

# REVIEW: ADVANCED APPLICATIONS OF BIOMEDICAL ENGINEERING

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## ABSTRACT

In this paper we have formulated the short review on Biomedical engineering its bifurcations and its applications. The area of biomedical engineering is advancement in approach that covers the whole canvas of living sciences, material, and phenomenal sciences with the technology. The biomedical engineering is concerned with the amalgamation of biology vast term, medical science with engineering. This field provides the platform of designing the bio machines and bio-equipments to serve man kind.

Bioinformatics is the interdisciplinary field for computing the information related to field of biology and genetics for further analysis and designing of the software related to it. The medical implication of instruments and machines designed by complex engineering is the practical grounds of functioning of biomedical engineering.

**Keywords-** Genetic Engineering, Biomechanics, Bionics, Biometrics. Clinical engineering, Neural engineering

