

CHHATTISGARH SWAMI VIVEKANAND TECHNICAL UNIVERSITY, BHILAI CHHATTISGARH

DIPLOMA PROGRAMME IN INTERIOR DECORATION AND DESIGN/ARCHITECTURE

SEMESTER II COURSE OF STUDY AND SCHEME OF EXAMINATION

S. NO.	BOARD OF STUDY	SUBJECT CODE	SUBJECT	PERIODS / WEEK			SCHEME OF EXAMINATION					CREDIT L+(T+P)/2	
				L	T	P	THEORY			PRACTICAL			TOTAL MARKS
							ESE	CT	TA	ESE	TA		
1	Humanities	200211 (46)	COMMUNICATION SKILL II	4	1	-	100	20	20	-	-	140	5
2	Civil Engg	200220 (20)	ENVIRONMENTAL AWARENESS	3	1	-	100	20	20	-	-	140	4
3	IDD/ARCH	216211 (35/16)	BUILDING CONSTRUCTION I	2	1	-	100	20	30	-	-	150	3
4	IDD/ARCH	216212 (35/16)	GRAPHICS – II	3	1	-	100	20	30	-	-	150	4
5	IDD/ARCH	216213 (35/16)	BUILDING MATERIALS-I	3	1	-	100	20	30	-	-	150	4
6	Humanities	200224 (46)	PPA	-	-	2	-	-	-	-	40	40	1
7	IDD/ARCH	216221 (35/16)	COMPUTER APPLICATIONS (CADD)-I LAB	1	1	4	-	20	-	50	20	90	4
8	IDD/ARCH	216222 (35/16)	BUILDING CONSTRUCTION –I LAB	-	-	4	-	-	-	50	20	70	2
9	IDD/ARCH	216223 (35/16)	GRAPHICS –II LAB	-	-	4	-	-	-	50	20	70	2
Total				16	6	14	500	120	130	150	100	1000	29

PPA - PROFICIENCY IN PROFESSIONAL ACTIVITY
L - LECTURE T - TUTORIAL P - PRACTICAL
ESE - END OF SEMESTER EXAM CT - CLASS TEST TA- TEACHER'S ASSESSMENT

**CHHATTISGARH SWAMI VIVEKANAND TECHNICAL UNIVERSITY,
BHILAI**

SEMESTER : **II**
COURSE TITLE : **COMMUNICATION SKILLS -II**
THEORY CODE : **200211 (46)**
BRANCH / DISCIPLINE : **ALL DISCIPLINES**

Minimum number of class tests to be conducted: 2

DISTRIBUTION OF MARKS AND HOURS:

S. No.	Chapter No.	Chapter Name	No. of Hours/Periods	Marks
1	1	PASSAGES FOR COMPREHENSION	10	20
2	2	APPLIED GRAMMAR	25	25
3	3	PASSAGES IN GENERAL STUDIES	10	15
4	4	TECHNICAL WRITING	17	20
5	5	LETTER WRITING	18	20
		TOTAL	80	100

DETAILED COURSE CONTENTS:

Chapter –1 : PASSAGES FOR COMPREHENSION

- Taming the Atom
- Radar and its Uses
- A Volcano
- Precision – A Measure of Progress
- Laser

Chapter –2 : APPLIED GRAMMAR

- Basic Sentence Pattern
- Infinitives
- Narration
- Common Errors
- Modifiers
- Paragraph Writing

Chapter –3 : PASSAGES IN GENERAL STUDIES

- Salient Features of the Indian Constitution
- Structure of Government
- Functioning of an Economic System
- Production and Productivity by
- Professional Ethics

Chapter –4: TECHNICAL WRITING

- Technical Writing
 - a. A Communication Skill
 - b. Basic facts of Technical Writing
- Main Features of Technical Writing
 - a. Features of Technical Writing
 - b. Style: Literary and Technical
 - c. Mechanics of Technical Writing
- Forms of Technical Writing
 - a. Forms
 - b. Writing Definitions
 - c. Writing Technical Descriptions
 - d. Writing Technical Descriptions of Processes
 - e. Writing Instructions
- . Writing Technical Reports
 - a. Qualities of a Good Report
 - b. Forms of Reports
 - c. Types of Reports

Chapter –5 : LETTER WRITING

- Introduction
- Purposes of Letters
- Characteristics of a Letter
- Mechanics and Style
- Types of Business Letters
 - Letter of Enquiry
 - Answer to an Enquiry

INSTRUCTIONAL STRATEGIES

- Regular assignments should be given on every topics.
- Arranging expert lecture on specific topics.
- Assessment of term work of conduction of minimum two progressive tests during the session.
- Use of Audio-Visual aids.
- Group Discussions.
- Paper Presentation on different topic.

LIST OF TUTORIALS

- Group discussion and seminar
- Small report writing
- Translation works
- Practice of various letter writing / precise writing / essay writing

LEARNING RESOURCES

(a) Reference Books:

Sl.No.	Title	Author, Publisher, Edition & Year
1	Business Communication	Asha Kaul, Prentice Hall of India Pvt.Ltd, New Delhi
2	A Course in Technical English, Book-I	Somaiya Publication Pvt. Ltd. Bombay
3	A Course in Technical English, Book-II	Somaiya Publication Pvt. Ltd. Bombay
4	Living English Structure	W.S Allen
5	Practical English Grammar	Thomos and Martinet
6.	Essentials of English & Business Communication.	Rajendra Pal, J.S Korlahalli S.Chand & Sons, New Delhi.
7.	Grammar & Composition	P R Sarkar, Anand Marg Publication, Easter, Matropolition Calcutta
8.	How To Write Correct English	R P Sinha, Bharti Bhavan Publication, Patna
9	English Errors of Indian Students	Oxford University Publication, By TLH Smith Pearse
10	Passages in General Studies	Vikas Publication, Bhopal

(b) Others:

- VCD
- OHP Transparencies
- Computer Aided Instructional Packages
- Video/Audio Cassettes

**CHHATTISGARH SWAMI VIVEKANAND TECHNICAL
UNIVERSITY, BHILAI**

SEMESTER : **II**
COURSE TITLE : **ENVIRONMENTAL AWARENESS**
CODE : **200220 (20)**
BRANCH / DISCIPLINE : **INTERIOR DECORATION & DESIGN/
ARCHITECTURE**

Minimum number of class tests to be conducted: 2

DISTRIBUTION OF MARKS AND HOURS :

S. No.	Chapter No.	Chapter Name	Hours	Marks
1	01	ENVIRONMENT STUDY	5	10
2	02	RENEWABLE RESOURCES	5	10
3	03	NON RENEWABLE RESOURCES	5	10
4	04	ECOSYSTEM- STRUCTURE AND FUNCTION	7	10
5	05	ECOSYSTEM – TYPES AND CHARACTERISTIC FEATURES	6	10
6	06	ENVIRONMENTAL POLLUTION I	9	10
7	07	ENVIRONMENTAL POLLUTION II	9	10
8	08	ENVIRONMENTAL POLLUTION III	8	10
9	09	CONSERVATION OF NATURAL RESOURCES	4	10
10	10	ENVIRONMENTAL PROTECTION ACT (S)	8	10
		TOTAL	64	100

DETAILED COURSE CONTENTS:

Chapter –1 ENVIRONMENT STUDY

- Definition, Scope and Importance, Need for Public Awareness

Chapter –2 RENEWABLE RESOURCES

- Type of renewable resources
- Exploration of new resources to meet future demands

Chapter –3 NON-RENEWABLE RESOURCES

- Types of non-renewable resources
- Factors responsible for depletion of resources

Chapter –4 ECOSYSTEM STRUCTURE & FUNCTION

- Ecosystem-Introduction
- Producers, consumers, Decomposers
- Autotrophs, Heterotrophs
- Food Chain
- Ecological pyramid

Chapter –5 ECOSYSTEM TYPES & CHARACTERISTICS FEATURE

- Different types and characteristics features of ecosystems-
 - a) Forest ecosystems
 - b) Desert ecosystems
 - c) Grassland ecosystems
 - d) Aquatic ecosystems (ponds, streams, lakes, rivers, oceans estuaries)

Chapter –6 ENVIRONMENTAL POLLUTION -I

- Types and causes of air and water pollution
- Sources of air and water pollution
- Effect of air and water pollution

Chapter –7 ENVIRONMENTAL POLLUTION - II

- Types and causes of noise and soil pollution
- Sources of noise and soil pollution
- Effect of noise and soil pollution

Chapter –8 ENVIRONMENTAL POLLUTION III

- Types & causes of solid waste
- Sources of solid waste
- Solid waste management

Chapter –9 CONSERVATION OF NATURAL RESOURCES

- Need to conserve natural resources
- Various measures to conserve the natural resources

Chapter –10 ENVIRONMENTAL PROTECTION ACT (S)

- Various important laws to protect environment

INSTRUCTIONAL STRATEGIES

- Lecture Method
- Demonstration
- Lab Visit

- Field Visit

SUGGESTED LIST OF TUTORIALS :

- Visit to Construction Site
- Visit to Important Building
- Study of Surrounding Environment
- Air and Water Sampling

LEARNING RESOURCES:

a) Reference Books:

Sl.No.	Title	Author, Publisher, Edition & Year
1	Ecology and Environment	Sharma P.D., Rastogi Pub., Meerut Macmillian
2	Envrionemnt and econology	Pandey P.K., Sun India Publication, Delhi
3.	Principals of Environmental Studies	Mano Harachary B.S., Publications
4.	Parivaran Avam Vikas	Mamoriya Chathurbhuj, Sahithya Bhavan, Publication
5.	Pariyavaran Chethana	Verma Dhanjay, M.P. Hindi Grandh Academy, Bhopal,
6.	Britannia Ready Reference Encyclopedia	Encyclopedia Britannia, Encyclopedia Britannia (India) Pvt. Ltd., Delhi

b) Others :

- VCDs
- Learning Packages
- Lab Manuals

SEMESTER : II
COURSE TITLE : BUILDING CONSTRUCTION I
THEORY CODE : 216211 (35/16)
**BRANCH / DISCIPLINE : INTERIOR DECORATION & DESIGN /
ARCHITECTURE**

Minimum number of class tests to be conducted: 2

DISTRIBUTION OF MARKS AND HOURS :

S. No.	Chapter No.	Chapter Name	No. of Periods/Hours	Marks
1	01	BRICK & BRICK MASONRY	3	10
2	02	CONCRETE	6	10
3	03	LINTEL AND ARCH	4	10
4	04	STONE MASONRY	4	10
5	05	BRICK FOUNDATION	5	10
6	06	CARPENTRY JOINTS	6	10
7	07	TIMBER DOOR-I	6	10
8	08	TIMBER DOOR II	3	10
9	09	TIMBER DOOR III	6	10
10	10	TIMBER WINDOW	5	10
		TOTAL	48	100

DETAILED COURSE CONTENTS:

Chapter –1 BRICK & BRICK MASONRY

- Various types of Bricks
- Various types of brick masonry- Stop end, right angled junctions & quoins in
 - i) English Bond
 - ii) Flemish Bond

Chapter –2 CONCRETE

- Various properties of concrete
- Tests of Concrete

Chapter –3 LINTEL AND ARCH

- Various types of Arches
 - i) Flat Arch
 - ii) Semi Circular Arch
 - iii) Segmental Arch
- Various types of lintels
 - i) Lintel (plan, elevation, section) in wood, stone, brick, RCC

Chapter –4 STONE MASONRY

- Brief introduction to various types of stone masonry
- Detail of Random (built to courses and uncoursed) rubble masonry

Chapter –5 BRICK FOUNDATION

- Foundation in Brick – section through wall footing in one thickness of brick wall.

Chapter –6 CARPENTRY JOINTS

- Various types of elementary carpentry joints –
 - i) Lap joint
 - ii) Housed Joint
 - iii) Double lap joint
 - iv) Tounge and groove joint
 - v) Mortise & tenon joint
 - vi) Oblique tenon joint
 - vii) Dove tail joint

Chapter –7 TIMBER DOOR I

- Plan, elevation, section and joinery details of ledged, braced and battened door.

Chapter –8 TIMBER DOOR II

- Elevations of various types of panel door

Chapter –9 TIMBER DOOR III

- Flush Door (Solid & Hollow Core), Plan, elevation, view and details

Chapter –10 TIMBER WINDOW

- Plan, Elevation, section and details of wooden partly and fully glazed window

INSTRUCTIONAL STRATEGIES

- Lecture Method
- Demonstration
- Construction site visit
- Demonstration of various stages of construction

PRACTICAL

PRACTICAL CODE: 216222 (35/16)

No. of Periods/Hours: 64

List of Practicals/Tutorials :

- Identification of various types of bricks
- Plan, elevation of stop end, right angled junctions and quoins in
 - i) English Bond (200 and 300 mm thick brick wall)
 - ii) Flemish bond (200 and 300 mm thick brick wall)
- Elevation/view of semi-circular arch and elevations of segmental and flat arch in brick
- Plan/elevation and section of lintels in various materials
- Elevation and section of built to courses and uncoursed random rubble masonry
- Section through brick wall footing upto plinth level
- Sheet on various carpentry joints
- Elevation, sections and joinery details of ledged, braced and battened door
- Elevations/sections of various types of panel doors and joinery details
- Plan, elevation, section and details of flush door (solid and hollow core)
- Plan, elevation, section and details of wooden partly/fully glazed window.

LEARNING RESOURCES:

a) Reference Books:

Sl.No.	Title	Author, Publisher, Edition & Year
1	Building Construction –Vol. I	Mckay WV, Orient/Augman
2	Text Book of Building Construction	SP Arora & Bindra, Dhanpat Rai & Sons, New Delhi
3.	Building Construction	S.C. Rangwala, Charoltar Publication Anand
4.	Building Construction	Sushil Kumar, Stand Publication, Distributors 1705, B New Sarak, Delhi
5.	Building Construction	B.C. Panmia, Laxmo Publication, New Delhi

b) Others :

- Different building materials and component samples
- Lab Manual
- VCDs

**CHHATTISGARH SWAMI VIVEKANAND TECHNICAL
UNIVERSITY, BHILAI**

SEMESTER : II
COURSE TITLE : GRAPHICS - II
THEORY CODE : 216212 (35/16)
**BRANCH / DISCIPLINE : INTERIOR DECORATION & DESIGN/
ARCHITECTURE**

Minimum number of class tests to be conducted: 2

DISTRIBUTION OF MARKS AND HOURS :

S. No.	Chapter No.	Chapter Name	No. of Hours/Periods	Marks
1	01	ELEMENTS AND PRINCIPLES OF PERSPECTIVE DRAWING	3	6
2	02	TWO POINT INTERIOR PERSPECTIVE	5	10
3	03	TWO POINT EXTERIOR PERSPECTIVE	6	10
4	04	TWO POINT: VIEW OF ROOM	9	15
5	05	ONE POINT INTERIOR PERSPECTIVE	6	10
6	06	ONE POINT EXTERIOR PERSPECTIVE	6	10
7	07	ONE POINT VIEW OF ROOM	9	15
8	08	SCIOGRAPHY OF PLANES	5	08
9	09	SCIOGRAPHY OF SOLIDS	9	08
10	10	SCIOGRAPHY OF BUILDING ELEMENTS	6	08
		TOTAL	64	100

DETAILED COURSE CONTENTS:

Chapter –1 ELEMENTS AND PRINCIPLES OF PERSPECTIVE DRAWING

- Introduction to basic terms used in making perspective like
 - i) Picture plane
 - ii) Vanishing points
 - iii) Station Point
 - iv) Horizon line
 - v) Ground line

- Basic principles of perspective drawing
- Various types of perspectives

- i) One point perspective
- ii) Two point perspective
- iii) Multipoint perspective
- Methods of perspective drawing
 - i) Grind method
 - ii) Measuring point method

Chapter –2 TWO POINT INTERIOR PERSPECTIVE

- Two point interior perspectives of simple objects like cube, cuboids, cylinder, prism, pyramids etc. and their combination by changing positions of picture plane and stand point in form of
 - i) Worms eye view
 - ii) Perspective view and with eye level less than the object
 - iii) Birds eye view

Chapter –3 TWO POINT EXTERIOR PERSPECTIVE

- Two point exterior perspectives of simple objects like cube, cuboids, cylinder, prism, pyramids etc. and their combination by changing positions of picture plane and stand point in form of
 - i) Worms eye view
 - ii) Perspective view with eye level less than the object
 - iii) Birds eye view

Chapter –4 TWO POINT VIEW OF ROOM

- Two point interior view of any room viz Bed Room, Kitchen, Drawing room etc.

Chapter –5 ONE POINT INTERIOR PERSPECTIVE

- One point interior perspective of simple objects like cube, cuboids, cylinder, prism, pyramids etc. and their combination by changing positions of picture plane and stand point in form of
 - i) Worms eye view
 - ii) Perspective view with eye level less than the object
 - iii) Birds eye view

Chapter –6 ONE POINT EXTERIOR PERSPECTIVE

- On e point exterior perspective of simple objects like cube, cuboids, cylinder, prism, pyramids etc. and their combination by changing positions of picture plane and stand point in form of
 - a) Worms eye view
 - b) Perspective view with eye level less than the object
 - c) Birds eye view

Chapter –7 ONE POINT VIEW OF ROOM

- One point interior view of any room viz. Bed room, kitchen, drawing room etc.

Chapter –8 SCIOGRAPHY OF PLANES

- Introduction to basic principles of Sciography and its application on geometrical planes in plan and elevation eg. Triangle, square, rectangle, circle etc.

Chapter –9 SCIOGRAPHY OF SOLIDS

- Sciography of simple geometrical solids in plan, elevation, and view e.g. Cone, cylinder, pyramid etc.

Chapter –10 SCIOGRAPHY OF BUILDING ELEMENTS

- Sciography of simple building elements e.g. niche, projections, steps etc.

INSTRUCTIONAL STRATEGIES:

- Lecture Method
- Field Visit
- Model Making
- Demonstration of different types of drawing
- Visualization of 3 D and its presentation

PRACTICAL

PRACTICAL CODE: 216223 (35/16)
No. of Periods/Hours: 64

LIST OF PRACTICAL/TUTORIALS:

- Diagrammatic representation of picture plane, station point, vanishing point, horizon line, ground line etc in relation with the object.
- Two point interior perspective of various simple objects eg. Cube, cuboid, cylinder etc.
- Two point exterior perspective of various simple objects e.g. cube, cuboid, cylinder etc.
- Two point interior perspective of room e.g. bed room, kitchen, drawing room
- One point interior perspective of various simple objects, e.g. cube, cuboid, cylinder etc.
- One point exterior perspective of various simple objects e.g. cube, cuboid, cylinder etc.
- One point interior perspective of any room e.g. bed room, kitchen, drawing room etc.
- Sciography of point, line, planes in plan, elevation
- Sciography of simple solids in plan, elevation and view i.e. prism, cylinder, cone, pyramid etc.
- Sciography of simple building elements in plan and elevation i.e niche, steps, etc.
- Preparation of 3 D models with proportions to suit requirements.
- Study of texture with the help of drawing
- Study of light effects in design.

LEARNING RESOURCES:

a) Reference Books:

Sl.No.	Title	Author, Publisher, Edition & Year
1	Engineering Drawing (Plane & Solid Geometry)	N.D. Bhatt, Charotar Publishing House, Oppppppp. Amul Dairy, Anand
2	A Text Book on Perspective & Sciography	Shankar Mulik, Allied Publication, Mumbai
3.	Rendering with Pen and Ink	Robert W Gill , Thamer and Hudson Ltd., London
4.	Interior Design	Ahmed Abdullah Kasu, Iqvira Pub. Ltd., Mumbai
5.	A Text Book of Engineering Drawing (Generically Drawing)	R.K. Dhawan, S.Chand & Co. Ltd
6.	Interior Design	John F. Pile, Prentice Hall, Inc & Harry N. Abrams Inc. Publications
7.	Commercial Interior Perspectives Graphic	Shaw
8.	Commercial Exterior Perspectives Graphic	Shaw

b) Others :

- Lab Manual
- Software
- French Curves
- Mini Drafter
- Computer with Accessories

**CHHATTISGARH SWAMI VIVEKANAND TECHNICAL
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SEMESTER : **II**
COURSE TITLE : **BUILDING MATERIALS -I**
CODE : **216213 (35/16)**
BRANCH / DISCIPLINE : **INTERIOR DECORATING DESIGN/
ARCHITECTURES**

DISTRIBUTION OF MARKS AND HOURS :

S. No.	Chapter No.	Chapter Name	Hours	Marks
1	01	BRICKS	8	10
2	02	STONE	8	10
3	03	CEMENT	4	10
4	04	TIMBER	12	15
5	05	INGREDIENT OF CONCRETE	4	10
6	06	GLASS I	4	10
7	07	EXTERNAL FINISHING MATERIAL	4	05
8	08	INTRODUCTION OF SANITARY AND ELECTRICAL ITEMS	8	10
9	09	LATEST FLOOR FINISHING MATERAIL	4	10
10	10	EXTERNAL PAINT	8	10
		TOTAL	64	100

DETAILED COURSE CONTENTS:

Chapter –1 BRICK

- Ingredient,
- Quality,
- Types,
- Test (not for Exam)

Chapter –3 STONE

- Typer
- Properties
- Quality
- Uses

Chapter –3 CEMENT

- Ingredients
- Quality
- Types
- Test (not for Exam)

Chapter –4 TIMBER

- Types,
- Quality,
- Defects,
- Preservation,
- Seasoning

Chapter –5 INGREDIENTS OF CONCRETE

- Ingredient
- Their Properties
- Different Terminologies

Chapter –6 GLASS I

- Classification
- Production
- Treatment & Iron

Chapter –7 EXTERNAL FINISHING MATERIAL

- Latest Finishing Material available in the market

Chapter –8 INTRODUCTION OF SANITARY AND ELECTRICAL ITEMS

- Different Sanitary & Electrical Items
- Work and Uses
- Sizes

Chapter –9 FLOOR FINISHING MATERIAL

- Latest Floor finishing material along with Conventional Floor Finish

Chapter –10 EXTERNAL PAINT

- External Paint
- Typer
- Composition,
- Application
- Defeats

INSTRUCTIONAL STRATEGIES:

- Lecture Method
- Market Survey
- Demonstration at site

LIST OF TUTORIALS :

- Visit to Construction Site
- Visit to important building
- Identification of good quality different building materials
- Demonstration of field test of building materials

LEARNING RESOURCES:

a) Reference Books:

Sl.No.	Title	Author, Publisher, Edition & Year
1	Engineering Material	Rangwala
2	An Introduction of Art, Craft, Technique, Science & Properties Design of Interior	Ahmed Alcosu, Iquirs Pb., Pvt. Ltd

b) Others :

- VCDs
- Charts
- Learning Packages
- Building materials samples

**CHHATTISGARH SWAMI VIVEKANAND TECHNICAL
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SEMESTER : **II**
SUBJECT TITLE : **PROFICIENCY IN PROFESSIONAL
ACTIVITY (PPA)**
CODE : **200224 (46)**
BRANCH/DISCIPLINE : **ALL DISCIPLINES**

DISTRIBUTION OF MARKS AND HOURS:

Chapter No.	Chapter Name	No. of Hours/ Periods	Marks
1	Presentation Skills	8	9
2	Learning To Learn Skills	3	5
3	Study Skills	3	5
4	Information Search	5	5
5	Time Management	3	5
6	Personality	5	5
7	Personal Grooming	5	6
TOTAL		32	40

In this particular subject though it has been classified as practical, it maybe essential to take up certain theory classes and assignments this may include expert lectures, group discussion, plenary session etc.

DETAILED COURSE CONTENTS:

Chapter – 1 : **PRESENTATION SKILLS** :

Oral Presentation :

- Need of effective oral presentation.
- Characteristics of good oral presentation.
- Ways of Oral Presentation (Seminar, Viva-voce, Interview, Group Discussion, Lecturing, Power Point etc.)
- Gestures/Mannerism during oral presentation Media, methods used for effective oral presentation.
- Assessment of oral presentation.

Written Presentation :

- Need of written presentation.
- Characteristics of written presentation.

- Ways of written presentation (Report writing, manual, handout, notes etc.).
- Grammar, Punctuation, referencing paragraphing during written presentation.

Chapter – 2 : LEARNING TO LEARN SKILLS :

- Need of Learning to Learn Skills.
- Type of Learning Skills (Learning face to face, Individualized learning, Distance learning, Self-learning).
- Developing Learning to Learn Skills.

Chapter - 3 : STUDY SKILLS :

- Methods of Good Study Habits
- Note Taking
- Developing Reading Skills

Chapter – 4 : INFORMATION SEARCH :

- Objectives of information search.
- Ways of information search (Internet surfing, Library search, Abstracts, Journals, books etc.)
- Assimilation and presentation of information.

Chapter – 5 : TIME MANAGEMENT :

- Principles of Time Management.
- Time Management matrix.
- Criteria governing Time Management.
- Possible time waster

Chapter- 6 : PERSONALITY :

- Concept and meaning of personality
- Characteristics of good personality
- Factors influencing personality
- Types of personality.
- .Need for desirable personality for success
- Qualities of complete personality.

Chapter - 7 PERSONAL GROOMING:

- Posture and Health.
- Types of posture.
- Importance of posture.
- Factors affecting good health-diet, exercise personal cleanliness, sleep and rest.

- Use of cosmetics.
- Dress Code
- Physical Fitness and Inner Strength

INSTRUCTIONAL STRATEGIES:

- Lecture Method.
- Industrial visits.
- Expert Lecture.
- Demonstration
- Assignments-Individual and Group
- Group Discussions
- Presentation

LIST OF PRACTICALS

- Seminar Presentation on Specific topic for fixed time duration
- Information Collection on a particular topic followed by presentation in specified time duration.
- Visit to multinational outlet for observing personality traits of officials and preparing detailed report
- Demonstration exercise by personality experts
- Guest lectures by well known personality

LEARNING RESOURCES:

(a) Reference Books

Sl. No.	Title	Author, Publisher, Edition & Year
1	How to achieve success and happiness	Sultan Chand and Sons, New Delhi
2	How to develop effective personality	Dr Mittal and Agarwal CS
3	The Art of Public Speaking	Stephen E Lucas
4	Public Speaking and Influencing Business	Dale Carnegie

(b) Others:

- Video Programs.
- Learning Packages.
- Computer with internet facilities
- Television
- Charts.

**CHHATTISGARH SWAMI VIVEKANAND TECHNICAL
UNIVERSITY, BHILAI**

SEMESTER : **II**

COURSE TITLE : **COMPUTER APPLICATIONS**
(Computer Aided Drafting & Designing-I)

CODE : **216221 (35/16)**

BRANCH / DISCIPLINE : **INTERIOR DECORATION AND DESIGN
/ARCHITECTURE**

Minimum number of class tests to be conducted: 2

DISTRIBUTION OF MARKS AND HOURS :

S. No.	Chapter No.	Chapter Name	No. of Hours/Periods		Total No. of Periods
			Lecture	Practical	
1	01	INTRODUCTION TO COMPUTER	1	64	
2	02	INTRODUCTION TO AUTO CAD	2		
3	03	CREATING FIRST DRAWING	4		
4	04	WORKING WITH COMMANDS-I	4		
5	05	WORKING WITH COMMANDS-II	4		
6	06	WORKING WITH COMMANDS-III	4		
7	07	WORKING WITH COMMANDS-IV	3		
8	08	WORKING WITH COMMANDS-V	3		
9	09	ADVANCE COMMANDS	3		
10	10	FINAL PRODUCTION	4		
		TOTAL	32	64	96

DETAILED COURSE CONTENTS:

Chapter –1 INTRODUCTION TO COMPUTER

- Necessary computer hardware to run Auto CAD software

- Starting of Window Operating System
- Screen Layout and mouse Operation
- Shutdown Window Operating system

Chapter –2 INTRODUCTION TO AUTO CAD

- Introduction of Software
- Starting & Closing AutoCAD
- Screen layout & Mouse Operation
- Pull down Menu, Tool Bars, Command Window
- Opening an Existing File (New, Open)
- Saving a File (Save)
- Closing Auto CAD (End, Quit)

Chapter –3 CREATING FIRST DRAWING

- Creating Entities- Line, Circle
- Erase, Oops, Redraw
- Entity Selection
- Zoom, Option, Pan

Chapter –4 WORKING WITH COMMANDS I

- Osnap, Arc, Polygon, Ellipse, Donut
- Move, copy, Undo, Redo, Break
- Mirror, Offset, Scale, Rotate
- Text, Dtext, ‘Style, ‘Ddcolor

Chapter –5 WORKING WITH COMMANDS II

- Line type, drafting setting~
- Trim, Extend, Stretch
- Batch, Explode, Layer, Ddchprop, Matchprop

Chapter –6 WORKING WITH COMMANDS III

- Dunit, Pline, Pedit, Fillet, Chamfer
- Trace, Sketch, Saveas, Qsave, Point
- Point ‘Id, List, Dist, Area’

Chapter –7 WORKING WITH COMMANDS IV

- Dimlinear, Dimalingned, Dimradius
- Dimdiameter, Dimangular
- Dimbaseline, Dimcontinue
- Dimordinate, leader, Tolerance,
- Dimedit, Dimtedit, Ddim

Chapter –8 WORKING WITH COMMANDS V

- Bake, Ddiinsert, Wblock
- Divide, Measure
- Xref,
- Xline, Ray

- Mline, Mledit, Mtext
- ‘Spell, Spline, Splinedite
- Editing with Grips
- Group

Chapter –9 ADVANCE COMMANDS

- Mline, Mledit, Mtext
- Spell, Spline, Splinedite
- Editing with Grips
- Group

Chapter –10 FINAL PRODUCTION

- Model/Paper Space
- Option, Plot
- Copyclip, Cutclip, Pasteclip

INSTRUCTIONAL STRATEGIES

- Lecture Method
- Expert Lecture
- Demonstration of various graphics packages
- Demonstration of atleast four drawings illustrating the potential of AUTO CAD

SUGGESTED LIST OF TUTORIALS

- A notes on computer hardware
- A notes on screen layout and mouse operation
- Drawing of lines, circles in different dimensions
- Drawing of Arc, Polygon, Ellipse and Donut
- Make one presentable drawing with hatching
- A notes on inquiry tool bar
- Drawing of a residence/restaurant with dimensions
- Drawing of any one existing room with dimensions and text
- Modify an old drawing as per instruction
- Plot drawings in different scales

LEARNING RESOURCES:

a) Reference Books:

Sl.No.	Title	Author, Publisher, Edition
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		& Year
1	Mastering Auto CAD 2004 & AutoCAD LT 2004	George, BPB Publications, D14, Cannaught Place, New Delhi-1
2	Bible AutoCAD 2004	Ellen Finkelstein, IDG Books India (P) Ltd, new Delhi – 110 002
3.	1000 AutoCAD Tips and Tricks	George O Head & Jan Doster Head, Comdex, Daryaganj, New Delhi

b) Others :

- Software
- Computer with accessories
