

## Shri Vaishnav Institute of Architecture

### **B.** Des in Interior Design

### **BDNI 401 - INTERIOR DESIGN STUDIO - II**

|                |                             | TEACHING & EVALUATION SCHEME  |                  |                         |                               |                         |   |   |   |             |  |
|----------------|-----------------------------|-------------------------------|------------------|-------------------------|-------------------------------|-------------------------|---|---|---|-------------|--|
|                | COURSE NAME I               | THEORY                        |                  |                         | PRACTICAL                     |                         | L | Т | S | CRED<br>ITS |  |
| COURSE<br>CODE |                             | END SEM<br>University<br>Exam | Two Term<br>Exam | Teachers<br>Assessment* | END SEM<br>University<br>Exam | Teachers<br>Assessment* |   |   |   |             |  |
| BDNI401        | INTERIOR DESIGN STUDIO - II |                               |                  |                         | 270                           | 180                     |   |   | 9 | 9           |  |

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

**\*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):-

| Course Baacanona |                                                                                                             |
|------------------|-------------------------------------------------------------------------------------------------------------|
| CEO 1            | To introduce the basics of designing for Residential interiors and to develop skills required for the same. |
| CEO 2            | This course is intended to provide skills for designing single use interior spaces or products etc.         |

### Course Outcomes (COs)

| C01 | To develop understanding of the scale, function and options existing when designing small-scale spaces in residences such as toilets, kitchens, living, bedrooms etc. |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CO2 | To develop creative conceptual visualization, hand skill building, and the process of design.                                                                         |
| CO3 | Use of anthropometry, ergonomics, handling of space and application of knowledge gained fromother subjects, in design.                                                |

| Chairperson              | Chairperson              |
|--------------------------|--------------------------|
| Board of Studies         | Faculty of Studies       |
| Shri Vaishnav Vidyapeeth | Shri Vaishnav Vidyapeeth |
| Vishwavidyalaya,Indore   | Vishwavidyalaya,Indore   |

Controller of Examination Shri Vaishnav Vidyapeeth Vishwavidyalaya,Indore



| COURSE<br>CODE |                             | TEACHING & EVALUATION SCHEME  |                  |                         |                               |                         |   |   |   |             |
|----------------|-----------------------------|-------------------------------|------------------|-------------------------|-------------------------------|-------------------------|---|---|---|-------------|
|                | COURSE NAME                 | THEORY                        |                  |                         | PRACTICAL                     |                         | L | Т | S | CRED<br>ITS |
|                |                             | END SEM<br>University<br>Exam | Two Term<br>Exam | Teachers<br>Assessment* | END SEM<br>University<br>Exam | Teachers<br>Assessment* |   |   |   |             |
| BDNI401        | INTERIOR DESIGN STUDIO - II |                               |                  |                         | 270                           | 180                     |   |   | 9 | 9           |

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.

### **Syllabus**

UNIT I -INTRODUCTION TO DESIGN-Definition, Attributes, Composition of design, factors influencing design. Planning- The follow of space, circulation, space requirements, scale, standard sizes of furniture, drawing line plan, elevation of interiors. 27 HRS

UNIT II-RESIDENTIAL SPACE ORGANIZATION AND PLANNING KITCHENS Planning considerations, area requirement as per anthropometrics , analysis of functions and user different layouts , work triangles , Light and ventilation , chimney outlets , drinking water , storages spaces , elementary knowledge of modular kitchens. Platforms, materials and their applications , colors and textures, visual impact. 27 HRS

**UNIT III-**TOILETS Different types of arrangements, pipe layouts, types of WC, fixing, shower cubical, bath tub, Jacuzzi, wash basin counters, light and ventilations, finishes, maintenance. 27 HRS

UNIT IV-Bedrooms & Living room Furniture layouts, accessories , texture and color psychology , materials, wardrobes , planning guidelines. Light and ventilation. 27 HRS

UNIT V-PRODUCT DESIGNING FOR RESIDENTIAL SPACES such as crockery items , spoons , knife , pen , pen stand etc. – single function products. 27 HRS

#### **Suggested Books References:**

1. Time-Saver Standards for Interior Design and Space Planning, Joseph De Chiara, Julius Panero,

2. Space Planning for residential Interiors, Book by Mary Lou Bakker.

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



### Shri Vaishnav Institute of Architecture

### **B.** Des in Interior Design

### **BDNI402 - INTERIOR MATERIALS AND CONSTRUCTION-II**

|                |                                           | TEACHING & EVALUATION SCHEME  |                  |                         |                               |                         |   |   |   |             |
|----------------|-------------------------------------------|-------------------------------|------------------|-------------------------|-------------------------------|-------------------------|---|---|---|-------------|
|                | COURSE NAME                               | THEORY                        |                  |                         | PRACTICAL                     |                         | L | Т | S | CRED<br>ITS |
| COURSE<br>CODE |                                           | END SEM<br>University<br>Exam | Two Term<br>Exam | Teachers<br>Assessment* | END SEM<br>University<br>Exam | Teachers<br>Assessment* |   |   |   |             |
| BDNI402        | INTERIOR MATERIALS AND<br>CONSTRUCTION-II | 60                            | 20               | 20                      | 60                            | 40                      | 2 |   | 2 | 4           |

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 understand the construction and materials of basic components of a built space. |
|------|------------------------------------------------------------------------------------|
| CEO2 | This course is intended to provide skills for construction techniques.             |

#### Course Outcomes (COs): -

| CO1 | To understand the Detail out the designing                                 |
|-----|----------------------------------------------------------------------------|
| CO2 | To understand the Detail of joinery details doors, windows and partitions. |
| CO3 | To understand the exploration of materials.                                |

## Syllabus

### **UNIT I- TIMBER DOORS & WIMDOW**

Elementary knowledge of types of doors such as Ledged and braced doors, panel doors, sliding and folding, pivoted, revolving, rolling shutters, glazed doors.their technical representation, basics of joinery details.

Casement, fixed, horizontal sliding, vertical sliding, pivoted, and top hung types Ventilators- top hung, bottom hung, pivoted, louvered, fixed types.

15 HRS

ChairpersonChBoard of StudiesFacultyShri Vaishnav VidyapeethShri VaishVishwavidyalaya,IndoreVishwavidyalaya

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



|                |                                           | TEACHING & EVALUATION SCHEME  |                  |     |                               |                         |   |   |   |             |  |
|----------------|-------------------------------------------|-------------------------------|------------------|-----|-------------------------------|-------------------------|---|---|---|-------------|--|
|                | COURSE NAME                               | THEORY                        |                  |     | PRACTICAL                     |                         | L | Т | S | CRED<br>ITS |  |
| COURSE<br>CODE |                                           | END SEM<br>University<br>Exam | Two Term<br>Exam | eac | END SEM<br>University<br>Exam | Teachers<br>Assessment* |   |   |   |             |  |
| BDNI402        | INTERIOR MATERIALS AND<br>CONSTRUCTION-II | 60                            | 20               | 20  | 60                            | 40                      | 2 |   | 2 | 4           |  |

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- WINDOWS IN STEEL AND ALUMINIUM Details of sliding and openable windows in aluminum and steel frames with glazed panels 3. PARTITIONS Types of partitions on the basis of function such as fixed, sliding, sliding folding etc, on the basis of materials wood, glass, steel, aluminum, MDF, Plywood, Particle board, gypsum board etc. 15 HRS

UNIT III METALS – Steel, iron, aluminum, bronze, brass, copper – alloys, characteristics, form and uses, properties, definition of terms, methods of working with metals, fixing and joinery in metals, finishing and treatment to metals. Application of metals to built form and interiors - special doors and windows, ventilators – sliding, sliding and folding, revolving, pivoted, rolling, collapsible, dormer, skylights, clerestory etc. 15 HRS

UNIT IV- ROOFING AND FLOORING – Roofing tiles and asbestos cement products, sheets and fiber boards –properties, uses and application. Various natural as well as artificial flooring materials like vitrified tiles, ceramic tiles, Shahabad stones, Mosaic, Rubber, Linoleum, PVC and PVA flooring. Properties, other uses and applications in the interiors.

#### **15 HRS**

UNIT V- FABRICS AND OTHER FURNISHING MATERIALS — fibers, textiles, fabric treatments, carpets, durries, tapestries, Drapery, upholstery, wall coverings, etc. – properties, uses and application in the interiors. Miscellaneous materials such as cork, leather, paper, Rexene etc. – their properties, uses and applications in the interiors. A brief overview of Green materials. 15 HRS

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



#### **Suggested Books References:**

- 1.W.B.Mckay Building construction Vol1 Longmans, UK 1981
- 2. W.B.Mckay -Building construction Vol 3,5 -Longmans, UK 1981
- 3. Construction and Detailing for Interior Design by Drew Plunkett
- 4. The Codes Guidebook for Interiors by Sharon K. Harmon and Katherine E. Kennon.

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



### Shri Vaishnav Institute of Architecture

### **B.** Des in Interior Design

### **BDNI 403 - FURNITURE DESIGN -II**

|                |                       | TEACHING & EVALUATION SCHEME                      |                         |                               |                         |   |   |             |   |  |
|----------------|-----------------------|---------------------------------------------------|-------------------------|-------------------------------|-------------------------|---|---|-------------|---|--|
| COURSE<br>CODE | COURSE NAME           | THEOF                                             | PRACTICAL               |                               | L                       | Т | S | CRED<br>ITS |   |  |
|                |                       | END SEM<br>University<br>Exam<br>Two Term<br>Exam | Teachers<br>Assessment* | END SEM<br>University<br>Exam | Teachers<br>Assessment* |   |   |             |   |  |
| BDNI403        | FURNITURE DESIGN -I I |                                                   |                         | 90                            | 60                      |   |   | 3           | 3 |  |

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 | The main aim of the course is to provide knowledge of constructional details for |
|------|----------------------------------------------------------------------------------|
|      | different types of furniture.                                                    |

#### Course Outcomes (COs): -.

| CO1 | Practical knowledge should be provided to the students with the help of models, and |
|-----|-------------------------------------------------------------------------------------|
|     | hands on exercises.                                                                 |
| CO2 | Understanding of joinery in the workshops.                                          |
| CO3 | Detailing of Modular Kitchens Understanding types of furniture used in a            |
|     | commercial interiors.                                                               |

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



|                |                       |                                           | TEACHING & EVALUATION SCHEME            |                               |                         |   |   |   |             |  |  |
|----------------|-----------------------|-------------------------------------------|-----------------------------------------|-------------------------------|-------------------------|---|---|---|-------------|--|--|
|                |                       | THE                                       | EORY                                    | PRAC                          | TICAL                   | L | Т | S | CRED<br>ITS |  |  |
| COURSE<br>CODE |                       | END SEM<br>University<br>Exam<br>Two Term | Exam<br>Exam<br>Teachers<br>Assessment* | END SEM<br>University<br>Exam | Teachers<br>Assessment* |   |   |   |             |  |  |
| BDNI403        | FURNITURE DESIGN -I I |                                           |                                         | 90                            | 60                      |   |   | 3 | 3           |  |  |

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.

### **Syllabus**

UNIT I- -MODULAR KITCHENS Modular kitchens, components basis of Construction involving, layout, hardware selection, fixing details finishes and special types such as tall units, grain trolleys, and carousels fold outs etc. A detailed project involving the design of a small kitchen using modular components. 09 HRS

### **UNIT II -FURNITURE IN COMMERCIAL SPACES**

Forms of display units and its design, materials, finishes, various options Elements of furniture including shop front-its lighting, window display etc. Presentation by detailed drawings, understanding of construction techniques Commercial furniture – Showcases, Counters, Display units, Restaurant furniture, bar furniture . **09 HRS** 

**UNIT III- OFFICE FURNITURE DETAILING** of Office Furniture, cabinets, storage spaces, cabin furniture, waiting area furniture, workstations, computer tables, lockers, conference table. Etc. **09 HRS** 

UNIT IV- INNOVATIVE FURNITURES Innovative, contemporary furniture designing. 09 HRS

UNIT V- Detailing of joinery and other specifications. Coffee tables, sofas, workstations, book shelves , beds , extensions. 09 HRS

#### **Suggested Books References:**

- 1. Illustrated Cabinetmaking: How to Design and Construct Furniture That Works, by Bill Hylto
- 2. Mid-Century Modern: Interiors, Furniture, Design Details, by Bradley Quinn
- 3. The Encyclopedia of Furniture: Third Edition, by Joseph Aronso

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



### Shri Vaishnav Institute of Architecture

### **B.** Des in Interior Design

### **BDNI404 - SERVICES - II**

|                |               | TEACHING & EVALUATION SCHEME  |                  |                         |                               |                         |   |   |   |             |
|----------------|---------------|-------------------------------|------------------|-------------------------|-------------------------------|-------------------------|---|---|---|-------------|
|                |               | Т                             | HEORY            |                         | PRAC                          | FICAL                   | L | Т | S | CRED<br>ITS |
| COURSE<br>CODE | COURSE NAME   | END SEM<br>University<br>Exam | Two Term<br>Exam | Teachers<br>Assessment* | END SEM<br>University<br>Exam | Teachers<br>Assessment* |   |   |   |             |
| BDNI404        | SERVICES – II | 60                            | 20               | 20                      | 30                            | 20                      | 2 |   | 1 | 3           |

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):- To introduce the students to the basic principles of

Mechanical and Electrical services of the building.

**Course Outcomes (COs):** - Study should be done making focus on regular site visits, observing the designing and installation process of the services.

### Syllabus

UNIT I- AIR CONDITIONING - H. V. A. C.– Air-conditioning systems for different types of buildings Duct layout etc Type of A.C :-System of air conditioning – central plant – refrigerants – chillers-planning & Installation . 9 HRS

UNIT II- ARTIFICIAL LIGHTING:- Layouts for electrical services, types of light points, positions, cover and fixtures, capacity, different types of wiring systems, LUX. Earthing details M.C.B. technical representation of fixtures. Electric layout for a small space. 9 HRS

UNIT III- SECURITY SYSTEMS:- C.C.T.V. installation , layouts , glass break detectors , sensors , access control etc. 9 HRS

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



|                |               | TEACHING & EVALUATION SCHEME  |                  |                         |                               |                         |   |   |   |             |
|----------------|---------------|-------------------------------|------------------|-------------------------|-------------------------------|-------------------------|---|---|---|-------------|
|                |               | Т                             | HEORY            |                         | PRAC                          | TICAL                   | L | Т | S | CRED<br>ITS |
| COURSE<br>CODE | COURSE NAME   | END SEM<br>University<br>Exam | Two Term<br>Exam | Teachers<br>Assessment* | END SEM<br>University<br>Exam | Teachers<br>Assessment* |   |   |   |             |
| BDNI404        | SERVICES – II | 60                            | 20               | 20                      | 30                            | 20                      | 2 |   | 1 | 3           |

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- FIRE SAFETY Mechanism of firefighting system, layouts, fixtures - Heat sensitive detectors – Smoke detectors, sprinkler system- Foam systems. – Automatic water system. 9 HRS

UNIT V VANTILATIONS AND DUCTING-Types of ventilations and there uses in types of buildings. 9 HRS

#### **Suggested Books References:**

- 1. M.H.Lulla, Air conditioning
- 2. V.K.Jain, Fire Safety in Buildings.

3. R.G.Hopkinson and J.D.Kay, the Lighting of Buildings, Faber and Faber, London

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



### Shri Vaishnav Institute of Architecture

### **B.** Des in Interior Design

### **BDNI 405 - COMPUTER APPLICATIONS - II**

|                |                               | TEACHING & EVALUATION SCHEME |                  |                         |                               |                         |   |   |   |             |
|----------------|-------------------------------|------------------------------|------------------|-------------------------|-------------------------------|-------------------------|---|---|---|-------------|
|                | COURSE NAME                   | г                            | THEORY           |                         | PRAC                          | TICAL                   | L | Т | S | CRED<br>ITS |
| COURSE<br>CODE |                               | UD :<br>Exa                  | Two Term<br>Exam | Teachers<br>Assessment* | END SEM<br>University<br>Exam | Teachers<br>Assessment* |   |   |   |             |
| BDNI405        | COMPUTER APPLICATIONS -<br>II |                              |                  |                         | 60                            | 40                      |   |   | 2 | 2           |

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

**\*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 | To provide students 3D modeling &rendering skill knowledge, which helps them in |
|-----|---------------------------------------------------------------------------------|
|     | visualizing the concepts of their design                                        |

#### Course Outcomes (COs): -

| CO1 | To familiarize the students with the concepts of 3D modeling |
|-----|--------------------------------------------------------------|
| CO2 | Understanding of rendering techniques.                       |
| CO3 | To enable them to experiment with forms.                     |

#### **Syllabus**

UNIT I- Getting to Know the Interface, Manipulating Objects, Drawing, Measuring and Labeling, Working with Components, Organizing Scenes, Creating Textures and Materials. 7HRS

| UNIT II - Orthographic Views, Solid Model, Mesh Model. 8HR | UNIT II - Orthographic Views | , Solid Model, Mesh Model. | 8HRS |
|------------------------------------------------------------|------------------------------|----------------------------|------|
|------------------------------------------------------------|------------------------------|----------------------------|------|

UNIT III - Create a 3D assembly and generate various views, lighting. 7HRS

| 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   |                           |                          |



|                |                               | TEACHING & EVALUATION SCHEME  |                  |                         |                               |                         |   |   |   |             |
|----------------|-------------------------------|-------------------------------|------------------|-------------------------|-------------------------------|-------------------------|---|---|---|-------------|
| GOUDOD         |                               | 1                             | THEORY           |                         | PRAC                          | FICAL                   | L | Т | S | CRED<br>ITS |
| COURSE<br>CODE | COURSE NAME                   | END SEM<br>University<br>Exam | Two Term<br>Exam | Teachers<br>Assessment* | END SEM<br>University<br>Exam | Teachers<br>Assessment* |   |   |   |             |
| BDNI405        | COMPUTER APPLICATIONS -<br>II |                               |                  |                         | 60                            | 40                      |   |   | 2 | 2           |

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 - Complete an Assembly drawing Assign Materials, Lights Generate Rendered images for Presentation Create various views using Flatshot for Production drawing Align the views in Layout. 8 HRS

UNIT V - Final presentation of 3d product modeling with light effects 7 HRS

#### **Suggested Books References:**

1. CAD for Interior Design by Lydia Cline (Author)

2. Technical Drawing 101 with AutoCAD 2022

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



### Shri Vaishnav Institute of Architecture

### **B.** Des in Interior Design

### **BDNI 406 - WORKING DRAWINGS - I**

|                |                     | TEACHING & EVALUATION SCHEME              |                                 |                               |                         |   |   |   |             |  |
|----------------|---------------------|-------------------------------------------|---------------------------------|-------------------------------|-------------------------|---|---|---|-------------|--|
|                |                     | THE                                       | ORY                             | PRAC                          | TICAL                   | L | Т | S | CRED<br>ITS |  |
| COURSE<br>CODE | COURSE NAME         | END SEM<br>University<br>Exam<br>Two Term | Exam<br>Teachers<br>Assessment* | END SEM<br>University<br>Exam | Teachers<br>Assessment* |   |   |   |             |  |
| BDNI406        | WORKING DRAWINGS- I |                                           |                                 | 90                            | 60                      |   |   | 3 | 3           |  |

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 | The course is designed to give knowledge about technical representation of |
|-----|----------------------------------------------------------------------------|
|     | designs.                                                                   |

### **Course Outcomes (COs)**

#### Syllabus

| C01 | Main focus should be given to make student understand co-relation of proper<br>Technical representation of drawing |
|-----|--------------------------------------------------------------------------------------------------------------------|
| CO2 | student understand co-relation of proper Technical representation reading of technical drawing.                    |
| СО3 | student will understand Implementing Agencies & Applications of material                                           |

| Chairperson              |    |
|--------------------------|----|
| Board of Studies         |    |
| Shri Vaishnav Vidyapeeth | Sł |
| Vishwavidyalaya,Indore   | Vi |

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



|                |                     | TEACHING & EVALUATION SCHEME                      |                         |                               |                         |  |   |   |             |  |
|----------------|---------------------|---------------------------------------------------|-------------------------|-------------------------------|-------------------------|--|---|---|-------------|--|
| COURCE         |                     | THEORY                                            |                         |                               | PRACTICAL               |  | Т | S | CRED<br>ITS |  |
| COURSE<br>CODE | COURSE NAME         | END SEM<br>University<br>Exam<br>Two Term<br>Exam | Teachers<br>Assessment* | END SEM<br>University<br>Exam | Teachers<br>Assessment* |  |   |   |             |  |
| BDNI406        | WORKING DRAWINGS- I |                                                   |                         | 90                            | 60                      |  |   | 3 | 3           |  |

UNIT I-- SYMBOLS AND BUILDING ELEMENTS Working drawing of different types of building elements such as doors, windows, roof, floor, partitions, staircases, parapet, chajja, sill, lintel etc. knowledge about different types of lines, textures and symbols and their use. 09 HRS

UNIT II-- INTERIOR ELEMENTS working drawing of wall murals reflected ceiling plans and flooring patterns, partitions. Working drawing of furniture such as work station, living room furniture, bedroom furniture and dining tables. Wardrobes, TV cabinet and showcase, crockery shelves, cadenza, chest of drawers, dressing table, etc . **09 HRS** 

**UNIT III-- PROJECT** Detailed Set of Working drawings to be prepared of any Interior project with proper detailing of furniture, false ceiling , Floor patterns, wall elevations, toilets etc. **09HRS** 

UNIT VI-- Implementing Agencies & Applications of material-Types of Agencies - Plumbing agencies, flooring, false ceiling, sanitary fitting, electric contractors, Carpentary work, Constructionag. etc. and there working process, Application of green materials & uses. 09 HRS

UNIT V- Furniture Detailing of joinery and other specifications. 09 HRS

#### **Suggested Books References:**

1. De Chiara et al – Time Saver standards for interior design and space planning, Mcgraw Hill, 1982. 2.Architectural Working Drawings – Import, 20 Sep 1999 by <u>Ralph W. Liebing</u>

3.The Professional Practice of Architectural Working Drawings – 30 Dec 2011 by <u>Osamu A. Wakita</u> (Author), <u>Richard M. Linde</u> (Author), <u>Nagy R. Bakhoum</u> (Author)

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



### Shri Vaishnav Institute of Architecture

|             |                         | TEACHING & EVALUATION SCHEME |                     |                                 |                       |                                 |   |   |   |         |
|-------------|-------------------------|------------------------------|---------------------|---------------------------------|-----------------------|---------------------------------|---|---|---|---------|
| COURSE      |                         | THEORY                       |                     |                                 | PRACTICAL             |                                 | L | Т | S | CREDITS |
| CODE        | COURSE NAME             | SEM<br>Univer<br>sity        | Two<br>Term<br>Exam | Teache<br>rs<br>Assess<br>ment* | SEM<br>Univer<br>sitv | Teache<br>rs<br>Assess<br>ment* |   |   |   |         |
|             | ELECTIVE-III            |                              |                     |                                 |                       |                                 |   |   |   |         |
| BDNI407(1)  | Carpentry Workshop      |                              |                     |                                 |                       | 50                              |   |   |   |         |
| BDNI 407(2) | Sketching and rendering |                              |                     |                                 |                       | 50                              |   |   | 1 | 1       |
| BDNI 407(3) | Casting/ Moulding       |                              |                     |                                 |                       |                                 |   |   |   |         |

### **B.** Des in Interior Design

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<br>Educational<br>Objectives<br>(CEOs): | Students can select the subject of their interest from the list of Pool electives provided<br>for B.des students. They have to perform the exercises planned in the particular, studies<br>can also be conducted in the form of survey, case studies, documentation etc.     |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Course Outcomes<br>(COs):                      | After completion of this course the students are expected to be able to demonstrate following knowledge, skills and attitudes. The students will be able to impart the knowledge to develop art and design skills , and to enhance the imaginative thinking in the students. |

| 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 Institute of Architecture

### **B.** Des in Interior Design

### **BDNI - GENERIC ELECTIVE**

|                |                  | TEACHING & EVALUATION SCHEME  |                  |                         |                               |                         |   |   |   |             |
|----------------|------------------|-------------------------------|------------------|-------------------------|-------------------------------|-------------------------|---|---|---|-------------|
|                |                  | THEORY                        |                  |                         | PRACTICAL                     |                         | L | Т | S | CRED<br>ITS |
| COURSE<br>CODE | COURSE NAME      | END SEM<br>University<br>Exam | Two Term<br>Exam | Teachers<br>Assessment* | END SEM<br>University<br>Exam | Teachers<br>Assessment* |   |   |   |             |
|                | GENERIC ELECTIVE | 60                            | 20               | 20                      |                               |                         | 3 |   |   | 3           |

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                               | Students can select the subject of their interest from the list of Pool electives provided for B.des students. They have to perform the exercises planned in the particular, studies |
|--------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Educational<br>Objectives<br>(CEOs): | can also be conducted in the form of survey, case studies, documentation etc.                                                                                                        |

|                 | After completion of this course the students are expected to be able to demonstrate |
|-----------------|-------------------------------------------------------------------------------------|
| Course Outcomes | following knowledge, skills and attitudes. The students will be able to impart the  |
| (COs):          | knowledge to develop art and design skills, and to enhance the imaginative thinking |
|                 | in the students.                                                                    |
|                 |                                                                                     |

| 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   |                           |                          |



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