

“A study on isolation and identification of *Pseudomonas aeruginosa* from clinical isolates, antimicrobial profiling its correlation with biofilm formation at tertiary care hospital in South India”

Dissertation submitted in partial fulfilment of the requirement of the requirement for the award of the degree of

MASTER OF SCIENCE IN BIOTECHNOLOGY

Submitted to

**Department of Studies in Biotechnology
University of Mysore**

Submitted by

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Reg.No. P01ZZ21S0401
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**Under the Research Supervision of
External supervisor**

**Dr. H B VEENA KUMARI Professor and Head
Department of Neuromicrobiology
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Internal Guide

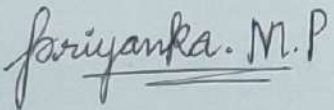
**Dr.K.Ramachandra Kini, Professor
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August 2023

DECLARATION

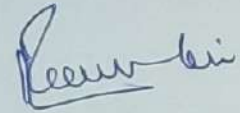
I, PRIYANK MP, hereby declare that this study was carried out by me at National Institute of Mental Health and Neuro Sciences (NIMHANS), Bengaluru, under the guidance of **Dr. H B Veena kumari** HOD, Department of Neuromicrobiology, NIMHANS, Bengaluru .

I also declare that the subject of this dissertation titled "**A study on isolation and identification of *Pseudomonas aeruginosa* from clinical isolates, antimicrobial profiling and its correlation with biofilm formation at tertiary care hospital in South India**" has not previously formed the basis for the award of any degree, diploma, associate ship, fellowship or other similar titles.



Signature of the student

Place: Bengaluru
Date: August 2023



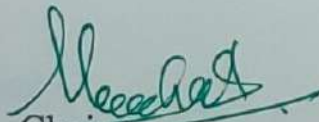
Professor

Dr.K.Ramachandra Kini

Internal Guide

Dr. K. RAMACHANDRA KINI
Professor

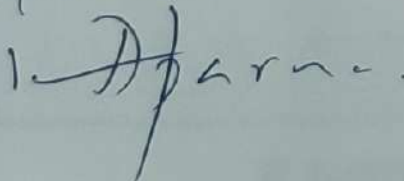
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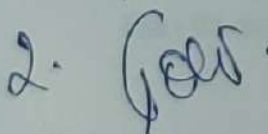

Chairman

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Examiners

1.  H.S.
1.9.23

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