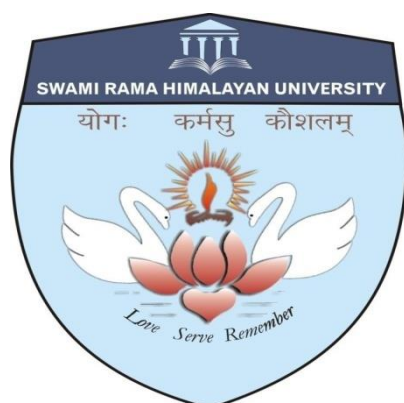


**“ISOLATION, IDENTIFICATION AND DRUG  
RESISTANCE TESTING OF GRAM-NEGATIVE  
BACILLI AT A TERTIARY-CARE HOSPITAL  
WITH SPECIAL EMPHASIS ON THE  
PHENOTYPIC AND GENOTYPIC  
CHARACTERIZATION OF CARBAPENEM  
RESISTANCE”**



**Thesis Submitted In Partial Fulfillment of The Award  
of Degree of Doctor of Philosophy  
In The Faculty of Medicine**

**SUBMITTED BY**

**CO-SUPERVISOR**

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**2017**