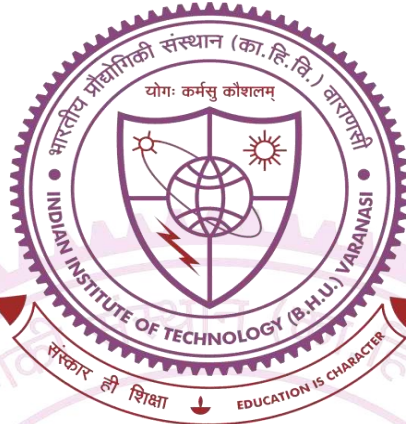


# **In Vitro Bioactivity and Physical - Mechanical Properties of substituted 1393 Bioactive Glasses**



**Thesis submitted in partial fulfilment  
for the Award of Degree**

**DOCTOR OF PHILOSOPHY**

in

**Ceramic Engineering**

by

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