



**ISOLATION AND IDENTIFICATION OF EXTENDED SPECTRUM  
BETA-LACTAMASE (ESBL) ENZYME PRODUCING *E. COLI* FROM  
URINE SAMPLE.**

**A DISSERTATION SUBMITTED BY**

**MEGHANA B C**

**REG. NO: MB119113**



**TO THE UNIVERSITY OF MYSORE  
IN PARTIAL FULFILLMENT OF THE REQUIREMENTS  
FOR THE DEGREE OF  
MASTER OF SCIENCE IN MICROBIOLOGY**



**UNIVERSITY OF MYSORE**  
**DEPARTMENT OF STUDIES IN MICROBIOLOGY**  
**MANASAGANGOTRI, MYSORE-570006**

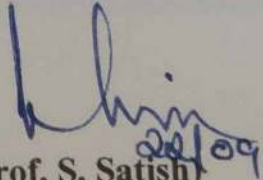
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**CERTIFICATE**

This is to certify that the dissertation work entitled “**Isolation and Identification of Extended Spectrum Beta-Lactamase enzyme producing *E.coli* from urine sample**” is submitted by **Meghana B C** in the partial fulfillment of the requirements for the degree of **Master of Science in Microbiology**, to the **University of Mysore, Manasagangotri, Mysore** for the academic year 2020-2021.

DATE: 22/09/21

  
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CERTIFICATE

This is to certify that the dissertation work entitle "Isolation and Identification of Extended Spectrum Beta-Lactamase enzyme producing *E.coli* from urine sample" is submitted to the Department of Studies in Microbiology, University of Mysore, Mysore. In the partial fulfillment for the award of Master of Science in Microbiology to the University of Mysore, Manasagangothri, Mysuru done by Ms. Meghana B C, under my guidance and supervision at Department of Neuromicrobiology, NIMHANS, Bangalore, during 24<sup>th</sup> March to 25<sup>th</sup> May 2021.

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