

Neural Architecture as an Inspiration for Designing the Internal Spaces of Technological Incubators

Dr. Omnia Magdy Abdelaziz Mohamed

Lecturer – Department of Interior Design and Furniture - Faculty of Applied Arts –
Banha University

omnia.abozaid@fapa.bu.edu.eg

Abstract:

Within the framework of The national strategy for Science, Technology and Innovation 2030; the “Information Technology Industry Development Agency” has launched a “Technology Incubation program” to act as the largest umbrella under which technological incubators are developed and managed, inside the “Technology Innovation and Entrepreneurship system”. So that it covers all Egyptian regions, and to be able to transform ideas into startup companies that can compete on both economic and technological levels; and provide competitive products, to achieve the objective of knowledge economy, create new job opportunities and participate in meeting national challenges by discovering new ideas and embrace their developers; researchers, entrepreneurs or students at Egyptian universities and schools.

As culture and technology progress, designing buildings has changed; both externally and internally; and life inside cement walls has become displeasing. This caught the attention of architects and internal designers, so now they take into consideration the buildings interiors and exteriors, to facilitate life for their inhabitants; as well as support their comfort, joy, with the objective of enhancing productivity and life quality. Therefore, the concept of this research was developed to realize the output of neural architecture in promoting the role of the interior designer in the enhancement of technological incubators internal environments, to improve economic development and participate in changing the world.

The research reached to achieve an internal environment based on the neuroarchitecture fundamentals can improve the behavior and health of the building inhabitants, giving rise to efficiency and continuity of economic development and creativity.

Keywords:

Neural Architecture, Technological Incubators, Environment.