

BIOMIMETICS: REDEFINING THE FRONTIERS OF MATERIALS

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Biomaterials, “Materials either from biology or for biology”, entered into the realm of materials science along with nano-materials. “Biomimetics” or simply ‘mimicking biology’ has traversed a long way from macro-mimicking evident in the Eiffel Tower which was inspired by the thigh bone containing aligned crisscross fibers in layers, to mimicking of minute molecular systems. This paper is a peek at CSIR-NMLs journey in this field, from the laboratory to market, made possible by inputs from physics, materials science and biochemistry.
