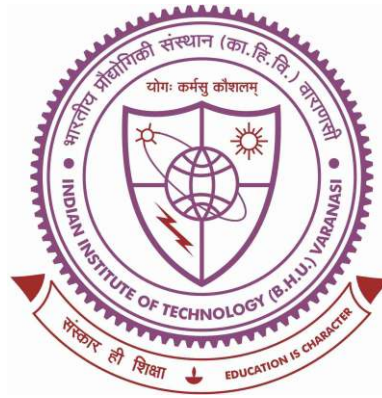


**DESIGN AND ANALYSIS OF NOVEL HIP IMPLANTS DRIVEN BY SHAPE  
MEMORY ALLOY AND STUDY THE EFFECT OF ECCENTRIC SCREW  
ON VASCULAR INJURY DURING TOTAL HIP REPLACEMENT**



**THESIS SUBMITTED FOR THE DEGREE OF**

**Doctor of Philosophy**  
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