



Department of Architecture

Course: 10110603 Theory of Architecture

Instructors: G.Kartteek

External Theory

Contact Periods/ week: 02 periods per week

Time Table:

Attendance: Min 75%

Class: III Yr. VI Sem. B.Arch, 2017-18 A.Y

Internal Assessment: 50

External Theory Exam: 50

Total Marks: 100

Credits: 2

Min. Passing Marks: 50% each in Internal & External Assessment, 50% in Aggregate

Objective: The course will focus on creating a deep understanding about Architecture and Design from a theoretical perspective. The course will help students to develop a strong design vocabulary, how and by what means to communicate their design and to understand the philosophy and the undercurrents of the design process.

Out Line of the Course: The course is broadly structured to include all important readings and theories in architecture

LECTURE PLAN

S. No.	Week	TOPIC OF CLASS LECTURE & DISCUSSION	CLASS ACTIVITIES & ASSIGNMENTS
1	Week 1	Introduction to theory, design, philosophy, aesthetics -	Lecture session
2	Week 2	Chronological overview from Stone Age to Postmodernism	Lecture session
3	Week 3	Discussions/Presentations on Works/Philosophies of Plato, Aristotle, Karl Marx, Friedrich Hegel, Vitruvius Pollio, Louis Sullivan	Lecture + Discussions
4	Week 4	The principles and philosophy of modernism- in art, design and architecture, worldview	Lecture session and assessment-1
5	Week 5	Theories & perceptions of time and space, mode of reasoning	Lecture session
6	Week 6	Theories & perceptions of time and space, mode of reasoning	Lecture session
7	Week 7	Discussions/Presentations on Works/Philosophies of Frank Lloyd Wright, Walter Gropius, Le Corbusier, Ludwig Mies van der Rohe, Pablo Picasso, Immanuel Kant, Friedrich Nietzsche, Max Weber.	Lecture + Discussions
8	Week 8	The principles and philosophy of Structuralism - in art, design and architecture, worldview & mode of reasoning	Lecture session
9	Week 9	Structuralism-Discussions/Presentations on Works/Philosophies of Aldo Rossi, Kenzō Tange, Ferdinand de Saussure, Claude Lévi-Strauss, Jacques Lacan, Roman Jakobson, Herbert Spencer	Lecture + Discussions
10	Week 10	Postmodernism- The principles and philosophy of Postmodernism- in art, design and architecture,	Lecture session
11	Week 11	Postmodernism worldview, theories & perceptions of time and space, mode of reasoning	Lecture session
12	Week 12	Discussions/Presentations on Works/Philosophies of Le Corbusier, Robert Venturi, Charles Moore, Mario Botta, Renzo Piano, Frank Owen Gehry, Jane Jacobs, Fredric Jameson.	Discussions + Presentations

13	Week 13	The principles and philosophy of Post-Structuralism, of art, design and architecture, worldview & mode of reasoning	Lecture session
14	Week 14	Discussions/Presentations on Works/Philosophies of Jacques Derrida, Peter Eisenman, Bernard Tschumi, Philip Johnson, Henri Lefebvre, Merleau-Ponty, Juhani Pallasmaa, Jürgen Habermas, Frank Gehry, Daniel Libeskind, Rem Koolhaas, Zaha Hadid.	Discussions + Presentations
15	Week 15	Biomimicry/biomimetics- The principles , philosophy and Examples.	Lecture session
16	Week 16	Discussions/ Presentations on Works/Philosophies of Antoni Gaudi, Norman Foster, Michael Pawlyn.	Discussions + Presentations

***Note:**

Tentative break-up of Internal Assessment Marks:

S.No.	CATEGORIES OF EVALUATION	MARKS
1	Discussion/Presentation - I	15
2	Discussion/Presentation - II	15
3	Presentation	20
	Total	50

References:

2. Deleuze, G. and Guattari, F. (1988). Foucault. Minneapolis : University of Minnesota Press.
3. Eisenman, P. (1999). Diagram Diaries. New York : Universe.
4. Heidegger, M. (1993). Building Dwelling Thinking. Basic Writings. HarperCollins.
5. Johnson, P. and Wigley, M. (1988). Deconstructivist Architecture. New York : Museum of Modern Art.
6. Lefebvre, H. (1991). The production of space. Oxford: Cambridge.
7. Merleau-Ponty, M., and InEdie, J.M. (1964). The primacy of perception. North Western University Press.
8. Pallasmaa, J. (2005). The eyes of the skin: Architecture and the senses. Chichester : Wiley-Academy.
9. Pawlyn, M. (2011). Bio-mimicry in Architecture. London : RIBA Publishing.
10. Tschumi, B. (1994). Architecture and disjunction. Cambridge, Massachusetts : MIT.
11. Venturi, R. (1966). Complexity and Contradiction in Architecture. New York : The Museum of Modern Art.
12. Vitruvius, P. and Morgan, M. H. (1960). Vitruvius: The ten books on architecture. New York : Dover Publications.

Further readings:

13. Day, C. (1990). Places of the soul: Architectural and environmental design as a healing art. The Aquarian Press.
14. Hillier, B. (1996). Space is the machine: A configurational theory of architecture. Cambridge : Cambridge University Press.
15. Lakoff, G. (1993). The contemporary theory of metaphor. In : Ortony, A. (Ed.) Metaphor and Thought. 2nd Ed. (pp. 202-251) Cambridge: Cambridge University Press.
16. Leon, A. B. (1996). On the Art of Building in Ten Books. MIT.
17. Rossi, A. (1966). L'architetturadellacittà. Translated by: Ghirardo, D. and Ockman, J. (1982) The Architecture of the City. Cambridge : MIT Press.
18. Schulz, N. C. (2007). The Phenomenon of Place. In : Larice, M. and Macdonald, E. (Ed.). The Urban Design Reader (pp. 125–137). Routledge.
19. Smith, K. H. (2012). Introducing architectural theory: Debating a discipline. New York : Routledge.

Course Instructor:

Head of the Department: