Contemporary theories of Architecture

The course will focus on creating a deep understanding of the transient yet perpetual nature of Architecture through philosophical, theoretical and computational discourses. Principles of architecture and the timeline of various architectural theories, Studies in Tectonic culture, Technology and Meaning in architecture, Architectural philosophy and Aesthetics, Phenomenology in architecture, Configurational theory of architecture, Social logic of space, Systems basis of architectural structures and Biological analogy of architecture. Principles of architecture and timeline of various architectural theories – Utility, Stability, Beauty, Contours of theoretical development, Conventions of classical designs, Principles and rationales from modern era. Studies in Tectonic culture – Reflections on the scope of the tectonic, the Anglo-French origins of tectonic form, Modernization and the New Monumentality, Transcultural form and the new tectonic metaphor, the Adoration of joint

Technology and Meaning in architecture – A technology of habitation, The map and the territory, The question of meaning and the relationship between mechanics and meaning in architecture, Metaphorical technology. Aesthetics and Philosophy – The origin of aesthetics: from Plato to Neo-Platonism, Aesthetics of Genius: from Kant to Nietzsche, Aesthetics and Deconstruction: from Heidegger to Derrida
Phenomenology in architecture – The meaning of being, Dwelling and Building, Architecture and philosophy of the body in place: movement and experience

Social logic of space – The logic of space, The analysis of settlement layouts, Buildings and their genotypes, Elementary buildings and its transformations, Spatial logic of arrangements: from structures to particular realities. Configurational theory of architecture – What architecture adds to a building, The need for an analytic theory of architecture, Non-discursive technique, non-discursive regularities: time as an aspect of space, Space is the machine
Systems basis of architectural structures – The idea of integration, Systems thinking: architectural systems and developments in systems architecture, Integrated systems: envelope, structural, mechanical, interior, site and further potentials. Biological analogy of architecture – The classificatory analogy: Building types and natural species, The anatomical analogy: engineering structure and the animal skeleton, The ecological analogy: environments of artifacts and organisms, Biotechnics: plants and animals as inventors

References:

1. Alexander, C. 1979. *THE TIMELESS WAY OF BUILDING*. Oxford University Press. NY
2. Bachelard, G. 1964. *THE POETICS OF SPACE: THE CLASSIC LOOK AT HOW WE EXPERIENCE INTIMATE PLACES*. Beacon Press. Boston
3. Bachman, R, L. 2003. *Integrated Buildings: THE SYSTEMS BASIS OF ARCHITECTURE*. John Wiley & Sons, Inc. NJ
4. Benjamin, A. 2000. *Architectural Philosophy*. THE ATHLONE PRESS. London
5. Frampton, K. 2001. *Studies in Tectonic Culture: The Poetics of Construction in Nineteenth and Twentieth Century Architecture*. The MIT Press. England
6. Hale, A, J. 2000. *Building Ideas: An Introduction to Architectural Theory*. John Wiley & Sons Ltd. England
7. Hays, M, K. 1998. Ed. *Architecture Theory Since 1968*. The MIT Press. MA
8. Hearn, F. 2003. *Ideas that shaped buildings*. The MIT Press. England
9. Hillier, B. Space is the machine: A configurational theory of architecture. Space Syntax. UK
10. Hillier, B., Hanson, J. 1984. *The social logic of space*. Cambridge University Press. UK
11. LaVine, L. 2001. *Mechanics and Meaning in Architecture*. University of Minnesota Press. MN
12. Leyton, M. 2006. *SHAPE AS MEMORY: A Geometric Theory of Architecture*. BIRKHAUSER. Germany
13. Mallgrave, H, F. 2006. *ARCHITECTURAL THEORY: Volume I, An Anthology from Vitrivius to 1870*. Blackwell Publishing. UK
14. Mattick, P. 2003. *ART IN ITS TIME: Theories and practices of modern aesthetics*. Routledge. London
15. Rowe, C., Slutzky, R. 1997, *TRANSPERENCY*. Birkhauser. Switzerland
16. Sharr, A. 2007. *THINKERS FOR ARCHITECTS: Heidegger for Architects*. Routledge. London

Senate
RR