

UNIVERSITY OF MYSORE

**GENE EXPRESSION ANALYSIS OF DEFENCE RELATED GENES IN  
TOMATO PLANTS AFTER INOCULATION WITH *FUSARIUM  
OXYSPORUM* F. SP. *LYCOPERSICI***

Dissertation submitted to the  
DEPARTMENT OF STUDIES IN BIOTECHNOLOGY  
UNIVERSITY OF MYSORE

In partial fulfilment of the requirements for the award of the degree of  
**MASTER OF SCIENCE IN BIOTECHNOLOGY**

Submitted by

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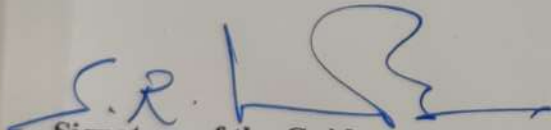
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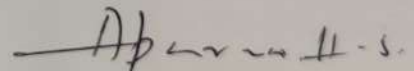
CERTIFICATE

This is to certify that the dissertation project work entitled “Gene expression analysis of defence related genes in tomato plants after inoculation with *Fusarium oxysporum* F. sp. *lycopersici*” submitted to the Department of Studies in Biotechnology, University of Mysore, Manasagangotri, Mysore – 570 006, in partial fulfilment of the requirements for the award of the degree of Masters of Science in Biotechnology, is a record of the original work carried out by Ms. ZAINAB BI, under my guidance and supervision at the Department of Studies in Biotechnology, for the duration of April to September 2021.



Signature of the Guide

(Prof. S. R. NIRANJANA)



Signature of the Chairman

(Prof. H.S. APARNA )  
Chairman

Department of Studies in Biotechnology  
University of Mysore, Manasagangotri  
Mysuru - 570 006

Place: Mysuru

Date:

Valued  
1) [Signature]  
2) Govt. 8/10/21