"Technology Training Effect in Sustainable Architecture"

Dr. Mohsen Vafamehr^a, Mohammad Sadegh Taher Tolou Del^b

a: Academic Member of Faculty of Architecture & Urban Design of Iran Science & Technology University, <u>vafamehr@iust.ac.ir</u> b: Academic Member of Faculty of Civil Engineering of Shahid Rajayee Teacher Training University, <u>msttd@srttu.edu</u>

Abstract:

Professional staff training is the main goal on high education in the different academic sections. Architectural field as a collection of high education for doing the creating goals and needs of that process is toward to some problems. Investigations showed that these categories of problems are: Architectural training problems, High education system problems and constructional problems.

Also, some problems are in technologic subjects training. In example: without the practical and experimental work shops, absence the potential and adequate equipments, absence of benefit style training selection and unsuitable concepts of regular courses, no continuity of process of programming and training manner in technical courses, in addition almost of all courses resultant would be presented by theoretical and graphical style. Therefore these skills not only are unreasonable but also may be shown that there are some gaps in establishing process of courses system programs and concepts. By incorporating of academic members on process of establish and define the training programs, concepts and system; would be resulted to defecting the relation and consistency in calendaring and programming and logical relation between the courses teaching without an ultra completing idea would caused to in architectural faculties; with total collection of segregated and non homogenous elements without circumferential completed concepts. In this way we must know how to programming science training and construction techniques in structural courses on architectural field, know to accelerating methods of present the technical courses in architectural training direction, know the interaction scale of construction science and technical training for architectural students, know the methods of diagnosis of encyclical no completely and disordering that usually would occurred in training process. This article try on presenting some recommendations for rehabilitation in technical courses training in architectural field and their concepts and program in Iran and offer for retrofit mechanism to increasing the quality of these courses training in academic programs in Iran.

Keywords:

Training, Architecture, Technology, Concept and Aim, Sustainability, Collectivity and Integrity