

# DEVELOPMENT OF BIOACTIVE GLASS COATING ON Ti AND ITS ALLOY BY THERMAL SPRAYING: AN OVERVIEW

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## ABSTRACTS

Implant modification by adding bioactive materials is favourable for the biomedical application of implants that have certain affirmative qualities. Bioactive glass has excellent biological and biocompatible properties that can promote bone replenishment. The mechanical characteristics are different from the human bone of the bioactive glass. Bioactive glass coating on the Ti alloy lowered the implant limitation. This paper discusses overviews of various methods and existing techniques for biological active glass coating, but focuses primarily on thermal spraying and plasma spraying, which are the best techniques for protecting against corrosion, wear, erosion and hard and dense layering.

**Keywords:** Biomaterials, Bioglass, plasma spraying

