## SEMESTER - VI

<table>
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<th>S No.</th>
<th>Subject Code</th>
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L-Lecture, T-Tutorial, P-Practical, ESE-End semester exam, CT-Class Test, TA-Teachers assessment.

*Theory paper duration 6Hrs.(3Hrs.+1/2 to 1 Hr.Break + 3Hrs.)

**Theory paper duration 4Hrs
CHHATTISGARH SWAMI VIVEKANAND TECHNICAL UNIVERSITY, BHILAI

A) SEMESTER : VI
B) COURSE TITLE : ENTREPRENEURSHIP DEVELOPMENT
C) CODE : 200615 (37)
D) BRANCH/DISCIPLINE : INTERIOR DECORATION & DESIGN
E) RATIONALE

It has been experienced in most parts of the world that entrepreneurship development is a means of rapid economic development vis-à-vis creation of gainful employment of masses. The myth that entrepreneurs are born and not made no longer holds good. Experiences of last few decades in India show that it is possible to develop entrepreneurs through planned efforts. These designed efforts are more essentially required in polytechnics where increasing unemployment has necessitated promoting self-employment/entrepreneurship as career option thereby creating more job providers than job seekers. This course focuses on inputs required for students to undertake entrepreneurial activities as career option.

F) TEACHING AND EXMINATION SCHEME:

<table>
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L: Lecture hours; T: Tutorial hours, P: Practical hours
ESE – End of Semester Exam.; CT – Class Test; TA- Teacher’s Assessment;

G) DISTRIBUTION OF MARKS AND HOURS:

<table>
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<th>Chapter Name</th>
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<td>MANAGEMENT OF SMALL BUSINESS FIRMS</td>
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<td>PROJECT SELECTION, FORMULATION AND APPRAISAL</td>
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1. 

H) DETAILED COURSE CONTENTS:

Chapter-1 ENTREPRENEURIAL DEVELOPMENT

- Definition of entrepreneurship,
- Characteristics of entrepreneurs,
- Factors influencing entrepreneurship,
- Need for promotion of entrepreneurship and small business
- Entrepreneurial Environment
- Environmental analysis.
- Government policies for setting up new small enterprises
- Opportunities in service industries.

Chapter – 2 FORMS OF BUSINESS ORGANIZATION

- Forms of ownership
- Sole Proprietorship
- Partnership
- Cooperative society
- Joint – stock company
- Private Limited Companies
- Public Limited Companies

Chapter – 3 INSTITUTIONAL SUPPORT TO SSI

- Institutional set up
- Industries centers,
- Industrial estates
- Institutional support at National level
- Institutional support at State level
- Commercial banks and financial institutions

Chapter – 4 PLANNING A SSI

- What is planning?
- Types of planning
- Importance of planning
- Steps in planning
- Steps in planning a SSI
- Technical dimensions for setting up an enterprise
Chapter 5  MANAGEMENT OF SMALL BUSINESS FIRM

- Functional areas of small business firm
- Fundamentals of Management
- Managerial effectiveness
- Essential data for effective control of small business
- Resource management
- Office management
- Employees Welfare & safety
- Factory rules and Labour Laws related to SSIs
- Sales Tax and Income Tax laws related to SSIs

Chapter 6  PROJECT SELECTION, FORMULATION & APPRAISAL

- Project selection & formulation
- Scope of project report
- Content & Format of Project report
- Need of Project Appraisal
- Steps of Project Appraisal

Chapter 7  PROBLEMS OF SMALL INDUSTRIES

- Power shortages
- Project planning
- Finance
- Raw material
- Production constraints
- Marketing
- Personal constraints
- Regulations

Chapter 8  ENTREPRENEURIAL MOTIVATION TRAINING

- Achievement Motivation
- Creative thinking
- Risk taking abilities

I)  SUGGESTED INSTRUCTIONAL STRATEGIES:

- Lecture Method.
- Industrial visits.
- Simulation
- Role play
- Interaction with successful entrepreneurs
- Demonstration.
- Games

J) **SUGGESTED LEARNING RESOURCES:**

(a) **Reference Books:**

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Title</th>
<th>Author, Publisher, Edition &amp; Year</th>
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</thead>
<tbody>
<tr>
<td>3.</td>
<td>Entrepreneurship Development in small scale proceedings of National Seminar, DCSSI, New Delhi</td>
<td>Patel V.G.</td>
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<td>5.</td>
<td>The Business Planning Guide</td>
<td>David H. Bangs</td>
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<td>Upstart Publishing Company, In Chicago</td>
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<td>6.</td>
<td>Entrepreneurship development in India</td>
<td>Dr. C.B. Gupta</td>
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<td>Dr. N.P. Srinivasan</td>
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<td>Sultan Chand &amp; Sons</td>
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</table>

**LIST OF TEAM WORK**

Team Work will consist of collecting following information by the students:

1. Collect State industrial policy
2. Report of interaction with successful entrepreneurs/industrial visits
3. Prepare list of opportunities for business, service and industrial ventures
4. Whom to approach for What?
5. Facilities and incentives available from various support agencies
The course content at this semester intends to develop advance stage in drawing & detailing of Interior project. The student at this stage shall be able to understand & present the interior drawing in such a way that it can be executed at site.

**TEACHING AND EXAMINATION SCHEME:**

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<th>Course Code</th>
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<th>Scheme of Examination</th>
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L : Lecturer hours, T : Tutorial hours, P : Practical hours,
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**DISTRIBUTION OF MARKS AND HOURS:**

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<th>Marks</th>
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<td>2</td>
<td>2</td>
<td>WORKING DRAWING OF FALSE CEILING</td>
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<td>3</td>
<td>3</td>
<td>WORKING DRAWING OF TOILET</td>
<td>18</td>
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<td>4</td>
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<td>WORKING DRAWING OF KITCHEN</td>
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<td>WORKING DRAWING OF ROOM</td>
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**DETAILED CONTENTS:**

Chapter -1- WORKING DRAWING OF PARTITION

- Preparation of working drawing of partition.

Chapter-2: WORKING DRAWING OF FALSE CEILING

- Preparation of working drawing of false ceiling.

Chapter -3- WORKING DRAWING OF TOILET

- Preparation of working drawing of toilet (European / Indian w.c.)

Chapter -4- WORKING DRAWING OF KITCHEN
• Preparation of working drawing of kitchen.

Chapter -5- WORKING DRAWING OF ROOM
• Preparation of working drawing of any one room like living room, dining room, office parlour etc showing all furniture layout & other details..

I) SUGGESTED INSTRUCTIONAL STRATEGIES:
• Lecturer Method
• Industrial / Market visit (In tutorial class the student are required to visit sites to enhance the knowledge of working drawing)
• Lecture with media like OHP, Multimedia projector & other latest technology.
• Demonstration

J) SUGGESTED LEARNING RESOURCES
(a) Reference Books:

<table>
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<tr>
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<th>Title</th>
<th>Author, Publisher, Edition &amp; Year</th>
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<tr>
<td>2</td>
<td>Civil Engineering Drawing</td>
<td>Dr. N.Ghosh, CBS Publisher &amp; Dist. Delhi</td>
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(b)Others
(i) Video Programs
(ii) Learning Packages
(iii) Computer Unit

Subject: Working Drawing-II Lab

PRACTICAL CODE: 235622 (35)
HOURS: 48

LIST OF PRACTICAL / TUTORIALS:
• Preparation of working drawing of Partition
• Preparation of working drawing of False ceiling
• Preparation of working drawing of Toilet
• Preparation of working drawing of Kitchen
• Preparation of working drawing of any small room.
A) SEMESTER : VI
B) SUBJECT TITLE : INTERIOR DESIGN -IV
C) CODE : 235613 (35)
D) BRANCH / DISCIPLINE : INTERIOR DECORATION & DESIGN
E) RATIONALE :
This subject intends to equip the student to handle the project independently with guidelines given by the faculty so that she is exposed to live situation gaining live experience. It also becomes essential for the assessment of achievement based on application of all levels. The course therefore aims & allows students for creating most meaningful project demonstrating his/her learnt integrated knowledge of previous semesters.
F) TEACHING AND EXAMINATION SCHEME:

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<td>PLAN(FINAL), SECTIONAL ELEVATIONS &amp; OTHER DETAILS</td>
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Note: Chapter No.1-7 For Theory TA, Practical ESE & TA purpose only.

H) DETAILED CONTENTS:

Chapter -1- FORMULATION OF REQUIREMENTS
• Identify the problem.
• Various alternate solutions.
• Select the appropriate solution.
• Formulate the requirements.

Chapter-2: PREPARATION OF INTERIOR SCHEME PLAN
• Prepare the plan as per the requirements formulated in above

Chapter -3- RELATIVE DISTRIBUTION
• Justification the Space distribution for the various activities provided in above plan.

Chapter -4- STUDY OF MOVEMENTS
• Study the space provided for circulation / movement.

Chapter -5- USERS’ COMMENTS
• Collect the comments by the users / Expert. For the plan prepared above.

Chapter -6- ANALYSIS (STRENGTH & WEAKNESS)
• Analysis various strength & Weakness in the interior plan scheme.

Chapter -7- REMOVAL OF CONSTRAINS.
• Remove the various constrains find in the plan as per users’ comments & analysis.

Chapter -8-PLAN (FINAL), SECTIONAL ELEVATION & OTHER DETAILS
• Interior scheme for interior with plans, elevations, ceiling plan, sections, furniture detail & other required working in suitable media & techniques.
• Complete Interior project furnishing with fittings, accessories, lighting, Ventilation, Climate control.

Chapter -9- PRESENTATION DRAWING (VIEWS)
• Perspective with colour or any other suitable presentation drawing for the project in suitable media & techniques.

Chapter -10- BRIEF REPORT
• A brief report on the project on the points described above (Chapter 1 to 9) including the Aims, Objectives, Methodology, proposals not more than 20 (1.5 Line spacing, Font size12) pages. for Practical ESE,TA .
  (Note : Theory ESE, The report Should be @ 600 words)

I) SUGGESTED INSTRUCTIONAL STRATEGIES:
• Lecturer Method
• Market visit
• Expert Lecture
• Demonstration

JP) SUGGESTED LEARNING RESOURCES
(a) Reference Books:

<table>
<thead>
<tr>
<th>Sl.No.</th>
<th>Title</th>
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</thead>
</table>

(b) Magazines (Same as Sub. Landscap Sem. VI)

© Others
(i) Video Programs
(ii) Learning Packages
(iii) Computer Unit

Subject: Interior Design – IV Lab

PRACTICAL CODE: 235623 (35)
HOURS: 80

LIST OF PRACTICAL / TUTORIALS:
- Interior scheme for interior *with plans, elevations, ceiling plan, sections, furniture detail & other required working.
- Complete Interior project furnishing with fittings, accessories, lighting, Ventilation, Climate control.
- Perspective with colour or any other suitable presentation drawing for the project.
- A brief report on the project on the points described above (Chapter 1 to 9) including the Aims, Objectives, Methodology, proposals not more than 20 pages.

*(Living units like Living room, Drawing room, Dinning room, living cum dinning room, Drawing cum living room, Drawing cum dinning room, Kitchen, Kitchen cum dinning, Bedroom, Master’s bed room, Children’s bed room, guest room, Toilet, Lounge, Commercial like restaurant, Fast food centre, Ice cream Parlour, Beauty Parlour, STD-PCO canter, Hospital, Clinic, Cyber café, Office, Shop, Class room, Computer centre, Religious building, Library, Museum, Theatre, Auditorium, Bowling alley or any contemporary interior project.)
A) SEMESTER : VI
B) SUBJECT TITLE : LANDSCAPE
C) CODE : 235614 (35)
D) BRANCH / DISCIPLINE : INTERIOR DECORATION & DESIGN
E) RATIONALE:

Landscape plays an important role in enhancing the aesthetic value of interior space. At the same time psychologically plants give mental peace. The objective of introducing this subject is to equip the students with the knowledge of qualities and functions of plants and incorporating it in designing interior & exterior spaces.

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<td>INTRODUCTION TO LANDSCAPE</td>
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<td>PLANTS</td>
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H) DETAILED CONTENTS:

Chapter -1- INTRODUCTION TO LANDSCAPE
- Definition of landscape, its scope and importance.
• Importance of interior landscape.

Chapter-2: WATER IN LANDSCAPE
• Role of water in landscape design, its functional and aesthetical consideration in landscape design.

Chapter -3- PLANTS
• Functional qualities of Plants
• Role of light in landscape design.

Chapter -4- AESTHETIC COMPONENTS OF LANDSCAPE DESIGN
• Elements of design: Space, Mass, Line, Colour, Light & Shade, Texture, Time, Climate & season.
• Principles of design: Unity, Variety, Rhythm, Balance, Scale, and Proportion.

Chapter -5- PHYSICAL COMPONENT OF LANDSCAPE DESIGN
• Natural : Earth, Rock, Water, Plants,
• Structural: Earth related structure, Enclosure structure, Shelter structure, Engineering structure.

Chapter -6- DEVELOPMENT OF GARDEN IN HISTORY-I
• Western (i) Egyptian (ii) Assyrian (iii) Greek (iv) Roman

Chapter -7- DEVELOPMENT OF GARDEN IN HISTORY-II.
• Mugal Garden with example
• English Garden.

Chapter -8- DEVELOPMENT OF GARDEN IN HISTORY-III.
• Non Western (i) Chinese (ii) Japanese.

Chapter -9- PAVEMENTS
• Different types of pavements.
• Different materials used for pavements.

Chapter -10- GARDEN FURNITURE
• Different types of garden furniture with sketches.

I) SUGGESTED INSTRUCTIONAL STRATEGIES:
• Lecturer Method
• Lecturer with media OHP, LCD
• Expert Lecture
• Site visit : Student should have a brief knowledge of garden design. At the same time students should be aware of different varieties of seasonal plants. They should have knowledge about their flowering season, colour and other properties

J) SUGGESTED LEARNING RESOURCES

(a) Reference Books:
<table>
<thead>
<tr>
<th>Sl.No.</th>
<th>Title</th>
<th>Author, Publisher, Edition &amp; Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Landscape Architecture</td>
<td>John Ormsbee Simonds</td>
</tr>
<tr>
<td>2</td>
<td>Planting design</td>
<td>Brain Hackett</td>
</tr>
<tr>
<td>3</td>
<td>Encyclopaedia Britannica</td>
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### (b) Magazines

<table>
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<th>S. no</th>
<th>Name of Magazine / Journals</th>
<th>Period</th>
<th>Publisher</th>
<th>Rate @ Rs.</th>
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<tr>
<td>1</td>
<td>Inside-Outsides</td>
<td>Monthly</td>
<td>Business India Group Production Cell 12&lt;sup&gt;th&lt;/sup&gt; Floor, Nirmal, Nariman Point, Mumbai -400021</td>
<td>50/ copy 400/year</td>
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<tr>
<td>2</td>
<td>Architecture + Design</td>
<td>Bi-monthly</td>
<td>Media Transasia India Ltd. K-35, Green Park, New Delhi-110016</td>
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<td>3</td>
<td>Indian Design &amp; Interiors</td>
<td>Do</td>
<td>Do</td>
<td>50/copy 270/year</td>
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<tr>
<td>4</td>
<td>Archi- e- funda</td>
<td>3/year</td>
<td>Saraswatham, 24/234/19, Krishna Green Garden, Kottapuram Road, Poonkunnam Thrissur -680002</td>
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<td>5</td>
<td>House layout</td>
<td>Bi-monthly</td>
<td>Quorum Publishing Pvt. Ltd. B-103, Sussex Industrial Estate, Dadoji Konddeo Cross Marg, Byculla, Mumbai-400027</td>
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<td>6</td>
<td>Journal of Indian Institute of Architects</td>
<td>Monthly</td>
<td>Indian Institute of Architects Prospect Chambers Annexe 5&lt;sup&gt;th&lt;/sup&gt; floor, Dr. D.N. Road, Mumbai 400001</td>
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<tr>
<td>7</td>
<td>Architecture Time, Space &amp; People</td>
<td>Monthly</td>
<td>Council of Architecture India habitat Centre Core 6-A, 1st Floor, Lodhi road, New Delhi110003</td>
<td>30/Copy</td>
</tr>
<tr>
<td>8</td>
<td>Architecture Chhattisgarh</td>
<td>Bi-monthly</td>
<td>Indian Institute of Architects Chhattisgarh Chapter, Matruchhaya, Rajbhawan Chauk, Civil Line, Raipur (C.G.)</td>
<td>300/year</td>
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<tr>
<td>9</td>
<td>Society Interiors</td>
<td>Fortnightly</td>
<td></td>
<td></td>
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<tr>
<td>10</td>
<td>The world of Interiors</td>
<td>Monthly</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Better homes &amp; Garden</td>
<td>Monthly</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>House &amp; Garden</td>
<td>Monthly</td>
<td></td>
<td></td>
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</tbody>
</table>

© Others
- Video Programs
- Learning Packages
In the present day computer is becoming essential tool in architecture and interior design for data management presentation & documentation. This subject intends to develop the basic knowledge & skill of ms office, ms excel & PowerPoint to enable them to present their design, estimate etc.

J) TEACHING AND EXAMINATION SCHEME:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Periods / Week (In Hours) (Teaching Scheme)</th>
<th>Scheme of Examination</th>
<th>Credit L+(T+P)/2</th>
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<tr>
<td>235621 (22)</td>
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L : Lecturer hours, T : Tutorial hours, P : Practical hours,
ESE : End of Semester Exam., CT : Class test, TA : Teacher’s Assessment.

G) DISTRIBUTION OF HOURS:

<table>
<thead>
<tr>
<th>Sl No.</th>
<th>Chapter No.</th>
<th>Chapter Name</th>
<th>Hours</th>
</tr>
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<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>WORKING WITH WINDOWS OS</td>
<td>4</td>
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<tr>
<td>2</td>
<td>2</td>
<td>COMPUTER HARDWARE</td>
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<td>3</td>
<td>3</td>
<td>MS OFFICE-(MS WORD) - I</td>
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<td>4</td>
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<td>MS OFFICE-(MS WORD)- II</td>
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<tr>
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<td>MS OFFICE-( MS EXCEL)- I</td>
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<tr>
<td>6</td>
<td>6</td>
<td>MS OFFICE-( MS EXCEL)- II</td>
<td>4</td>
</tr>
<tr>
<td>7</td>
<td>7</td>
<td>MS OFFICE-( MS EXCEL)- III</td>
<td>4</td>
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<tr>
<td>8</td>
<td>8</td>
<td>MS OFFICE-( MS POWER POINT)- I</td>
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<tr>
<td>9</td>
<td>9</td>
<td>MS OFFICE-( MS POWER POINT)- II</td>
<td>4</td>
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<tr>
<td>10</td>
<td>10</td>
<td>INTERNET</td>
<td>7</td>
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<tr>
<td>TOTAL</td>
<td></td>
<td></td>
<td>48</td>
</tr>
</tbody>
</table>

H) DETAILED COURSE CONTENTS:

Chapter-1- WORKING WITH WINDOWS OS
- Working with desktop
- Creating folder, creating shortcuts, creating text files
• Finding the files, renaming and deleting the file or folder
• Working with recycle bin, getting help, setting desktop wallpaper
• Setting screen saver, shutting down,

Chapter-2-COMPUTER HARDWARE
• Hardware
• Memory implementation
• PC configuration
• The session in brief

Chapter-3-MS OFFICE-(MS WORD)- I
• Introduction
• Creating a document, editing a document
• Formatting text and paragraphs, section break & page break
• Header & footers, language tools
• Cutting, copying and pasting text
• Modifying font, aligning text
• Indenting paragraphs and modifying line spacing
• Setting and modifying tabs
• Inserting numbers and bullets in the word document
• Inserting header & footer to the document
• Creating page break, using autocorrect, setting auto text
• Spelling and grammar tool, find text closing document

Chapter-4- MS OFFICE-(MS WORD)- II
• Viewing document windows
• Working with columns
• Saving and protecting the document
• Printing documents, creating a table, creating main document
• An exercise

Chapter-5- MS OFFICE-( MS EXCEL)- I
(SPREADSHEET BASICS)
• Getting started with ms excel
• Creating workbook and worksheets
• Entering text, entering numbers, formatting the text
• Selecting multiple cells
• Writing simple formula, writing complex formula
• Copying formulae in rest of the cells
• How to edit formulae
• Applying formatting features to numbers
• Saving the worksheet
• Formatting the text
• Changing the column width, changing row height
• Inserting and deleting rows, inserting and deleting columns
• Moving and copying cell contents
• Transferring data between worksheets
• Transferring data between workbooks
• Checking spelling mistakes, printing the worksheet

Chapter 6- MS OFFICE-(MS EXCEL)- II
(MANAGING DATA)
• Creating a worksheet on “quarterly sales figure”
• Relative references, absolute references
• Creating a range, using excel function
• Saving the worksheet
• Using common statistical functions
• Previewing the worksheet
• Sorting data, filtering data, data forms

Chapter 7- MS OFFICE-(MS EXCEL)- III
• Introduction to chart, creating chart, using a chart wizard
• Editing and formatting charts, to print the graph
• To add data series, deleting data series, formatting the charts
• Using the chart dialog box
• Inserting and formatting the title in the chart
• Previewing the worksheet, saving the worksheet
• Working with auto format, using auto formats
• Creating styles, conditional formatting
• Using cell references in conditions, using formulae in conditions
• Custom formats, preview the worksheet, save workbook

Chapter 8- MS OFFICE-(MS POWER POINT)- I
• Starting PowerPoint,
• Creating presentation using blank presentation
• Creating presentation using auto content wizard
• Using design templates, different view of slides, viewing slid master

Chapter 9- MS OFFICE-(MS POWER POINT)- II
• Making handouts
• Printing slides
• Setting the slide timings, drawing on slides
• Customising a presentation
• Working with graphs, insert objects and graphics
• Adding transition to the slide, adding slide animation
• Modify slide background colour and fill pattern
• Saving presentation

Chapter 10-INTERNET
• Introduction to the internet
• Application area of internet
• The world wide web
• File transfer protocol
• Email- the internet as a postman, connecting the pieces together
• Requirements of an internet connection
• Opening the web page wizard,
- Giving title and saving location of the web page
- Selecting the navigation type, adding pages, organizing the links
- Applying themes, end of web pages wizard
- Sending e-mail messages using word
- Sending e-mails
- Publishing excel documents on the web
- Creating online presentations with power point.

(I) SUGGESTED INSTRUCTIONAL STRATEGIES:
- Lecture Method
- Expert Lecture
- Demonstration
  (i) Demonstration of work of Expert
  (ii) Demonstration of various projects on MS Word, MS Excel, MS Power Point and Internet
  (iii) Demonstration of MS PowerPoint Presentation with the help of LCD projector.

J) SUGGESTED LEARNING RESOURCES.
(a) Reference Books:

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>1.</td>
<td>A to Z office</td>
<td>Hemant Goyal, Ravi Pocket book-2005</td>
</tr>
<tr>
<td>2.</td>
<td>A to Z Microsoft word 2002</td>
<td>Hemant Goyal, Ravi Pocket Book-2005</td>
</tr>
<tr>
<td>3.</td>
<td>A to Z Microsoft Excel 2002</td>
<td>Hemant Goyal, Ravi Pocket Book-2005</td>
</tr>
<tr>
<td>4.</td>
<td>Rajat internet course with networking</td>
<td>j. Surnjana, J. Vasu, Rajat Publication-2005</td>
</tr>
</tbody>
</table>

(b) Others
  i. LCD projector
  ii. OHP transparencies
  iii. Computer aided instructional package
  iv. Video/audio teaching
  v. Complete computer unit
LIST OF PRACTICALS / TUTORIALS:
- Practice on computer for word processing
- Preparation of minimum two documents i.e., letters, passage etc. In ms word and practice to take printout.
- Copy of a file from hard disk to floppy disk, compact disk, pen drive
- Preparations of estimate using ms excel.
- Preparation of various worksheets with ms excel
- Using search engines
- Using e-mail account, sending e-mail with attachments
- One work on power point
CHHATTISGARH SWAMI VIVEKANAND TECHNICAL UNIVERSITY, BHILAI

A) SEMESTER : VI
B) SUBJECT TITLE : PRESENTATION TECHNIQUES LAB
C) CODE : 235624 (35)
D) BRANCH / DISCIPLINE : INTERIOR DECORATION & DESIGN
E) RATIONALE :
   A designer can express his/her ideas in a better way by appropriate presentation skills. This subject intends to equip the students in better visualisation and transforming her imagination on to the paper. Presentation can be done by various means like black and white presentation by pen, pencil, and colour presentation by the use of different colours, by making slides etc.

F) TEACHING AND EXAMINATION SCHEME:

<table>
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<tbody>
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<td>235624 (35)</td>
<td>L  T  P</td>
<td>Theory</td>
<td>Practical</td>
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<td></td>
<td>ESE</td>
<td>CT</td>
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<td></td>
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<td>3</td>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>STUDY OF PRESENTATION BY MEANS OF VARIOUS RENDERING TECHNIQUES</td>
<td>8</td>
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<tr>
<td>2</td>
<td>2</td>
<td>PRESENTATION OF 2D DRAWING</td>
<td>10</td>
</tr>
<tr>
<td>3</td>
<td>3</td>
<td>PRESENTATION OF TEXTURES AND COMPOSITION</td>
<td>10</td>
</tr>
<tr>
<td>4</td>
<td>4</td>
<td>PRESENTATION OF A 3D DRAWING</td>
<td>10</td>
</tr>
<tr>
<td>5</td>
<td>5</td>
<td>PREPARATION OF SLIDES</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TOTAL</td>
<td>48</td>
</tr>
</tbody>
</table>

H) DETAILED COURSE CONTENTS:

Chapter -1- STUDY OF PRESENTATION BY MEANS OF VARIOUS RENDERING TECHNIQUES
Study of presentation by means of various rendering techniques such as:
- Pencil (black and white presentation)
- Pen and ink
- Colour pencil
- Water colour
- Photo/Fuji colour

**Chapter-2: PRESENTATION OF 2D DRAWING**
- Presentation of 2D drawing (plan, elevation, views) with the help of above rendering techniques.

**Chapter -3- PRESENTATION OF TEXTURES AND COMPOSITION**
- Presentation of textures and composition with the help of drawings

**Chapter -4- PRESENTATION OF A 3D DRAWING**
- Visualisation of 3 dimensions and appropriate presentation of the same through presentation techniques

**Chapter -5- PREPARATION OF SLIDES**
- Presentation of sheets/slides on current design problem/landscape problem/historical building, monuments etc. through sheets/slides through proper medium

**I) SUGGESTED INSTRUCTIONAL STRATEGIES:**
- Lecturer Method
- Demonstration
  - Preparation of slides by students
  - Preparation of drawings in AutoCAD (if instructed)

**H) SUGGESTED LEARNING RESOURCES**

(a) Reference Books:

<table>
<thead>
<tr>
<th>Sl.No.</th>
<th>Title</th>
<th>Author, Publisher, Edition &amp; Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Rendering with pen and ink</td>
<td>Robert W.Gill, Thames and Hudson ltd, London.1984</td>
</tr>
<tr>
<td>2</td>
<td>Commercial Interior perspective</td>
<td>Graphics-sha publishing co, ltd, Tokyo, Japan.</td>
</tr>
<tr>
<td>3</td>
<td>Step by step, art school, still life</td>
<td>Jack Buchan and Jonathan backer ,Hymlyn, London</td>
</tr>
<tr>
<td>5</td>
<td>A text book of Perspective &amp; Sciography</td>
<td>Shankar Mulik, Allied Publishers ltd.15, JN Hardia road, Ballard estate, Mumbai.-400038</td>
</tr>
</tbody>
</table>

(b) Others

(i) Learning Packages
(ii) Computer Unit
(iii) Video Teaching

**LIST OF PRACTICAL / TUTORIALS:**
1. Design a small landscape area. Drawing should be submitted in the form of
   - Concept(s)
   - Plan(s)
   - Section(s)
   - Details: Showing different kinds of paving materials used, use of proper hard & soft elements
   - Views
   - Brief description of plants used in the design of landscape area

2. Presentation Drawings of Design-IV