



# Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore

## Shri Vaishnav Institute of Architecture

### B.DES (PRODUCT DESIGN)

#### BDNP 301 – DESIGN STUDIO – I

Course Code	Course Name	TEACHING SCHEME/WEEK			CREDITS	EXAMINATION SCHEME					TOTAL MARKS
		L	T	S		THEORY			PRACTICAL		
						End Sem University Exam (60%)	Two Term Exam (20%)	Teachers Assessment (20%)	End Sem University Exam (60%)	Teachers Assessment (40%)	
BDNP 301	DESIGN STUDIO 1 - PRODUCT DESIGN PROCESS BASED	-	-	8	8	-	-	-	240	160	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.

#### Course Educational Objectives (CEOs):

**CEO 1-**Lectures on simplicity; Complex nature of simple products; Single Function Products; Material Property as function; Form as function. Student will follow the process based product design.

#### Course Outcomes (COs):

**CO 1-** Learning on design process along with the understanding on form and its functionality.  
**CO 2-** Ability to create innovative single component single feature solution.  
**CO 3-** Compare the Qualitative and qualitative research methodology,

#### Syllabus

##### UNIT – I

DESIGN THINKING- Consolidation of fundamentals of form based design & lateral thinking will be emphasized. Considerable research will be involved to recognize the virtue of design processes.

**24HRS**

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

Course Code	Course Name	TEACHING SCHEME/WEEK			CREDITS	EXAMINATION SCHEME					TOTAL MARKS
		L	T	S		THEORY			PRACTICAL		
						End Sem University Exam (60%)	Two Term Exam (20%)	Teachers Assessment (20%)	End Sem University Exam (60%)	Teachers Assessment (40%)	
<b>BDNP 301</b>	<b>DESIGN STUDIO 1- PRODUCT DESIGN PROCESS BASED</b>	-	-	8	8	-	-	-	240	160	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

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

## BDNP 302 – NATURE OF MATERIALS AND PROCESSES I

Course Code	Course Name	TEACHING SCHEME/WEEK			CREDITS	EXAMINATION SCHEME					TOTAL MARKS
		L	T	S		THEORY			PRACTICAL		
						End Sem University Exam (60%)	Two Term Exam (20%)	Teachers Assessment (20%)	End Sem University Exam (60%)	Teachers Assessment (40%)	
BDNP 302	NATURE OF MATERIALS AND PROCESSES-I	2	1	1	4	60	20	20	-	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

Course Code	Course Name	TEACHING SCHEME/WEEK			CREDITS	EXAMINATION SCHEME					TOTAL MARKS
		L	T	S		THEORY			PRACTICAL		
						End Sem University Exam (60%)	Two Term Exam (20%)	Teachers Assessment (20%)	End Sem University Exam (60%)	Teachers Assessment (40%)	
<b>BDNP302</b>	<b>NATURE OF MATERIALS AND PROCESSES-I</b>	2	1	1	4	60	20	20	-	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  
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

## BDNP 303 - PRODUCT ERGONOMICS – I

Course Code	Course Name	TEACHING SCHEME/WEEK			CREDITS	EXAMINATION SCHEME					TOTAL MARKS
		L	T	S		THEORY			PRACTICAL		
						End Sem University Exam (60%)	Two Term Exam (20%)	Teachers Assessment (20%)	End Sem University Exam (60%)	Teachers Assessment (40%)	
BDNP303	PRODUCT ERGONOMICS - I	2	-	1	3	60	20	20	-	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**

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

Course Code	Course Name	TEACHING SCHEME/WEEK			CREDITS	EXAMINATION SCHEME					TOTAL MARKS
		L	T	S		THEORY			PRACTICAL		
						End Sem University Exam (60%)	Two Term Exam (20%)	Teachers Assessment (20%)	End Sem University Exam (60%)	Teachers Assessment (40%)	
<b>BDNP 303</b>	<b>PRODUCT ERGONOMICS - I</b>	2	-	1	3	60	20	20	-	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 – III

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

**9HRS**

### 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

## BDNP 304 - PHOTOGRAPHY

Course Code	Course Name	TEACHING SCHEME/WEEK			CREDITS	EXAMINATION SCHEME					TOTAL MARKS
		L	T	S		THEORY			PRACTICAL		
						End Sem University Exam (60%)	Two Term Exam (20%)	Teachers Assessment (20%)	End Sem University Exam (60%)	Teachers Assessment (40%)	
BDNP 304	PHOTOGRAPHY	-	-	2	2	-	-	-	-	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-** 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

**CO 2-** Study how to incorporate photography in different sectors and understanding its 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  
**6HRS**

#### UNIT II-

Video and Animation; Principles Techniques and Applications. Visual Identity Design **6HRS**

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

Course Code	Course Name	TEACHING SCHEME/WEEK			CREDITS	EXAMINATION SCHEME					TOTAL MARKS
		L	T	S		THEORY			PRACTICAL		
						End Sem University Exam (60%)	Two Term Exam (20%)	Teachers Assessment (20%)	End Sem University Exam (60%)	Teachers Assessment (40%)	
<b>BDNP 304</b>	<b>PHOTOGRAPHY</b>	-	-	2	2	-	-	-	-	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.

### UNIT III-

Photography Basics and Digital Imaging Introduction to Photography: Subject, Background and foreground relationships. **6HRS**

### UNIT IV-

Photography techniques; Introduction to Image processing software, color correction, exposure correction, frame correction; Expression and Imagery, Time and space in Image; **6HRS**

### UNIT V-

Interaction with Light Highlights, shadow and reflection study of objects; Direct and indirect illumination **6HRS**

### Suggested Reference Books:

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

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

## BDNP 305 - DESIGN RESEARCH

Course Code	Course Name	TEACHING SCHEME/WEEK			CREDITS	EXAMINATION SCHEME					TOTAL MARKS
		L	T	S		THEORY			PRACTICAL		
						End Sem University Exam (60%)	Two Term Exam (20%)	Teachers Assessment (20%)	End Sem University Exam (60%)	Teachers Assessment (40%)	
BDNP 305	DESIGN RESEARCH	-	-	3	3	-	-	-	100	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):

**CEO1** -To introduce the basics of research in product designing and to develop skills required for the same.

### Course Outcomes (COs):

**CO 1-** The emphasis of the course is on design projects. Selection of the projects is based on the possibility of user interaction leading to innovation.

**CO 2-** Projects end with a comprehensive presentation through design drawing, sketching and a report.

**CO 3-** In this design studio students have to analyze various parameters, derive inferences for the possible solution.

### Syllabus

#### UNIT – I

Intention -Understanding Empathy; User stories; interpretive research;

**9HRS**

#### UNIT – II

Problem Definition -Visual representation of problem statements; contextualization and validation of a problem set; Heat maps; polar maps; Data visualization methods;

**9HRS**

#### UNIT – III

Scenario Building -Mapping solutions; partial solutions; incremental solutions

**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

## UNIT – IV

Ideation -Brainstorming; Differential Discussion; group methods to generate ideas; solitary methods to generate ideas; Lateral thinking **9HRS**

## UNIT – V

Concept Detailing -User Journey maps; User stories; activity mapping; feature matrix **9HRS**

## 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  
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

## BDNP 306 - DIGITAL STUDIO – I

Course Code	Course Name	TEACHING SCHEME/WEEK			CREDITS	EXAMINATION SCHEME					TOTAL MARKS
		L	T	S		THEORY			PRACTICAL		
						End Sem University Exam (60%)	Two Term Exam (20%)	Teachers Assessment (20%)	End Sem University Exam (60%)	Teachers Assessment (40%)	
BDNP 306	DIGITAL STUDIO – I (PHOTOSHOP AND ILLUSTRATOR)	0	0	2	2				-	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  
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

Course Code	Course Name	TEACHING SCHEME/WEEK			CREDITS	EXAMINATION SCHEME					TOTAL MARKS
		L	T	S		THEORY			PRACTICAL		
						End Sem University Exam (60%)	Two Term Exam (20%)	Teachers Assessment (20%)	End Sem University Exam (60%)	Teachers Assessment (40%)	
<b>BDNP 306</b>	DIGITAL STUDIO – I (PHOTOSHOP AND ILLUSTRATOR)	0	0	2	2	-	-	-	-	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.

### 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.

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

## BDNP 307 - ELECTIVE-I

Course Code	Course Name	TEACHING SCHEME/WEEK			CREDITS	EXAMINATION SCHEME					TOTAL MARKS
		L	T	S		THEORY			PRACTICAL		
						End Sem University Exam (60%)	Two Term Exam (20%)	Teachers Assessment (20%)	End Sem University Exam (60%)	Teachers Assessment (40%)	
BDNP 307	ELECTIVE-I	0	0	2	2	-	-	-	-	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