Abstract

Architecture is changing radically. From the evolution of the human species to the blossoming of our intellect, from the mystique of faith and spirit to the cutting-edge logic and rationality of science, architecture as a discipline has undergone a rather diverse morphology.

As the world progresses in the field of science and technology questioning the extent of their infiltration in our lives becomes critical. In recent developments technology, with the help of sophisticated computing has adapted exceedingly humanized characteristics. As technology expands our capabilities, its sprawl into every facet of our life becomes inevitable. This dissertation will examine the philosophical, ethical and anthropological implications of technology into the framework of architecture. The emphasis will focus on two aspects, first being the processes that are undertaken for the creation of architecture and the second will focus on its experiential characteristics. From digital fabrication to interactive technology from virtual and augmented reality to quantum mechanics, some of the latest innovations in architecture will be discussed.

The first part of this dissertation will thus cover a global overview addressing the status-quo of architectural technology by reviewing relevant books, articles and online media. Assessing these global notions, it seems that architectural evolution in our culture has taken a halt. The second part will then compare these foreign ideologies with the local through (1) interviews with experts, (2) quantitative survey and (3) two case studies of local technological outlets. This dissertation will attempt to uncover the disparity between local and foreign ideology regarding technology and will reveal for the reader and myself the validity of technology’s role in architectural design, construction and experience for the people.