

# **A Design Approach for Printed Women Fabrics Benefit from The Aesthetic Structure of Bio Mimicry Science**

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## **Abstract:**

Nature has its own principles to preserve the ecosystem. It is the main source of various systems. Nature's capabilities are superior in many fields that allow design solutions to some problems. The concept of biomimicry design combines biology and engineering to achieve complete unity, and to create sustainable design strategies based on taking advantage of solutions found in nature to solve various design problems.

Design is one of the important fields of life. It is an artistic thought that accompanies the trends of arts as a artistic construction process that can be discerned from nature, the organization of elements, blocks, spaces, volumes and interrelations to achieve unity, balance, rhythm and movement within the artwork. For the design process to perform its function successfully in accordance with the concept and requirements of the design media; The biomimicry science became an approach to scientific thinking and engineering systems taken from nature to reach various entrances to artistic creativity.

Biomimicry design is one of the newly emerging scientific and artistic way that produced by simulating nature's systems and employing them in various designs to express and build contemporary design thought that simulates nature and its construction.

Therefore, this study seeks to use the direction of biomimicry design as an aesthetic dimension to present a new vision to devise innovative designs with different tactile, sensual and visual effects for women's printing fabrics through color calculations and repeated formal rhythms.

## **Keywords:**

- Design Approach - Aesthetic Structure - Bio Mimicry Science