

SYLLABUS :-

Course Overview: The Basic Design course is one of the fundamentals of the architecture programme. The objective of the course is to introduce a beginner to the basic design approaches through the triple foundations of 'Form-Function-Foundation' behind any design. Adequate emphasis is given to syntax and semantics of design grammar, design language and foundation techniques of architectural design processes. The understanding of this course will act as a prerequisite for the next semester course Basic Design 2. Learning Objectives: 1. Understand the factors of design regarding elementary forms, functions, and foundations. 2. Absorb and use the fundamental building blocks of design through visual scaling and external sensory perception by means of sketches and their aspect ratios. 3. Draw a series of graphics of points to lines, and lines to planes, and planes to 3D volumes. 4. Absorb understanding of colour, texture, volume of objects with the sense of contrast, harmony, balance and relative proportions; the inherent visual properties of any physical object or enclosure. 5. Delineate the elements of design covering spaces - enveloping; contained and residual spaces and structure in three-dimensional composition. 6. Learn the basic principles of design in the context, purpose, time, and technology, based on local, zonal or major geographic variations. 7. Learn the fundamentals of anthropometrics, ergonomics, ratio and proportion, and scales in design. 8. Visualize techniques of graphic expression to present the innovative design ideas. 9. Perform a first rudimentary space design exercise after a set of hands-on or digital sketching of points above.

Course Curriculum:

Module 1 : Space and form Depict various aspects of spatioLOGY with transformation of forms and spaces towards the appraisal of existing forms and creation of unique design solutions

Module 2 : Pattern and function Organize and design dynamics in geometrical pattern and creation of architectural spaces with specific functions

Module 3 : Composition Arrive at relationship between 2D and 3D compositions

Module 4 : Applied design Work on innovative assignments on 2D thematic mural or floorscape design, 3D composition with regular forms (lines, planes or volumes), signage design, park sculpture and others based on emerging contemporary ideas in the local and global contexts.

Reading List: 1. Ching, F. D. K. (1996). Architecture: Form, space and order. John Wiley and Sons. 2. Von Meiss, P. (1990). Elements of architecture: From form to place. Routledge. 3. Zell, M. (2008). Architectural drawing course: Tools and techniques for 2D and 3D representation. Barron's Educational Series