

**L J UNIVERSITY**  
**L J SCHOOL OF DESIGN**  
Syllabus for Bachelors of Design  
First Year I Semester 1

| CODE                    | SUBJECT   | CREDIT |
|-------------------------|---|--------|
| 10180101                | Design Studio-I   | 8      |
| <b>AIM</b>              |   |        |
|                         | Introduction of basic fundamentals of design and design vocabulary. The course will introduce students to the design fundamentals with respect to function and aesthetics. Anthropometrics.   |        |
| <b>CONTENT:-</b>        |   |        |
|                         | <ul style="list-style-type: none"> <li>• Perception of Functions and Importance in Design. Important function in relation to its forms, realizations of the dimensions and related proportion.</li> <li>• The importance of Human Dimensions in working out the size and volume which leads to solution of arriving to the space for various activities.</li> <li>• Anthropometrics and related design issues.</li> <li>• Understanding man and his basic living activity. Analysis of functions, and Space planning for the living activities.</li> <li>• To understand the form is to draw an object in relation to the hand.</li> <li>• Study of Anthropometry with a dimension for the various activities of day to day life.</li> <li>• Establish a limited spatial envelope to suit basic functions of living and working: Disciplines underlying the combinative principles of spatial vocabulary, spatial geometry, issues of direction, position, enclosure, openness, movement, linkages and space perception.</li> <li>• Light, colour, texture and material add another interface to understanding of space giving it varied scales and proportions, giving new dimensions to the space.</li> </ul> |        |
| <b>METHODOLOGY:-</b>    |   |        |
|                         | Lectures, Studios, Study tours, Measure Drawings Documentation, Presentation, Group work  |        |
| <b>REFERENCE BOOK:-</b> |   |        |
|                         | <ul style="list-style-type: none"> <li>• Form, space, order - Ching, Frances D.K.</li> <li>• Ways of seeing - Berger John.</li> <li>• Graphics in Architecture - Ching, Frances D.K.</li> <li>• Art and visual perception - Arnheim, Rudolf.</li> <li>• Bovill, Carl. Fractal, Geometry in Architecture and Design. Boston: Birkhäuser, 1996. Print.</li> <li>• Dodds, George, Robert Tavernor, and Joseph Rykwert. Body and Building: Essays on the Changing Relation of Body and Architecture. Cambridge, MA: MIT, 2002. Print.</li> <li>• Yee, Rendow. Architectural Drawing: A Visual Compendium of Types and Methods. Hoboken, NJ: J.Wiley, 2003. Print.</li> <li>• Rich, Peter Maurice., and Yvonne Dean. Principles of Element Design. Oxford: Aechitectural, 1999.Print.</li> </ul>   |        |