

A Scientific Umbrella for Industrial Design Disciplines

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Abstract : Industrial design as a multidisciplinary science has a vast field in which some different aspects are involved. In this regard, aspects of art, technology and engineering, social and economics are known as the main related fields. Also, state of the art scientific areas and also art based files have been making the new conditions for industrial design discipline. Furthermore, there are some new approaches and branches of industrial design. However, there is not any categorized style for these industrial design sub-groups. Undoubtedly, if there is an appropriate chart for the main industrial design approaches and branches, the related groups such as industrial designers, manufacturers, and industrial design students will have practical ideas to categorize their activities. In this case study, we developed a scientific umbrella for industrial design in which most of current approaches and branches and related association are introduced. For data gathering, some interviews were done among volunteer industrial design lecturers who are teaching at some well-known universities in Iran. Also, according to the inventory of industrial design, theses which are in university libraries, thesis approaches, and titles were assessed. Based on gathered data, we introduced a scientific umbrella for industrial design in which most of related branches and approaches are categorized. In this umbrella, the hierarchy of related branches is highlighted as well.

Keywords : industrial design, art, industrial design approaches, scientific umbrella

Conference Title : ICIDE 2014 : International Conference on Industrial Design Engineering

Conference Location : Amsterdam, Netherlands

Conference Dates : August 07-08, 2014