



**Induction of Systemic Resistance in Tomato against Early  
Blight caused by *Alternaria solani***

A DISSERTATION SUBMITTED BY

**PUNYASHREE S**

Registration Number: MB119122

**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. CHANDRA NAYAK  
PROFESSOR AND OFFICER INCHARGE - ICAR  
AICRP – MYSORE CENTRE**



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### CERTIFICATE

This is to certify that the dissertation work entitled “**Induction of Systemic Resistance in Tomato against Early Blight caused by *Alternaria solani***” 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. Punyashree S** under the guidance of **Dr. S. CHANDRA NAYAK** Professor and Officer in charge ICAR (AICRP MYSORE CENTRE), University of Mysore, Manasagangothri, Mysore, India from April 1<sup>st</sup> to May 31<sup>st</sup> 2021.

DATE: 20/9/21

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This is to certify that 'Ms. Punyashree S' has successfully completed the project work entitled "Induction of systemic resistant in tomato against early blight caused by *Alternaria Solani*" under the short term training program held from April to May 31<sup>st</sup>, under the supervision Dr. S. Chandra Nayak at Institute of Excellence, Vijnana Bhavan, University of Mysore, Manasagangotri, Mysuru.

Place: MYSORE

Date: 20/09/2021

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