

Project Entitled
Green Synthesis of Silver nanoformulation using
***Citrus sinensis* for Fabrication of Chitosan-silver**
Bio-nanocomposite film and its Application in
Food packaging

A DISSERTATION SUBMITTED TO THE
DEPARTMENT OF STUDIES IN BIOTECHNOLOGY
UNIVERSITY OF MYSORE

In partial fulfillment of the requirement for the award of the degree
of
MASTER OF SCIENCE
IN
BIOTECHNOLOGY

Submitted by
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Reg. No.: BT119135

Work carried out under the guidance of
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October- 2021



UNIVERSITY OF MYSORE
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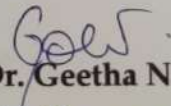
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CERTIFICATE

This is to certify that the project work entitled "**Green synthesis of silver nanoformulation using *Citrus sinensis* for fabrication of chitosan-silver bio-nanocomposite film and its application in food packaging**" to be submitted to the University of Mysore, Manasagangotri, Mysuru, for the partial fulfillment of the award of the degree of Master of Science in Biotechnology is a record of original research work carried out by **Ms. S. Pushpa Shetty**, under my guidance and supervision at the Department of Studies in Biotechnology, University of Mysore, Manasagangotri, Mysuru, during March-October, 2021.


Dr. Geetha N.

Dr. Geetha N. M.Sc., M.Phil., Ph.D., Post Doc
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Place: Mysuru

Date: 8-10-2021

DECLARATION

I, Ms. S. Pushpa Shetty, hereby declare that dissertation entitled "Green synthesis of silver nanoformulation using *Citrus sinensis* for fabrication of chitosan-silver bio-nanocomposite film and its application in food packaging" carried out by me during the period of March 2021 to October 2021, submitted to the Department of Studies in Biotechnology, Manasagangotri, Mysuru - 570006 for the partial fulfillment of the requirement for the award of *Master of Science in Biotechnology*. This is the record of the original work carried out by me, under the guidance of Dr. Geetha N, Associate Professor, DOS in Biotechnology, University of Mysore. I, further declare that the results of the work have not been previously submitted for the award of any degree or diploma in other university.

S. Pushpa

S. Pushpa Shetty

Place: Mysuru

Date: 8-10-2021

Aparna. H. S.

Chairperson

Chairman
Department of Studies in Biotechnology
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Mysuru - 570 006

Valued

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2/10
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