



ISOLATION AND IDENTIFICATION OF EXTENDED SPECTRUM
BETA-LACTAMASE(ESBL) PRODUCING *Klebsiella pneumoniae* FROM
URINE SAMPLE

A DESSERTATION SUBMITTED BY
YASHWANTH D
REG. NO: MB119134

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

UNDER THE GUIDANCE OF
DR. S. NAGARATHNA
PROFESSOR AND HEAD,
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2021





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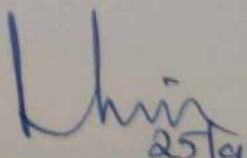
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CERTIFICATE

This is to certify that the dissertation work entitled "**Isolation and identification of extended spectrum beta-lactamase (ESBL) producing *Klebsiella pneumoniae* from urine sample**" is submitted to the **Department of Studies in Microbiology, University of Mysore, Mysore**, in the partial fulfilment for the award of **Master of Science in Microbiology** is a record of bonafide research work carried out by **Mr. Yashwanth D** under the guidance of **Dr.NAGARATHNA. S**, Professor and Head of the Neuromicrobiology department, NIMHANS, Bengaluru, during 25th March to 24th May 2021.

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25/9
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This is to certify that the dissertation work entitled “**Isolation and identification of extended spectrum beta-lactamase (ESBL) producing *Klebsiella pneumoniae* from urine sample**” is submitted to the Department of Microbiology, University of Mysore, in the partial fulfilment for the award of Master of Science in Microbiology is a record of bonafide research work carried out by **Mr. YASHWANTH. D** under my guidance and supervision at Department of Neuromicrobiology, NIMHANS, Bengaluru, during 25th March to 24th May 2021.

Valued



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