



**CLONAL VARIATION STUDIES WITH RESPECT TO ANIMAL
MASTITIS CAUSING *Staphylococcus aureus* OVER SIMULATED
ABIOTIC STRESS CONDITION**

A DISSERTATION SUBMITTED BY

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Registration Number: MB119108



**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. PADMAJA R J

COFOUNDER AND CEO OF,

BIOPROBE LAB

2021



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This is to certify that the dissertation work entitled “**Clonal variation studies with respect to animal mastitis causing *Staphylococcus aureus* over simulated Abiotic stress condition**” 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** is a record of bonafide research work carried out by **Ms. Chandrala J C** under the guidance of **Dr. Padmaja R J**, cofounder and CEO of Bioprobe lab, during 1st April to 31st May 2021.

DATE: 25/09/21

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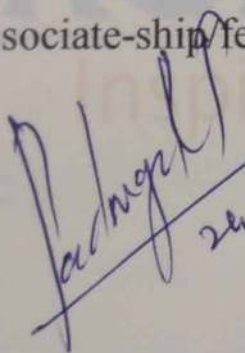
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CERTIFICATE

This is to certify that the project entitled "Clonal variation studies with respect to animal mastitis causing *Staphylococcus aureus* over simulated abiotic stress condition" submitted in partial fulfillment of the requirement for the award of the degree of master of science in microbiology to the university of Mysore, Manasagangotri, Mysore done by **Ms. Chandrala J C**, registration number MB119108 is an authentic work carried out by her at Bioprobe private limited Mysore Karnataka under my guidance and supervision during the period of march 2021- May 2021. The matter embodied in this dissertation has not formed the basis for award of any degree/diploma/associate-ship/fellowship to the best of my knowledge and belief.

Signature of the guide:


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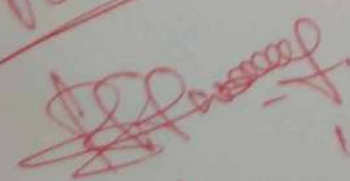
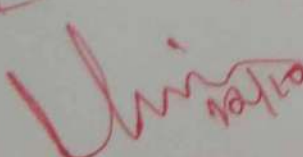
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