

RGPV(DIPLOMA WING) BHOPAL		OBE CURRICULUM FOR THE COURSE		FORMAT - 3	Sheet No. 1/2
Branch	ARCHITECTURE AND INTERIOR DESIGN			Semester	FIRST
Course Code	101	Course Name	BASIC DESIGN		
Course Outcome1	The student will be able to design 2D compositions based on principles and elements of design .			Teach Hrs	
Learning Outcome 1	The student will be able to apply elements and principles of design to create 2D compositions.			22	25
Contents	<p>Study of elements of design – point, line, shape, form, Texture (visual, tactile); Colour (colour wheel, terms associated with colour; hue; primary secondary and tertiary colours; neutral colours; tint; shade; intensity and tone; color schemes)</p> <p>Study of Principles of design – (Balance- (symmetrical including radial); asymmetrical; Scale (Human, Monumental) Contrast; Monotony; Rhythm; Harmony; Unity</p> <p>Application of elements and principles of design in two-dimensional compositions</p>				
Method of Assessment	Written test				
Learning Outcome 2	The student will be able to draw well-rendered 2D compositions using different media.			08	20
Contents	Presentation drawing of 2D compositions designed by students.				
Method of Assessment	Written test				
Course Outcome 2	The student will be able to prepare models for 3D compositions.				
Learning Outcome1	The student will be able to design theme based 3D compositions.			14	15
Contents	Three-dimensional compositions with the application of elements and principles of design.				
Method of Assessment	Written Test				
Learning Outcome2	The student will be able to create theme-based 3D models.			16	10
Contents	Presentation drawing of models of 3D compositions designed by students. Model of 3 D composition in suitable media				
Method of Assessment	Drawing and its model making assignment				
Course Outcome 3	The student will be able to apply anthropometry to determine area requirements of residential spaces.			Teach Hrs	Marks

RGPV(DIPLOMA WING) BHOPAL		OBE CURRICULUM FOR THE COURSE		FORMAT- 3		Sheet No. 2/2	
Branch	ARCHITECTURE AND INTERIOR DESIGN			Semester		FIRST	
Course Code	101	Course Name		BASIC DESIGN			
Learning Outcome 1	The student will be able to calculate space requirements for various activities in residential areas.			23		30	
Contents	Study of standard anthropometric data for various activities in residential spaces						
Method of Assessment	Written Test						
Learning Outcome 2	The student will be able to measure furniture, clearances, and room sizes of given space using anthropometry.			10		10	
Contents	Anthropometric study - Actual measurements of various human activities and body stances to know the space requirements.						
Method of Assessment	Practical						
Course Outcome 4	The student will be able to prepare furniture layout for residential spaces.			Teach Hrs		Marks	
Learning Outcome 1	The student will be able to design furniture layout for a given residential space .			12		10	
Contents	Measurement of common furniture e.g. chairs tables, sofas, dining tables, beds, wardrobe, washbasins, sinks, water closet.etc. Presentation of common furniture and fixtures in standard format in plan and elevation Layout of residential spaces e.g. living, drawing, dining, kitchen, study, toilets, etc to a suitable scale, with furniture and fixtures showing the relationship of uses, users, and furniture.						
Method of Assessment	Written Test						
Learning Outcome 2	The student will be able to prepare well-rendered drawings of furniture layout for residential spaces.			15		25	
Contents	Presentation drawings of furniture layout for given residential space.						
Method of Assessment	Seminar presentation						
Course Outcome 5	The student will demonstrate leadership, team spirit in group activities, and sincerity towards learning						
Learning Outcome 1	The student will demonstrate leadership, team spirit in group activities, and sincerity towards learning			NA		5	
Contents	Group activities throughout semester as mentioned under all Learning Outcomes						
Method of Assessment	Teacher's observation						

RGPV (Diploma Wing) Bhopal		SCHEME FOR LEARNING OUTCOME				Branch Code			Course Code			CO Code	LO Code	Format
						A	0	5	1	0	1	1	1	No. 4
COURSE NAME		Basic Design												
CO Description		The student will be able to design 2D compositions based on principles and elements of design .												
LO Description		The student will be able to apply elements and principles of design to create 2D compositions.												
SCHEME OF STUDY														
S. No.	Learning Content	Teaching –Learning Method	Description of T-L Process	Teach Hrs.	Pract. /Tut Hrs.	LRs Required	Remarks							
1	Study of elements of design – point, line, shape, form, Texture (visual, tactile); Colour (colour wheel, terms associated with colour; hue; primary secondary and tertiary colours; neutral colours; tint; shade; intensity and tone; color schemes)	Lecture; Collective discussion, Case study; site visits to art galleries and museums	<ul style="list-style-type: none"> Teacher will describe each element and principle of design with examples Classroom/on-site brain storming sessions on various examples. Students will be instructed to collect various items visually appealing to them 	4	0	PPT; Web Page; Internet; Videos; Chalkboard; Smart board, Resources created by teachers, Text, and Reference books	10 Marks							
2	Study of Principles of design – (Balance- (symmetrical including radial); asymmetrical; Scale (Human, Monumental) Contrast; Monotony; Rhythm; Harmony; Unity			4	0		10 Marks							
3	Application of elements and principles of design in two-dimensional compositions	Practice exercise sessions (Tutorials)	<ul style="list-style-type: none"> Teacher will assign problems based on 2D composition. Compositions may include regular geometrical and abstract figures rendered with different media like pencils and different color mediums. 	2	12		05 Marks							

SCHEME OF ASSESSMENT

S. No.	Method of Assessment	Description of Assessment	Maximum Marks	Resources Required	External / Internal
	1. Written test	<p>Exercises will be designed by the teacher Assessment will be done through appropriate rubrics</p> <p>Quiz, short answer type questions, seminar-based exercises, hands-on exercises will be framed by teacher on elements and principles of design</p>	25	<ul style="list-style-type: none"> • Drawing/sketching stationery • Internet 	External (Theory)

ADDITIONAL INSTRUCTIONS FOR THE HOD/ FACULTY (IF ANY)

Faculty needs to be innovative in creating their own resources; ways to develop creative visualization and communication skills in students. A new quiz should be framed for each batch to bring variety in questions. Similarly, 2D composition assignments should also be framed to challenge budding designers. Groups of 3 to 4 students should be formed and encouraged to collect sample images of logos, advertisements, visiting cards, and similar commonly used items. They should also be encouraged to collect day to day items of different colors, textures in various shades, and tints.

RGPV (Diploma Wing) Bhopal	SCHEME FOR LEARNING OUTCOME	Branch Code			Course Code			CO Code	LO Code	Format No. 4
		A	0	5	1	0	1	1	2	

COURSE NAME	Basic Design
CO Description	The student will be able to design 2D compositions based on principles and elements of design.
LO Description	The student will be able to draw well-rendered 2D compositions using different media.

SCHEME OF STUDY

S. No.	Learning Content	Teaching – Learning Method	Description of T-L Process	Teach Hrs.	Pract. /Tut Hrs.	LRs Required	Remarks
1	Presentation drawing of 2D compositions designed by students.	Demonstration, Peer group learning.	<ul style="list-style-type: none"> Students will prepare 2d composition drawings based on the concept developed. Teachers will guide students on drawing and rendering of designs and encourage peer group learning. 	0	8	Internet; Videos; Design magazines; Drawing board; Drawing sheet and other drawing equipment; Sample drawings.	Compositions may include regular geometrical and abstract figures rendered with different media like pencils and different color mediums. Sheet work assignment can be given on floor and wall pattern/ jali pattern/ book cover/ bed sheet design/cover design for product/logo etc.

SCHEME OF ASSESSMENT

S. No.	Method of Assessment	Description of Assessment	Maximum Marks	Resources Required	External / Internal
1	Written test	<ul style="list-style-type: none"> Drawings will be assessed based on the design concept given by students and drafting accurately the intended design along with presentation techniques 	20	Drafting equipment and drawing stationery	External (Theory)

ADDITIONAL INSTRUCTIONS FOR THE HOD/ FACULTY (IF ANY)

Teachers should encourage and guide students to use different media including computers if possible.

RGPV (Diploma Wing) Bhopal		SCHEME FOR LEARNING OUTCOME			Branch Code			Course Code			CO Code	LO Code	Format No. 4
					A	0	5	1	0	1	2	1	
COURSE NAME	Basic Design												
CO Description	The student will be able to prepare models for 3D compositions.												
LO Description	The student will be able to design theme based 3D compositions.												
SCHEME OF STUDY													
S. No.	Learning Content	Teaching – Learning Method	Description of T-L Process	Teach Hrs.	Pract. /Tut Hrs.	LRs Required	Remarks						
1	Three-dimensional compositions with the application of elements and principles of design.	Collective Discussion; Practice Exercise; Visit art galleries and museums; visit to see examples from exteriors and interiors such as rotaries, parks and gardens, shops, entrance lobbies of institutions and public buildings, and city-specific sites	<ul style="list-style-type: none"> Teacher will discuss with students the 3D compositions giving examples that adorn the interiors and exteriors Teacher will describe the process of transferring the abstract ideas into the development of designs and models 	4	10	Internet; Videos; Chalkboard; Smart board; Design magazines;							
SCHEME OF ASSESSMENT													
S. No.	Method of Assessment	Description of Assessment	Maximum Marks	Resources Required			External / Internal						
1	Written Test	<ul style="list-style-type: none"> Exercises on 3 D compositions will be designed by the teacher Assessment will be done through appropriate rubrics Quiz, short answer type questions, seminar-based exercises, hands-on exercises will be framed by teacher on elements and principles of design 	15	Drawing/sketching stationery Internet			Internal						
ADDITIONAL INSTRUCTIONS FOR THE HOD/ FACULTY (IF ANY)													

RGPV (Diploma Wing) Bhopal		SCHEME FOR LEARNING OUTCOME			Branch Code			Course Code			CO Code	LO Code	Format No. 4
					A	0	5	1	0	1	2	2	
COURSE NAME	Basic Design												
CO Description	The student will be able to make models for 3D compositions.												
LO Description	The student will be able to prepare theme-based 3D models.												
SCHEME OF STUDY													
S. No.	Learning Content	Teaching – Learning Method	Description of T-L Process	Teach Hrs.	Pract. /Tut Hrs.	LRs Required	Remarks						
1	Presentation drawing of models of 3D compositions designed by students. Model of 3 D composition in suitable media	Demonstration; Collective Discussion; Peer group learning	<ul style="list-style-type: none"> Teacher will demonstrate presentation and model-making techniques. Students will work on 3d composition assignment converting the design ideas into drawing formats Students will prepare 3 d models for the assignment 	0	16	Internet; Videos; Design magazines; Material for model making such as mount board, flex board, cardboard, etc,	Use of technology-enabled tools and techniques of model making like 3 d printers are recommended						
SCHEME OF ASSESSMENT													
S. No.	Method of Assessment	Description of Assessment	Maximum Marks	Resources Required			External / Internal						
	Drawing and its model making assignment	<ul style="list-style-type: none"> Drawing and models will be assessed based on the design concept given by students; accuracy; presentation techniques and model making skills 	10	Drafting equipment, drawing stationery, and model making materials and instruments			Internal						
ADDITIONAL INSTRUCTIONS FOR THE HOD/ FACULTY (IF ANY)													

RGPV (Diploma Wing) Bhopal		SCHEME FOR LEARNING OUTCOME			Branch Code		Course Code		CO Code	LO Code	Format No. 4
					A	0	5	1	0	1	
COURSE NAME	Basic Design										
CO Description	The student will be able to apply anthropometry to determine area requirements of residential spaces.										
LO Description	The student will be able to calculate space requirements for various activities in residential areas.										
SCHEME OF STUDY											
S. No.	Learning Content	Teaching – Learning Method	Description of T-L Process	Teach Hrs.	Pract. /Tut Hrs.	LRs Required	Remarks				
1	Study of standard anthropometric data for various activities in residential spaces	Lecture; Group Discussion	<ul style="list-style-type: none"> Teacher will explain anthropometry and its importance Students will be guided by teacher to visualize the space requirements for various activities Students will prepare a list of activities after collective discussion Students will calculate the space requirement of a given residential space 	6	17	Internet; Videos; Chalkboard; Smart board; Measuring tape; Drawing stationery					
SCHEME OF ASSESSMENT											
S. No.	Method of Assessment	Description of Assessment	Maximum Marks	Resources Required	External / Internal						
	Written Test, Viva on Drawing Portfolio	<ul style="list-style-type: none"> Space calculation exercises. MCQ and objective type questions on standard data related to residential spaces. 	30	Drawing stationery	External (Practical)						
ADDITIONAL INSTRUCTIONS FOR THE HOD/ FACULTY (IF ANY)											

RGPV (Diploma Wing) Bhopal		SCHEME FOR LEARNING OUTCOME			Branch Code		Course Code		CO Code	LO Code	Format No. 4
					A	0	5	1	0	1	
COURSE NAME	Basic Design										
CO Description	The student will be able to apply anthropometry to determine area requirements of residential spaces.										
LO Description	The student will be able to measure furniture, clearances, and room sizes of given space using anthropometry.										
SCHEME OF STUDY											
S. No.	Learning Content	Teaching – Learning Method	Description of T-L Process	Teach Hrs.	Pract. /Tut Hrs.	LRs Required	Remarks				
1	Anthropometric study - Actual measurements of various human activities and body stances to know the space requirements.	Demonstration; Group Discussion;	<ul style="list-style-type: none"> Teacher will demonstrate techniques to measure furniture, clearances, and room sizes of a given space using self-body measurements Students group participation for measuring spaces required for various human activities in a similar manner 	00	10	Internet; Videos; Chalkboard; Smart board; Measuring tape					
SCHEME OF ASSESSMENT											
S. No.	Method of Assessment	Description of Assessment	Maximum Marks	Resources Required			External / Internal				
	Practical	<ul style="list-style-type: none"> Practical assignment on the measurement of furniture, clearances, and room sizes of given residential space using self-body measurements 	10	Drawing stationery, Assessment rubric			Internal				
ADDITIONAL INSTRUCTIONS FOR THE HOD/ FACULTY (IF ANY)											
Anthropometric data can be presented with the help of printouts photographs, photocopies, etc. Students need not prepare manual drawings.											

RGPV (Diploma Wing) Bhopal		SCHEME FOR LEARNING OUTCOME			Branch Code			Course Code			CO Code	LO Code	Format No. 4
					A	0	5	1	0	1	4	1	
COURSE NAME		Basic Design											
CO Description		The student will be able to prepare furniture layout for residential spaces.											
LO Description		The student will be able to design furniture layout for a given residential space .											
SCHEME OF STUDY													
S. No.	Learning Content	Teaching – Learning Method	Description of T-L Process	Teach Hrs.	Pract. /Tut Hrs.	LRs Required	Remarks						
1	Measurement of common furniture e.g. chairs tables, sofas, dining tables, beds, wardrobe, washbasins, sinks, water closet.etc. Presentation of common furniture and fixtures in standard format in plan and elevation Layout of residential spaces e.g. living, drawing, dining, kitchen, study, toilets, etc to a suitable scale, with furniture and fixtures showing the relationship of uses, users, and furniture.	Lecture, Group Activity	<ul style="list-style-type: none"> Teacher will give an overview of the furniture, fixtures and their use in residential spaces Teacher will demonstrate taking measurements and making scaled drawings Student group participation for measuring common furniture and fixtures. Students will be asked in groups to collect and compare data from books and case studies Student will design a furniture layout for a given residential space based on studies and data 	6	6	Internet; Videos; Chalkboard; Smart board; Measuring tape; Drawing instruments; Handouts; Catalogues; Design Standard Books							
SCHEME OF ASSESSMENT													
S. No.	Method of Assessment	Description of Assessment	Maximum Marks	Resources Required	External / Internal								
	Written Test	<ul style="list-style-type: none"> Furniture layout design assignments MCQ and objective type questions on standard data related to residential spaces 	10	Drawing instruments and stationery	Internal								
ADDITIONAL INSTRUCTIONS FOR THE HOD/ FACULTY (IF ANY)													
Site visits should be organized to understand the layouts													

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		A	0	5	1	0	1	4	2				
COURSE NAME	Basic Design												
CO Description	The student will be able to prepare furniture layout for residential spaces.												
LO Description	The student will be able to prepare well-rendered drawings of furniture layout for residential spaces.												
SCHEME OF STUDY													
S. No.	Learning Content	Teaching – Learning Method	Description of T-L Process			Teach Hrs.	Pract. /Tut Hrs.	LRs Required			Remarks		
1	Presentation drawings of furniture layout for given residential space	Demonstration	<ul style="list-style-type: none"> The teacher will demonstrate presentation techniques Students will prepare well-rendered drawings of spaces using suitable furniture and fixtures in plan and elevation 			0	15	Internet; Videos; Chalkboard; Smart board; Measuring tape; Drawing instruments; and stationery					
SCHEME OF ASSESSMENT													
S. No.	Method of Assessment	Description of Assessment			Maximum Marks	Resources Required				External / Internal			
	Seminar presentation	Seminar on drawings submitted by students Drawing will be assessed based on design, concept given by students based on accuracy, perfection, and, presentation techniques			25	Drawings/sketching stationery/ display facility/ Rubric				External (Theory)			
ADDITIONAL INSTRUCTIONS FOR THE HOD/ FACULTY (IF ANY)													

RGPV (Diploma Wing) Bhopal		SCHEME FOR LEARNING OUTCOME				Branch Code			Course Code			CO Code	LO Code	Format No. 4	
						A	0	5	1	0	1	5	1		
COURSE NAME	Basic Design														
CO Description	The student will demonstrate leadership, team spirit in group activities, and sincerity towards learning														
LO Description	The student will demonstrate leadership, team spirit in group activities, and sincerity towards learning														
SCHEME OF STUDY															
S. No.	Learning Content	Teaching – Learning Method	Description of T-L Process	Teach Hrs.	Pract. /Tut Hrs.	LRs Required	Remarks								
	Group activities throughout semester as mentioned under all Learning Outcomes	Group activities	As mentioned under all Learning Outcomes	As mentioned under all Learning Outcomes											
SCHEME OF ASSESSMENT															
S. No.	Method of Assessment	Description of Assessment	Maximum Marks	Resources Required	External / Internal										
1	Teacher's observation	Teacher will assess student's performance based on: 1. Participation of student as individual/in a group (Leader as well as a team member) 2. Peer group learning attitude 3. Timely submission 4. Attendance	05	Assessment Rubrics	Internal										
ADDITIONAL INSTRUCTIONS FOR THE HOD/ FACULTY (IF ANY)															
Teacher will inform and ensure that every student is aware of the criteria mentioned for assessment. Teacher is expected to ensure continuous evaluation and keep updating with their marks as well as encouraging students for better performance. Assessment of this LO will be part of lab work evaluation.															