

Implementation of a training hall (gymnasium) at the Faculty of Applied Arts as an Educational Product to Develop the Concept of Entrepreneurship

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Abstract:

Sports companies and institutions have produced a lot of sports devices that work to strengthen muscles to raise the efficiency of players and individuals in order to improve the physical and physical strength of their different types and gender, and to complete a plan to transform the design of experimental models and the first sample in the third year in the Industrial Design department Damietta University from a range preparation of experimental models and simulations for devices and products of industrial design to implement first samples as integrated products in various fields, and this is done in accordance with the concepts of creativity, innovation, entrepreneurship, technology transfer and marketing, including for example, the field of sports equipment.

The research dealt with the field of sports devices as one of the targeted applications for the field of industrial design, and planning to implement and manufacture the first samples of many sports devices required preparing various studies on the design considerations of sports training halls (gymnasium) according to a timeline that allows us to implement many devices that aim to strengthen muscles of different parts of the body in an integrated way.

A team of thirteen students of the Industrial design department was directed to prepare studies related to materials and iron sectors, and all the various accessories related to sports equipment available in the Egyptian market.

And where the sports equipment has been carefully studied and identified by the researcher who specializes in physical and sports preparation to coincide and integrate with each other to support all muscles and body parts, therefore we can establish various sporting activities to serve the internal community of the faculty of Applied Arts from students and the teaching staff members and the members working in the administrative apparatus in order to support positive participation and fruitful cooperation between the members of the faculty to achieve a guarantee of the quality of the educational environment in the institution.

The researchers, along with their students have come to design and implement a number of thirteen different sports devices by supporting the Foundation for raw materials and supplies to motivate students and staff members of the faculty to uphold the concepts of creativity and innovation and entrepreneurship with different curricula, in addition to establishing various sports activities in the gym (gymnasium) designed to serve the internal community of the Faculty of Applied Arts.

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Key words:

Entrepreneurship, pioneer student, pioneer course, experimental models, local materials, sports equipment, gyms.