

GANPAT UNIVERSITY									
FACULTY OF ARCHITECTURE DESIGN & PLANNING									
Programme		Bachelor of Design			Branch/Spec.		Bachelor of Interior Design		
Semester		VI			Version		1.0.0.1		
Effective from Academic Year			2016-17		Effective for the batch Admitted in			June 2019	
Subject code		VIA01DS	Subject Name		Design Studio- VI				
Teaching scheme					Examination scheme (Marks)				
(Per week)	Lecture(DT)		Practical(Lab.)		Total		CE	SEE	Total
	L	TU	P	TW					
Credit	2	-	12	-	14	Theory	-	-	-
Hours	-	-	8	-	8	Practical	40	60	100
Objectives:									
<ul style="list-style-type: none"> • Studio focuses on the design of spaces in urban, semi-urban, and rural contexts with an aim to explore and understand transformation and adaptive re-use as one of the important aspects in interior design. • Interiors for spaces involving highly complex issues ranging from space requirements to the Visual co-ordination 									
Learning Outcome:									
<p>LO1: Understanding to see interior designing adaptive re-use as a comprehensive total process incorporating a systematic design approach and conscious image building.</p> <p>LO2: Analysing existing Space Character for new insert, Psychological factors, behaviour patterns and space Utilization</p> <p>LO3: Creating a character through meaningful interior environment.</p> <p>LO4: Learn how the spaces work when it is not meant specifically for single users, but is based on the functional diversity and typology.</p>									
Theory syllabus									
Unit	Content								Hrs
1	Formulation of program with Understanding & analysing of Existing Interior Design Space making elements for new Insert of a function I.e. Historic/heritage/unused/abandoned sites that provide scope for rejuvenation through multi-dimensional programs								12
2	Basic case studies (Primary/Secondary)								18
3	understanding the co-relation between Program, site and context								18
4	Studying and analysing based on activity mapping, bubble diagrams.								18
5	Design Process: Integration of architectural elements and insertions. Dialogue between the existing and the newly added insert. Interpretation of the functions/activities and their spatial co-relation.								18
6	Design Alternatives with Material exploration & detail space making elements of design.								18
7	Furniture forms and its co-ordination with interior built forms. Evolving color palette, material palette and lighting as tools to specify an experience. Integrating audio-visual communication, acoustics, lighting and HVAC systems. Appropriate use of materials								18
8	Design Finalization with all sets of Drawings and final 3d model & Prototypes.								24
Practical content									
Historic/heritage/unused/abandoned sites that provide scope for rejuvenation through multi-dimensional programs like: Exhibition and museum spaces. Recreational spaces. Institutional spaces. Commercial spaces									
Text Books									

1	NA
Reference Books	
1	Design Strategies in Architecture Edited by Geoffrey Baker
2	Responsive Environment: Cutler & Cutler
3	A Pattern Language: Christopher Alexander
4	Time Saver Standards for Interior Design, Joseph De Chiara, McGraw Hill, New York.

GANPAT UNIVERSITY									
FACULTY OF ARCHITECTURE DESIGN & PLANNING									
Programme		Bachelor of Design			Branch/Spec.		Bachelor of Interior Design		
Semester		VI			Version		1.0.0.1		
Effective from Academic Year			2016-17		Effective for the batch Admitted in			June 2019	
Subject code		VIA02DED		Subject Name		Design Execution Drawing			
Teaching scheme					Examination scheme (Marks)				
(Per week)	Lecture(DT)		Practical(Lab.)		Total		CE	SEE	Total
	L	TU	P	TW					
Credit	-	-	3	-	3	Theory	-	-	-
Hours	-	-	6	-	6	Practical	40	60	100
Objectives:									
<ul style="list-style-type: none"> • Prepare a full set of working drawings for a Small Residential/Previous year design project . • Synchronizing the entire Interior execution process for realization a conceptual built environment with respect to material & technology with the help of interior working drawings. • Understanding each aspect and stages of Interior construction system and requirement of drawings for execution of the same at different stages. • Understanding magnitude and relevance of details in Interior construction. Exploration of building materials and technology in interior construction. 									
Learning Outcome:									
LO1: Learning to make highly involved technical drawings with specifications.									
LO2: Total understanding of project execution on site, including building services through a combined studio and construction programme.									
LO3: Construction drawing system & methods-civil works, all services, furniture, built-in furniture, partitions, panelling, wall finishes, ceiling, flooring etc.									
LO4: Choice of materials, fixtures, fittings, availability & constructional feasibility, application of materials									
Theory syllabus									
Unit	Content								Hrs
1	Introduction: Working Drawing of small Residential/ Previous year design project.								06
2	STAGE I <ul style="list-style-type: none"> • Site Finalization • Program • Design Process • Design Alternatives • Design Finalization 								24
3	STAGE II <ul style="list-style-type: none"> • Foundation Plan • Detail Floor Plan/s • Furniture Layouts (Placement of the furniture) • Electrical Layouts with (Placement of the furniture) • Necessary elevations • Necessary Sections 								18
4	STAGE III								24

5	<ul style="list-style-type: none"> • Centre line Plans • Centre line: Sections, Elevations with LVLs <p>STAGE IV</p> <ul style="list-style-type: none"> • Presentation of detailed construction drawings with emphasis on clarity in detail – making. • Bathroom Details (Including services wall finishes, ceiling, flooring etc.) • Kitchen Details • Working details of interesting part of partitions or walls, Furniture, built-in furniture, partitions, panelling Details. <p>Writing specifications of the materials and design with Highly involved technical Drawings with Necessary Dimensions and specifications.</p>	24
Practical content		
Preparation of working drawings in studio.		
Text Books		
1	NA	
Reference Books		
1	Building Constructions Illustrations: Dk F. Ching	
2	Building Construction – Volume – I, II, III- Mackay W.L.	
3	Fundamentals of Building construction – A. Edward.	
4	The construction of building - Barry R	
5	Time Saver Standards for Interior Design, Joseph De Chiara, McGraw Hill, New York.	

GANPAT UNIVERSITY									
FACULTY OF ARCHITECTURE DESIGN & PLANNING									
Programme	Bachelor of Design				Branch/Spec.	Bachelor of Interior Design			
Semester	VI				Version	1.0.0.1			
Effective from Academic Year	2016-17				Effective for the batch Admitted in	June 2019			
Subject code	VIA03IMT		Subject Name		Interior Material & Technology				
Teaching scheme					Examination scheme (Marks)				
(Per week)	Lecture(DT)		Practical(Lab.)		Total	CE	SEE	Total	
	L	TU	P	TW					
Credit	2	-	2	-	4	Theory	-	-	-
Hours	-	-	4	-	4	Practical	40	60	100
Objectives:									
<ul style="list-style-type: none"> Explore and learn the advance interior materials in Interior space Design/ Construction. 									
Learning Outcome:									
LO1: Understanding construction process of Interior Construction and material use.									
LO2: Understanding Material Characteristics and it's applications at Interior space.									
Theory syllabus									
Unit	Content								Hrs
1	Introduction to basic introduction to course Explore Advance interior materials in space making elements.								3
2	Partitions / Door/Window Panelling								6
3	False Ceilings, Flooring								6
4	Elevators, Escalators								6
5	Cabinets and Furniture.								6
6	Kitchen platform								3
7	Glazing								6
8	Korean, UVPC sheets, Linoleum, PVC, Cork								6
9	Aluminium sections etc. Detail specifications of all advance material and its applications.								6
Practical content									
Case Studies, Site Visits, Trade Literature Collection, PPT									
Text Books									
1	NA								
Reference Books									
1	Time Saver Standards for Interior Design, Joseph De Chiara, McGraw Hill, New York.								

GANPAT UNIVERSITY									
FACULTY OF ARCHITECTURE DESIGN & PLANNING									
Programme		Bachelor of Design			Branch/Spec.		Bachelor of Interior Design		
Semester		VI			Version		1.0.0.1		
Effective from Academic Year			2016-17		Effective for the batch Admitted in			June 2019	
Subject code		VIA04DM		Subject Name		Design Management			
Teaching scheme					Examination scheme (Marks)				
(Per week)	Lecture(DT)		Practical(Lab.)		Total		CE	SEE	Total
	L	TU	P	TW					
Credit	2	-	-	-	2	Theory	40	60	100
Hours	2	-	-	-	2	Practical	-	-	-
Objectives:									
<ul style="list-style-type: none"> Understanding some of the key aspects in Interior planning and scheduling. Upon completion of the course students shall be able to draw bar charts and use other planning tools to schedule and plan a project with several complex activities along with important understanding of quality and safety during construction. 									
Learning Outcome:									
LO1: Understand the Techniques for planning and implementation of construction projects									
LO2: Learn to draw bar charts and use other planning tools to schedule and plan a project									
Theory syllabus									
Unit	Content								Hrs
1	Introductory Lecture								2
2	Nature of construction projects, need for proper planning and Management Processes and Equipment used.								6
3	Techniques for scheduling: bar charts, Network diagram, project Evaluation and Review Techniques, Critical path Method.								4
4	Practical implementation and application of PERT and CPM to typical construction projects.								4
5	Maintenance of records, bills and method of making payments.								4
6	Cost control monitoring and accounting.								4
7	Quality control and safety during construction.								4
8	Organization and use of project information.								4
Practical content									
Class lectures with theory, problem solving assignments and class work. Case studies of some unique projects. Use of computer software such as Primavera Sure Track and MS Project for computer exercise in PERT CPM.									
Text Books									
1	NA								
Reference Books									
1	Construction Project Management Planning ,Scheduling and Control: Chitkara, K.K. Tata McGraw Hill Publishing Co., New Delhi, 2008.								
2	Project planning, Scheduling and Control in Construction: An Encyclopaedia of Terms and Applications Calin M. Popescu, Chotchai Charoenngam, , Wiley, New York, 1995.								
3	Project Management for Construction – Fundamentals Concepts for Owners , Engineers, Architects and Builders, Chris Hendrickson and Tung Au, Prentice Hall, Pittsburgh, 2000.								
4	Moder.J., C.Phillips and Davis, " Project Management with CPM ", PERT and Precedence Diagramming, Van Nostrand Reinhold Co., Third Edition, 1983.								
5	Willis., E.M., " Scheduling Construction projects ", John Wiley and Sons 1986.								

GANPAT UNIVERSITY									
FACULTY OF ARCHITECTURE DESIGN & PLANNING									
Programme	Bachelor of Design				Branch/Spec.	Bachelor of Interior Design			
Semester	VI				Version	1.0.0.1			
Effective from Academic Year	2016-17				Effective for the batch Admitted in	June 2019			
Subject code	VIA05SID		Subject Name		Sustainable Interior Design Approach				
Teaching scheme					Examination scheme (Marks)				
(Per week)	Lecture(DT)		Practical(Lab.)		Total	CE	SEE	Total	
	L	TU	P	TW					
Credit	2	-	-	-	2	Theory	40	60	100
Hours	2	-	-	-	2	Practical	-	-	-
Objectives:									
<ul style="list-style-type: none"> Explore the concepts of sustainability of structures to the students and sensitize them towards the role of Interior designer and structural engineers towards creating sustainable built environment. Introduction to sustainability, Importance of sustainability in the built environment, Importance of integrated design, Sustainability in Indian scenario, vernacular structures in context of sustainability, sustainability and role of engineers. 									
Learning Outcome:									
LO1: Understands the Principles of sustainable practice in Design									
LO2: Understands the sustainability in the built environment									
Theory syllabus									
Unit	Content								Hrs
1	In the bid to achieve comfortable and inspiring living environment, humans have in the last century, left a definitive mark on the environment and on fellow humans threatening the human existence the way we know it. The last four decades have seen a rise in discussions in identifying these impacts, mitigating it and most importantly evolving 'designs' and practices that would be sensitive and sustainable.								16
2	This course would present the principles of sustainable practice to the designers of the built environment. It would be done by supporting reflective learning that would provide opportunities to the students to articulate their own standpoint on sustainable design.								16
Practical content									
Lectures, Case study work									
Text Books									
1	NA								
Reference Books									
1									

GANPAT UNIVERSITY									
FACULTY OF ARCHITECTURE DESIGN & PLANNING									
Programme	Bachelor of Design				Branch/Spec.	Bachelor of Interior Design			
Semester	VI				Version	1.0.0.1			
Effective from Academic Year	2016-17				Effective for the batch Admitted in	June 2019			
Subject code	VIA06HOID	Subject Name			History of Interior Design				
Teaching scheme					Examination scheme (Marks)				
(Per week)	Lecture(DT)		Practical(Lab.)		Total		CE	SEE	Total
	L	TU	P	TW					
Credit	2	-	-	-	2	Theory	40	60	100
Hours	2	-	-	-	2	Practical	-	-	-
Objectives:									
<ul style="list-style-type: none"> To provide insight on the works of leading Interior Eminent designers/Architects and their Influence on design through ages. 									
Learning Outcome:									
<p>LO1: understand the all basic styles of Architecture and focus the designs from the industrial age to the present age.</p> <p>LO2: The Impact of Machine age/Industrial Revolution throughout the era and it's influence on Design/Architecture Worldwide</p> <p>LO3: Learn from through out the history: Eminent Designer's Philosophy and Style of work.</p>									
Theory syllabus									
Unit	Content								Hrs
1	Overall Subject introduction and exposure.								2
2	Modern Movements in design from the beginnings of 20th century. <ul style="list-style-type: none"> Industrial Revolution: The Industrial Revolution was dominated by industry and machine manufacturing. 								2
3	UNIT – I EARLY PIONEERS <ul style="list-style-type: none"> Art Nouveau movement: Art Nouveau as an international art movement and style based on organic forms. It was seen in art, graphic design, architecture and applied arts such as decoration, jewellery, ceramics and glass. Eminent Designer/Architect: works of Charles Renée Mackintosh, Antonio Gaudi.								6
4	UNIT – II BAUHAUS AND POST WAR MODERNISTS <ul style="list-style-type: none"> Art Deco Style: Art Deco influenced the design of buildings, furniture, jewelry, fashionNew materials and technologies, especially reinforced concrete, were key to the development and appearance of Art Deco. new methods in producing plate glass, which were less expensive and allowed much larger and stronger windows, and for mass-producing aluminium, which was used for building and window frames. The Bauhaus: modernist movements appeared after the first World War, The Bauhaus was a school founded Weimar in 1919 under the direction of Walter Gropius. The Bauhaus was a school fusion of the pre-war Academy of Arts and the school of technology. Eminent Designer/Architect: Walter Gropius/ Bauhaus, De Stijl, Mies Van Der Rohe, Art Deco, Postwar Modernism.								6

5	<p>UNIT – III</p> <ul style="list-style-type: none"> • Modernism: Eminent Designer’s work and Philosophy & style of the work Work of Le Corbusier, Frank Lloyd Wright, Louis Khan 	4
6	<p>UNIT – IV INTERNATIONAL STYLE</p> <ul style="list-style-type: none"> • International Style: The works of Alvar Alto, Phillip Johnson, Charles and Ray Eames 	4
7	<p>UNIT – V</p> <ul style="list-style-type: none"> • Post Modernism and Minimalism: Interiors of Zaha Hadid, Santiago Calatrava, Frank Gehry and Peter Eisenman. 	4
8	<ul style="list-style-type: none"> • Furniture Development World wide: Furniture Development in Netherland, France, England, Scandinavia, Usa. Design development of furniture through out the world and study the eminent designer’s work and styles. 	4
Practical content		
Exploration in Model making		
Text Books		
1	NA	
Reference Books		
1	Interior Design Course, Mary Gilliat Coyran, Octopus Ltd., London	
2	Interior Design & Decoration, Sherril Whiton, Prentice Hall	
3	Interior Design, Francis D.K. Ching, John Wiley & Sons, New York	
4	History of Architecture, Sir Banister Fletcher, CBS Publishers & distributors, New Delhi	
5	Time Saver Standards for Interior Design, Joseph De Chiara, McGraw Hill, New York.	

GANPAT UNIVERSITY										
FACULTY OF ARCHITECTURE DESIGN & PLANNING										
Programme		Bachelor of Design				Branch/Spec.		Bachelor of Interior Design		
Semester		VI				Version		1.0.0.1		
Effective from Academic Year			2016-17			Effective for the batch Admitted in			June 2019	
Subject code		VIB07WS/EL E		Subject Name		Workshop/ Elective- VI				
Teaching scheme					Examination scheme (Marks)					
(Per week)	Lecture(DT)		Practical(Lab.)		Total		CE	SEE	Total	
	L	TU	P	TW						
Credit	-	-	1	-	1	Theory	-	-	-	
Hours	-	-	2	-	2	Practical	40	60	100	
Objective:										
<ul style="list-style-type: none"> Materials based workshops. Exploration of materials, presentation and model making techniques Understanding different material properties and use as building material as a structural and finishing material. 										
Learning Outcome:										
LO1: The students will learn the material's physical properties & behaviour with hands on experiences.										
LO2: It's application and different techniques used for work with materials (Ex: Wood, Plastic, Glass, ceramic, Metal, Bamboo, Clay etc.).										
LO3: Student's will Explore different material properties based on their design model.										
Theory syllabus										
Unit	Content								Hrs	
1	PLASTIC: Properties of plastics, FRP, acrylic etc. Processing plastics, use of molds and dyes. Application of plastic and plastic based materials in interior design								16	
2	GLASS: Properties of glass. Types of glass –structural glass, architectural glass. Processing in glass making. Commercial application of glass. Advantages and disadvantages of using glass.								16	
Practical content										
Model making and analysis of material.										
Text Books										
1	NA									
Reference Books										
1										

GANPAT UNIVERSITY								
FACULTY OF ARCHITECTURE DESIGN & PLANNING								
Programme	Bachelor of Design			Branch/Spec.	Bachelor of Interior Design			
Semester	VI			Version	1.0.0.1			
Effective from Academic Year	2016-17			Effective for the batch Admitted in	June 2019			
Subject code	VIB08SP	Subject Name	Summer Programme-III*					
Teaching scheme				Examination scheme (Marks)				
(Per week)	Lecture(DT)		Practical(Lab.)		Total	CE	SEE	Total
	L	TU	P	TW				
Credit	NA				Theory	NA		
Hours	1 Week Case Study				Practical	ATTENDED/ NOT ATTENDED		
Objectives:								
<ul style="list-style-type: none"> • Understanding of art and craft and it's cultural values. • Understand how to revitalized art and craft at today's modern era and uplift artisans and rich heritage of India. • Study and Explore art and craft at it's best throughout the India • Learn the different states art and craft work 								
Learning Outcome:								
<p>LO1: Study the any state area's art and craft & their cultural values & visual documentation through sketches, photographs, interviewing with local people and explore local craft at it's best within India.</p> <p>LO2: Explore art and craft and culture of multi diversity gives student's enormous exposure for outside world. art and craft as a component of Interior Design and should be explore at it's best through out India. Ex. Marble Inlay work, Wooden carving work, paper mesh work.</p> <p>LO3: Understand how to revitalized art and craft at today's modern era and uplift artisans and rich heritage of India.</p>								
CONTENT & TEACHING UNITS								
Unit	Content						Hrs.	
1	<p>The program is intended to explore art and craft as a component of Interior Design and should be explore at it's best through out India. Ex. Marble Inlay work, Wooden carving work, paper mesh work.</p> <p>Student's will select any region of study as a part of his own interest of craft, based on this he will select any state within India.</p> <p>Explore art and craft and culture of multi diversity gives student's enormous exposure for outside world.</p> <p>Same time student's will study at least one or many craft from the region with the help of master craft's man they will document's the whole process of making the product and documents the spaces of working areas through sketches and drawing.</p> <p>At least 15 days study will be required for student's to consideration for the academic purpose.</p>						NA	
Practical content								
Student's learn and explore art and craft documentation through sketches, photographs, documentations.								
Text Books								
1	NA							
Reference Books								
1	NA							