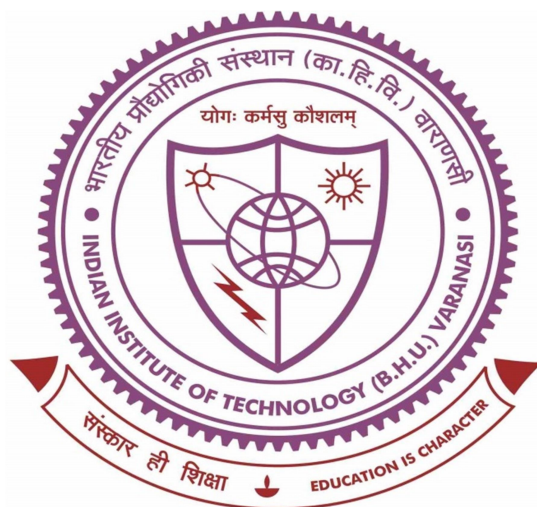


**TO STUDY THE EFFECT OF BUBBLE PROPERTIES ON GAS LIQUID
MASS TRANSFER IN BUBBLE COLUMN**



Thesis submitted in partial fulfilment

for the Award of Degree

Doctor of Philosophy

by

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