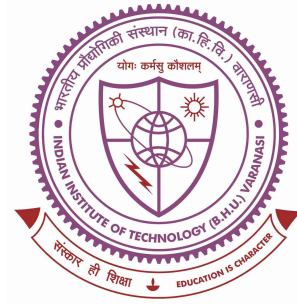


**ON  $Q$ -TOPOLOGICAL SPACES, FUZZY  
CLOSURE SPACES AND THEIR SIERPINSKI  
OBJECTS**



**Thesis submitted in partial fulfillment  
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