



**TRIBHUVAN UNIVERSITY  
INSTITUTE OF ENGINEERING  
PULCHOWK CAMPUS**

**THESIS NO: 071MSCS659**

**“DEEP SPIKING NEURAL NETWORK FOR MITOSIS DETECTION IN  
CANCER HISTOLOGY IMAGES”**

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PITAMBAR JHA**

**SUBMITTED TO THE DEPARTMENT OF ELECTRONICS AND  
COMPUTER ENGINEERING IN PARTIAL FULFILLMENT OF THE  
REQUIREMENTS FOR THE DEGREE OF MASTER OF SCIENCE IN  
COMPUTER SYSTEM AND KNOWLEDGE ENGINEERING**

**DEPARTMENT OF ELECTRONICS AND COMPUTER ENGINEERING**

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