeth
Vishwavidyalaya,Indore

Chairperson
Faculty of Studies
Shri Vaishnav Vidyapeeth
Vishwavidyalaya,Indore

Controller of Examination
Shri Vaishnav Vidyapeeth
Vishwavidyalaya,Indore

Joint Registrar
Shri Vaishnav Vidyapeeth
Vishwavidyalaya,Indore