

# CHHATTISGARH SWAMI VEVEKANAND TECHNICAL UNIVERSITY, BHILAI

Course of Study and Scheme of Examination of Diploma in ARCHITECTURE

## SEMESTER -VI

S No.	Subject Code	Board of study	Subject	Periods per week			Scheme of Examination					Total marks	Credit L+(T+P) /2
							Theory			Practical			
				L	T	P	ESE	CT	TA	ESE	TA		
1	200615 (37)	Mechanical	Entrepreneurship Development	4	1	-	100	20	10	-	-	130	5
2	216612 (16)	Architecture	Production Drawing**-II	4	1	-	100	20	20	-	-	140	5
3	216613 (16)	Architecture	Design *-IV	4	1	-	100	20	20	-	-	140	5
4	216614 (16)	Architecture	Town Planning	3	1	-	100	20	20	-	-	140	4
5	216621 (22)	Computer Science	Computer Application -III Lab	2	1	3	-	-	-	50	40	90	4
6	216622 (16)	Architecture	Production Drawing-II Lab	-	-	3	-	-	-	50	40	90	2
7	216623 (16)	Architecture	Design -IV Lab	-	-	5	-	-	-	100	80	180	3
8	216624 (16)	Architecture	Presentation Techniques Lab	-	-	3	-	-	-	50	40	90	2
<b>Total</b>				17	5	14	400	80	70	250	200	1000	30

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.)

**CHHATTISGARH SWAMI VIVEKANAND TECHNICAL UNIVERSITY,  
BHILAI**

- A) **SEMESTER** : **VI**  
 B) **COURSE TITLE** : **ENTREPRENEURSHIP DEVELOPMENT**  
 C) **CODE** : **200615 (37)**  
 D) **BRANCH/DISCIPLINE** : **ARCHITECTURE**  
 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:**

Course Code	Periods/Week (In Hours)			Scheme of Examination						Credit L+(T+P)/2
	L	T	P	Theory			Practical		Total Marks	
				ESE	CT	TA	ESE	TA		
200615 (37)	4	1	-	100	20	10	-	-	130	5

G) **DISTRIBUTION OF MARKS AND HOURS:**

Chapter No.	Chapter Name	Periods	Marks
1.	Entrepreneurship Development	10	12
2.	Forms of business organization	8	10
3.	Institutional support for SSI	8	10
4.	Planning a small scale industry	10	18
5.	Management of small business firms	8	12
6.	Project selection, formulation and appraisal	12	12
7.	Problems of small industries	12	14
8.	Entrepreneurial motivation training	12	12
	Total	80	100

H) **DETAILED 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:

### Reference Books :

Sl. No.	Title	Author, Publisher
1.	Starting your own Business, A step-by-step Blue print for the First-time Entrepreneur	Stephen C. Harper, Mc Craw-Hill
2.	Harward Business Review on Entrepreneurship	Harvard Business School Press
3.	Entrepreneurship Development in small scale proceedings of National Seminar, DCSSI, New Delhi	Patel V.G.
4.	Entrepreneurship : Strategies & Resources	Abrams Grant Pass, Oregon: Oasis Press
5.	The Business Planning Guide	David H. Bangs Upstart Publishing Company, In Chicago
6.	Entrepreneurship development in India	Dr. C.B. Gupta Dr. N.P. Srinivasan Sultan Chand & Sons

### 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

**CHHATTISHGARH SWAMI VIVEKANAND TECHNICAL UNIVERSITY,  
BHILAI**

- A) SEMESTER** : VI  
**B) SUBJECT TITLE** : PRODUCTION DRAWING – II  
**C) CODE** : 216612 (16)  
**D) BRANCH / DISCIPLINE:** ARCHITECTURE  
**E) RATIONALE** :

Working drawing is necessary for execution of any project. The course content at this semester intends to develop advance stage in drawing and detailing of the architectural project. The students at this stage shall be able to understand & present the architectural drawing in such a way that it can be executed at site.

**F) TEACHING AND EXAMINATION PERIODS: -**

Course Code	Period/Week (In Hours) (Teaching Scheme)			Scheme Of Examination					Credit L+(T+P)/2	
	L	T	P	Theory			Practical			Total Marks
				ESE	CT	TA	ESE	TA		
216612 (16)	04	01	-	100	20	20	-	-	140	5
216622 (16)	-	-	03	-	-	-	50	40	90	2

**G) DISTRIBUTION OF MARKS AND HOURS:**

S. NO	CHAPTER NO.	CHAPTER NAME	HOURS	MARKS
1	1	PLANS	8	20
2	2	CORPORATION PLAN	8	30
3	3	DOOR & WIDOW DETAILS	8	50 (ANY TWO QUESTION FROM CHAPTER 3 TO 10)
4	4	STAIR DETAILS	8	
5	5	ELECTRICAL LAYOUT	8	
6	6	TOILET DETAILS	8	
7	7	SANITARY LAYOUT	8	
8	8	KITCHEN DETAILS	8	
9	9	SITE DEVELOPMENT	8	
10	10	DRAFTING OF A HOUSING LAYOUT	8	
Site visits provided for chapter 1 - 10				
<b>TOTAL</b>			<b>80</b>	<b>100</b>

**H) DETAILED COURSE CONTENTS:**

**Chapter 1: Plans**

- Drafting of plans of different levels with suitable scale and basic dimensions.

## **Chapter 2: Corporation Plan**

- Preparation of corporation drawings for residence, shopping complex etc (minimum one)
- Study of area calculation, F.A.R, setbacks and other information required for preparing a corporation drawing.

## **Chapter 3: Door & Window Details**

- Plan, elevation, sections of door and window
- Required details
- Specification of fixtures
- (Less wastage will be given to designing of door and window panels)
- (Any one typical panels design of door & window)

## **Chapter 4: Stair Details**

- Plans (with steps numbers)
- Sections (with steps numbers)
- Railing details
- Structure details will be prepared in a separate sheet
- Other details (if required) in a separate sheet
- Scale should be proper to understand a layman to avoid confusions

## **Chapter 5: Electrical Layout**

- Electrical layout in plan (with levels)
- Showing electrical fixtures in elevations (if necessary)
- Specification of fixtures
- Other details (if required) in a separate sheet

## **Chapter 6: Toilet Details**

- Fixtures layout plan (water closet, bathing space, wash basin etc)
- Water supply layout
- Soil outlet
- Waste water pipe
- Tiles fitting detail
- Minimum one section
- Other details (if required) in a separate sheet

## **Chapter 7: Sanitary Layout Plan**

- Pipe line for soil (including all chambers) with levels
- Waste water, (including all junctions)
- Other required details
- Showing plumbing and sanitation system (if required) in a separate sheet

## **Chapter 8: Kitchen Details**

- Kitchen layout plan
- Details of platform including finishes, dado above platform
- Space for cooking range and cylinder should be specified
- Space for sink should be specified
- Other details (if required) in a separate sheet

## Chapter 9: Site Development

- Detail of boundary wall
  - I. Elevations with levels and heights
  - II. Detail sections
  - III. Plans
- Landscaped area (showing hard and soft landscape surfaces)
- Other details (if required).

## Chapter 10: Drafting of A Housing Layout

- Drafting of a housing layout
- Study of area calculation, road width, setbacks and other information's required for preparing a housing layout.
- (Only one sheet should be prepared for this chapter)

### I) SUGGESTED INSTRUCTIONAL STRATEGIES:

- Lecture Method
- Expert Lecture
- Demonstration of experts work.
- Regular site visits (Minimum two)

### J) SUGGESTED LEARNING RESOURCES:

(a) Reference Books:

S.No.	Title	Author, Publisher, Edition & Year
1	Building Drawing	M.G. Shah, G.M.Kale & S.Y. Patki, Tata Mcgraw Hill Publisher Co. Kolkata.
2.	Civil Engineering Drawing	Dr. N. Ghosh, CBS Publishers & Distributors, Delhi
3.	Architectural Graphics Standards	Ramsey Sleeper Publisher, Super Book House, Sindh Chambers, Colaba, Mumbai.
4	Civil Engineering Drawing	Gurucharan Singh, Standard Publishers & Distributors, Delhi

(b) Others

- (i) LCD projector
- (ii) OHP transparencies
- (iii) Computer aided instructional package
- (iv) Video/ audio teaching
- (v) Complete computer unit



**SUBJECT TITLE : PRODUCTION DRAWING – II LAB**

**PRACTICAL CODE: 216622 (16)**

**PERIODS: 48**

**LIST OF PRACTICALS/TUTORIALS:**

- Drafting of Plans.
- Sheets of Corporation plan.
- Sheets of doors & window details with all required section.
- Sheets on stair with all details.
- Sheets on Electrical layouts.
- Sheets on Toilets details.
- Sheets on Sanitary layout plan
- Sheets on Kitchen details.
- Sheets of Site plan.
- Drafting of a Housing layout.

**CHHATTISGARH SWAMI VIVEKANAND TECHNICAL UNIVERSITY,  
BHILAI**

- A) SEMESTER :VI  
 B) COURSE TITLE : DESIGN - IV  
 C) CODE : 216613 (16)  
 D) BRANCH / DISCIPLINE: ARCHITECTURE  
 E) RATIONALE:

In any educational programme a project as a course is provided to enable the student to handle it independently with guidelines given by the faculty so that he / she is exposed to live situation gaining live experience. It also becomes essential for the assessment of achievement based on application at all levels. The course therefore aims and allows students for creating most meaningful project demonstrating his/her learnt integrated knowledge of previous semesters.

It influences in him the confidence to take up challenge or task.

OBJECTIVE: - The student will be able to-

- Gain insight into project situation knowing strength and weakness of sites, its constraints etc.
- Develop ability to solve the problem faced in the course of project.
- Develop decision-making ability.
- Acquire skill of presentation and expression.

**F) TEACHING AND EXAMINATION SCHEME:**

Course code	Periods/ week (In Hours)			Scheme of Examination						Credit L+(T+P)/2
	L	T	P	Theory			Practical		Total Marks	
				ESE	CT	TA	ESE	TA		
216613 (16)	4	1	-	100	20	20	-	-	140	5
216623 (16)	-	-	5	-	-	-	100	80	180	3

**G) DISTRIBUTION OF MARKS AND HOURS:**

S.NO.	CHAPTER NO.	CHAPTER NAME	HOURS	MARKS
1.	1	TOPIC SELECTION	2	
2.	2	LITERATURE AND CASE STUDIES	2	-
3.	3	SITE SELECTION AND ANALYSIS	5	-
4.	4	STUDY AND FORMULATION OF DESIGN REQUIREMENTS	5	-
5.	5	A) INITIALISING DESIGN B) FINALIZATION OF PLAN	30	50
6.	6	A) DEVELOPMENT OF ELEVATIONS B) FORMULATION OF SECTIONS	15	20
7.	7	VIEWS	8	20
8.	8	DRAFTING OF SITE PLAN	8	10
9.	9.	MODEL	5	-
		<b>TOTAL</b>	<b>80</b>	<b>100</b>

## **H) DETAILED COURSE CONTENTES:**

### **Chapter – 1: Topic Selection**

- Selection & decision of topic of design project.

### **Chapter – 2: Literature and Case Studies**

- Literature and case studies as per guidelines provided by teacher.

### **Chapter – 3: Site Selection and Analysis**

- Selection of either proposed site or suitable site for selected design project.
- Site analysis in terms of size, area, surface contours, wind and sun direction (north direction), surroundings, location of site in the context of city or user (merits and demerits of the site).

### **Chapter -4: Study and Formulation of Design Requirements**

- Requirement to be formulated through case study and literature study considering the needs and demands.
- Deciding on scope and limitation of the design.
- Formulation of design requirements.

### **Chapter -5:**

#### **a) Initialising Design**

(Initialising of design is depends on the approach of the student.)

- Starting with concepts development:
  - i) Sketches and literature to support concept of design.
  - ii) Single line plan showing basic functional aspects (with doors and windows)
- Starting with functions:
  - i) Single line plan (with doors and windows)
  - ii) Plan detailed with importance of specific space for specific purpose.
  - iii) Zoning and circulation.

#### **b) Finalization of Plan:**

- All floor plans with proper circulation and functions (working detail dimensions should be avoided)

### **Chapter 6:**

#### **a) Development of Elevations:**

(All the elevation facing roadsides or minimum two)

- Elevations should be satisfied the principle of design like Balance, Rhythm, Harmony, Unity, Character etc.
- (Elevation will be submitted in the presentable form with sciography and colour)

#### **b) Formulation of Sections:**

- Sections showing level differences of functions.
- One section through staircase.
- Other important sectional details.

### **Chapter –7: Views**

- Perspective views.

### Chapter –8: Drafting of Site Plan:

- Development of building surrounding landscaped area.

### Chapter –9: Model:

- Model of whole unit or partial unit as per teacher's instruction.

### I) SUGGESTED INSTRUCTIONAL STRATEGIES:

- Lecture method
- Expert lecture
- Demonstration of work of expert
- Studio work

### J) SUGGESTED LEARNING RESOURCES

(a) Reference Books:

S. No.	Title	Author and Publisher
1.	Time Saver Standard,(Building types )	Josep De Chiara & Johanan cock Callender Publisher , Singapore
2.	Ernst Neufert Architect Data	Jones , Vincent , Publisher Blackiyell Seientific Publication, Oxford

(b)Journals:

- i) A+D, NewDelhi.
- ii) Inside Outside, Mumbai.
- iii) Architecture, Council of Architecture, New Delhi.

(c)Others

- (i) LCD projector.
- (ii) OHP transparencies.
- (iii) Video / Audio Teaching.
- (iv) Computer Unit.

### COURSE TITLE: DESIGN – IV LAB

**PRACTICAL CODE: 216623 (16)**  
**TOTAL HOURS: 80**

### LIST OF PRACTICALS / TUTORIALS:

#### a) Sheets on

- All levels (floors) plan.
- Elevations.
- Sections.
- Site plan.
- Views.
- Details of design.

b)Model - Model submission as per teacher instruction.

**CHHATTISGARHCHH SWAMI VIVEKANAND TECHNICAL UNIVERSITY,  
BHILAI**

- A) SEMESTER** :VI  
**B) COURSE TITLE** : TOWN PLANNING  
**C) CODE** : 216614 (16)  
**D) BRANCH / DISCIPLINE:** ARCHITECTURE  
**E) RATIONALE** :

The course content intends to equip the students with the knowledge of various elements of town planning and Zoning regulation and develop skill of planning a neighbourhood.

**F) TEACHING AND EXAMINATION SCHEME:**

Course code	Periods/ week (In Hours)			Scheme of Examination						Credit L+(T+P)/2
	L	T	P	Theory			Practical		Total Marks	
				ESE	CT	TA	ESE	TA		
216614 (16)	3	1	-	100	20	20	---	---	140	4

**G) DISTRIBUTION OF MARKS AND HOURS:**

S.NO.	CHAPTER NO.	CHAPTER NAME	HOURS	MARKS
1.	1	INTRODUCTION	7	10
2.	2	GROWTH OF TOWNS	7	10
3.	3	ELEMENTS OF CITY PLAN	7	10
4.	4	ZONING	4	10
5.	5	HOUSING	7	10
6.	6	URBAN ROADS	6	10
7.	7	PARK AND PLAYGROUNDS	6	10
8.	8	PUBLIC BUILDINGS	6	10
9.	9	BUILDING BYE LAWS	7	10
10.	10	MASTER PLAN	7	10
		TOTAL	64	100

**H) DETAILED COURSE CONTENTES:**

**Chapter-1: Introduction**

- Definition
- Aims and objectives of town planning
- Principles of town planning

**Chapter-2: Growth Of Towns**

- Origin of towns
- Growth of towns
  - a) Growth according to origin
  - b) Growth according to direction
- Garden city

**Chapter-3: Elements Of City Plan**

- Various elements of city plan
- Description of land

**Chapter -4: Zoning**

- Definition
- Importance

- Classification of Zoning

### **Chapter -5: Housing**

- Introduction
- Neighbourhood planning
- Types of layout
- Classification of housing

### **Chapter-6: Urban Roads**

- Vehicular circulation pattern.
- Three-road junction& four way intersection
- Y-junction and Angular junction

### **Chapter-7: Parks And Play Grounds**

- Types of recreation
- Classification of parks
- Park systems
- Definition of park ways
- Boulevards
- Playgrounds

### **Chapter-8: Public Buildings**

- Town centres

### **Chapter-9: Building Bye Laws**

- General introduction
- Objects of byelaws
- Set back
- Light plane
- FSI/FAR
- Minimum plot sizes
- Building bye laws for residential area of a typical town planning scheme

### **Chapter-10: Master Plan**

- Definition
- Objects and necessity of Master plan
- Features of master plan
- Stages of preparation of master plan.

### **I) SUGGESTED INSTRUCTIONAL STRATEGIES:**

- Lecture method
- Demonstration through slides, OHP projector
- Seminars (by students)

### **J) SUGESSTED LEARING RESOURCES**

- a) Reference Books:

S. No.	Title	Author and Publisher
1.	Town planning	Rangwala charotar publishers, Anand
2.	Introduction to Architecture and town planning	Hiraskar, Dhanpat rai & sons, nai sadak, Delhi.
3.	Urban pattern	Galliong CBS
4.	Principle and practice in town planning	Lewis keeled,
5.	Planning the Indian city	M.H. Bunch UBS Publishers & Distributors New Delhi
6.	Town planning	Abir Bandyopadhyay, Books and Allied (P) ltd, Calcutta.
7.	Architecture & town planning	Satish Chandra Agrawal, Dhanpat rai & sons, Delhi

**CHHATTISGARH SWAMI VIVEKANAND TECHNICAL UNIVERSITY,  
BHILAI**

- A) **SEMESTER** : VI  
 B) **SUBJECT TITLE** : COMPUTER APPLICATION - III LAB  
 C) **CODE** : 216621 (22)  
 D) **BRANCH / DISCIPLINE** : ARCHITECTURE  
 E) **RATIONALE** :

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:**

Course Code	Periods / Week (In Hours) (Teaching Scheme)			Scheme of Examination						Credit L+(T+P)/2
	L	T	P	Theory			Practical		Total Marks	
				ESE	CT	TA	ESE	TA		
216621 (22)	2	1	3	-	-	-	50	40	90	4

**G) DISTRIBUTION OF HOURS:**

SL NO.	CHAPTER ON.	CHAPTER NAME	PERIODS/HOURS
1	1	WORKING WITH WINDOWS OS	4
2	2	COMPUTER HARDWARE	4
3	3	MS OFFICE-(MS WORD)- I	5
4	4	MS OFFICE-(MS WORD)- II	5
5	5	MS OFFICE-( MS EXCEL)- I	5
6	6	MS OFFICE-( MS EXCEL)- II	5
7	7	MS OFFICE-( MS EXCEL)- III	5
8	8	MS OFFICE-( MS POWER POINT)- I	5
9	9	MS OFFICE-( MS POWER POINT)- II	5
10	10	INTERNET	5
TOTAL			48

**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 auto correct, 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
- Customizing a presentation
- Working with graphs, insert objects and graphics
- Adding transition to the slide, adding slid animation
- Modify slid 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.

**(II) 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 Power Point Presentation with the help of LCD projector.

**J) SUGGESTED LEARNING RESOURCES.**

(a)Reference Books:

SL NO.	TITLE	AUTHOR	PUBLISHER,EDITION& YEAR
1.	A to Z office	Hemant Goyal	Ravi pocket book-2005
2.	A to Z Microsoft word 2002	Hemant Goyal	Ravi pocket book-2005
3.	A to Z Microsoft Excel2002	Hemant Goyal	Ravi pocket book-2005
4.	Rajat internet course with networking	j. Surnjana, j. Vasu	Rajat publication-2005
5.	Learning to use internet	Ackermann	Bpb Pulications, New Delhi -2
6.	Mastering MS Office XP- Premium edition	Courter	Bpb Pulications, New Delhi -2
7.	Mastering MS Office 2003	Courter	Bpb Pulications, New Delhi -2

(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
- Preparation of estimate using ms excels.
- Preparation of various worksheets with ms excels.
- 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** : 216624 (16)  
 D) **BRANCH / DISCIPLINE** : ARCHITECTURE  
 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:**

Course Code	Periods / Week (In Hours) (Teaching Scheme)			Scheme of Examination						Credit L+(T+P)/2
	L	T	P	Theory			Practical		Total Marks	
				ESE	CT	TA	ESE	TA		
216624 (16)	-	-	3	-	-	-	50	40	90	2

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**(G) DETAILED 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/historical building/ town planning, monuments etc. through sheets/slides through proper medium

**H) SUGGESTED INSTRUCTIONAL STRATEGIES:**

- Lecturer Method
- Demonstration
  - Preparation of slides by students
  - Preparation of drawings in AutoCAD (if instructed)

#### **I) SUGGESTED LEARNING RESOURCES**

Reference Books:

Sl.No.	Title	Author, Publisher, Edition & Year
1	Rendering with pen and ink	Robert W.Gill, Thames and Hudson ltd, London.1984
2	Commercial Interior perspective	Graphics-sha publishing co, ltd, Tokyo, Japan.
3	Step by step, art school, still life	Jack Buchan and Jonathan backer ,Hymlyn, London
4	An introduction to art, craft, science technique & profession of interior design Interior design	Ahmed Abdullah Kasu, Iqaira Publ. Pvt. Ltd., Mumbai.
5	A text book of Perspective & Sciography	Shankar Mulik, Allied Publishers ltd,15, JN Hardia road, Ballard estate, Mumbai.-400038

#### **LIST OF PRACTICAL / TUTORIALS:**

Plan section and elevation of: -

- Al sheet on various rendering techniques
- Presentation of any two 2d drawing by various means (through plans, elevations, views).the presentation should be done with the help of above studied medium.
- Presentation of drawing(s) showing various textures
- Visualising any one 3d model/drawing and its presentation in the form of drawing
- Study of (any2) current design problem/town planning problem/historical building, monument etc and its presentation in the form of sheets/slides. The above should be properly rendered in proper medium.