

GANPAT UNIVERSITY										
FACULTY OF ARCHITECTURE DESIGN & PLANNING										
Programme	Bachelor of Design				Branch/Spec.	INSTITUTE OF DESIGN				
Semester	I				Version	3.0.0.0				
Effective from Academic Year	2021-22				Effective for the batch Admitted in	June 2021				
Subject code	3IA01DS		Subject Name		DESIGN STUDIO - I					
Teaching scheme					Examination scheme (Marks)					
(Per week)	Lecture(DT)		S/W/T		Total		CIE	SE	UE	Total
	L	TU	S/W/T	TW						
Credit	-	-	4	-	4	Theory	-	-	-	-
Hours	-	-	4	-	4	Jury/Viva/TW/ TW	40	20	40	100
<b>Objective:</b>										
<ul style="list-style-type: none"> <li>To introduce students to the language of architecture and characteristics of space through creative thinking.</li> <li>Introduction of basic fundamentals of design and design vocabulary with respect to function and aesthetics.</li> <li>Developing basic skill of expression that involves the ability to perceive, abstract and create the design of objects and spaces.</li> <li>Form and Space Making. Experiencing movement through space and time. Anthropometry and space.</li> </ul>										
<b>Learning Outcome:</b>										
<b>LO1:</b> Translate abstract principles of design into architectural language. <b>LO2:</b> Apply basic design principles to create architectural space and form. <b>LO3:</b> Recognize the importance of anthropometry in creation of functional space.										
<b>CONTENT &amp; TEACHING UNITS</b>										
<b>Unit</b>	<b>Content</b>									<b>HRS</b>
1	Unlearn & Relearn – Abstract representation of events, memories, activities, objects and moods. Learning basics of architectural representation.									12
2	Principles of 2D and 3D compositions, function specific design solutions, developing aesthetical and technical understanding of space making, Introduction of the form and function, order and variations, basic organizational principles, Understanding the human body in space, Activities and their relationship with spaces, Scales and proportions, abstractions, sensory stimuli as components of architectural design.									12
3	Space making and place making, theme based compositions, volumetric studies, area studies, Literature Review. Exercises related to elements of design, and perception of space.									16
4	Exercises related to Parameters of design, anthropometrics, human activity and the use of space, Interrelationship of architectural space to form, structure, and materials to help students develop a visual and tacit structural understanding through models and installations.									16
7	Design of a simple architectural form based on an understanding of anthropometrics.									16
<b>Reference Books</b>										
1	Form, Space & Order-Francis D.K. Ching.									
2	Lessons for Students in Architecture 1 & 2-Herman Hertzberger.									
3	Experiencing Architecture- Steen Eiler Rasmussen.									

4	Basic principles of Design - Maier Manfred (publisher: Van Nostrand Reinhold NY)
5	Introduction to Architecture – James Snyder, Anthony Caterex
6	Architecture Scale & Proportion and architecturally speaking - Eugene Ruskin.
7	Towards New Architecture – Le Corbusier
8	Architecture: The Appreciation of Arts - Sinclair Gaudie.
9	Principles of three Dimensional Design by Wucius Wong (publisher: Van Nostrand Reinhold NY)
10	Architecture: Scale and proportion - Eugene Ruskin

**Note:**

- (I) Exercises related each unit has to be carried out distinctively.
- (II) Relevant case studies and literature studies can be given by the studio teachers and report has to be compiled by the students.
- (III) The portfolio covering the above topics shall be presented for viva voce.

Note: Continuous Internal Evaluation shall be divided into A. 20% -Attendance B. 80% -Periodic Evaluation

CIE- Continuous Internal Evaluation, SE-Summative Evaluation (Jury/Viva/TW/Theory Exam), UE- University Exams (Jury/Viva/TW/Theory Exam)