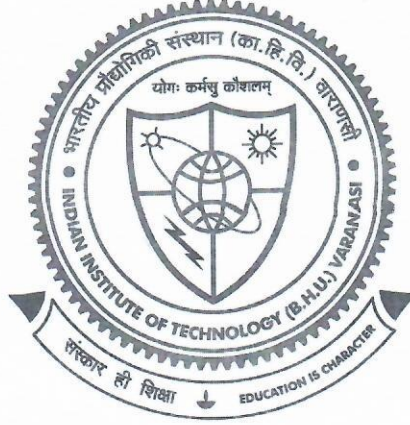


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**SOME INVESTIGATIONS INVOLVING NON-LINEAR  
WAVE PROPAGATION PHENOMENON IN GAS  
DYNAMICS**



*The thesis submitted in partial fulfillment  
for the Award of Degree*

**DOCTOR OF PHILOSOPHY**

*by*

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