



**CHARACTERIZATION AND EVALUATION OF CELL-FREE SUPERNATANT OF LACTIC ACID BACTERIA FOR THEIR CYTOTOXIC POTENTIAL**

A Dissertation submitted to the Department of Studies in Microbiology,  
University of Mysore, Manasagangothri, Mysore. In partial fulfilment of the  
requirement for the award of the degree

**MASTER OF SCIENCE  
IN  
MICROBIOLOGY**

BY  
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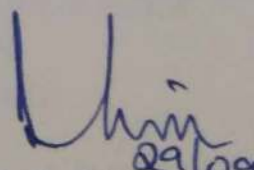
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## CERTIFICATE

This is to certify that the dissertation work entitled **CHARACTERIZATION AND EVALUATION OF CELL-FREE SUPERNATANT OF LACTIC ACID BACTERIA FOR THEIR CYTOTOXIC POTENTIAL** 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. Rachana B Urs** under the guidance of Dr. Sindhu R (Assistant Professor, Department of Microbiology, Faculty of Life Sciences, JSS-Academy of Higher Education and Research) and Dr. Subba Rao M.V.S.S.T (Professor at CEMR, JSS medical college)

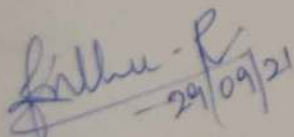
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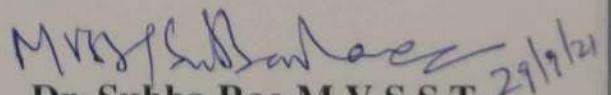
  
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