

Vocational Training Centers and Their Development Through Contemporary Design Trends

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Abstract:

The technological developments had come very fast and societies needed to learn new skills and sciences such as vocational crafts through training which is a vital element of this age. The role of the vocational centers encompassed in development and renaissance of the society through raising the efficiency of advanced training programs, so that, they reflected in the role of architects and interior designers. In addition, they were essential in raising and enhancing vocational training centers through the development of design architecture and interior spaces according to specific criteria. The research enhanced the role of vocational training centers, creative spaces, arts, crafts, and sciences centers in spreading knowledge, besides, it created space for learning and understanding between different peoples and cultures. **The problem of research** was the rigidity, monotony, and neglect of the vocational and technical training centers in the local communities and the poor position of these centers despite their dynamic role in the development of the society. On the other side, most of the vocational training focused on the content of the advanced training programs only without interest in architecture, interior design, and how to create space for creativity. Furthermore, these problems had caused of weak interior space in all elements, training spaces, services, and others which did not suitable for such a type of these spaces because it required creativity, innovation, and specific standards in interior design. Accordingly, the designers needed to create interactive spaces involving students and wonderful experiences for all users with good scientific content. Besides, the vocational crafts begun to spread through the interrelationship of architects, designers, and others disciplines of heritage conservation in vocational centers design which included these trades and crafts with using modern technological development in the trends of contemporary architecture. Hence, the awareness of the importance of handicrafts was an essential value that encouraged designers to revive these professions crafts through creating innovative vocational centers. **The objective of the research** was to provide a comprehensive study of the futuristic design of vocational training centers and the strategy of training spaces suitable for various activities within interactive space, and many advanced digital techniques. Meanwhile, it was raised the efficiency of the vocational training centers by developing the interior architecture of these centers through modern trends in design, so that, it overcame the design problems affected by these centers. These would contribute to the development of vocational centers, as well as, the traditional contemporary design through theory, research, experience design, and different disciplines. **Results:**, the research enhanced the modern theories and their impact on workshops spaces of vocational training, both aesthetically and functionally, and analyzed the development methods of the design process which harmonized to the future vision of contemporary trends in interior design. Finally, these creative spaces represented an effective role in the renaissance of the nation, which contributed to the elimination of many problems and issues. The research has also, highlighted the development of vocational training centers through design trends, activities, services, interior functions, and other visions of the space, as well as, enhanced the concepts of vocational training spaces development according to contemporary design standards which contributed to raising the efficiency of training activities in all aspects. This influenced in higher efficiency of students' and trainees' performance. In addition, the study analyzed the importance of exploring a future vision for these centers and their effective role in enriching society through specific structures and methodologies for vocational training centers. In conclusion, the research concluded a set of design criteria and strategies in the evolution of vocational training centers design which pushed students to creativity and societies to develop, innovate and promote the economy.

Keywords:

Vocational training centers, Arts and Crafts centers, Originality and Spirit of place, Contemporary design trends

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Paper History :

Paper received 21st August 2021, Accepted 30th November 2021, Published 1st of January 2022