

***“In silico Evaluation of Chitosan and Its Derivatives
against Proteins of Pathogens infecting Mulberry
Silkworm (*Bombyx mori* L.)”***

Dissertation work submitted in partial fulfilment of the requirement for award for the degree in

MASTER OF SCIENCE IN BIOTECHNOLOGY

Submitted to

Department of Studies in Biotechnology

University of Mysore

Submitted by

KEERTHANA R

Reg. No. - P01ZZ21S0370

IV Semester, M.Sc. Biotechnology

Under the Research Supervision of

External Supervisor

Dr. Madhusudhan K N, Scientist-D

Molecular Biology and Bioinformatics laboratory



Central Sericulture Research and Training Institute
(Central Silk Board, Ministry of Textiles, Govt. of India
Srirampura, Mysuru-570008)

Internal Supervisor

Dr. Geetha.N, Professor

Department of Studies in Biotechnology

University of Mysore, Manasagangotri,

Mysore



Silkworm Molecular Biology Laboratory,
Central Sericulture Research and Training Institute,
Central silk Board, Ministry of textiles, Govt. of India.

CERTIFICATE

This is to certify that the Project work entitled “**In-silico Evaluation of Chitosan and Its Derivatives against Proteins of Pathogens infecting Mulberry Silkworm (*Bombyx mori L.*)**” was carried out by **Ms. KEERTHANA R.**, Student of Master of Science in Biotechnology, University of Mysore, Manasagangothri, Mysore under my guidance and supervision at Central Sericulture Research and Training Institute, Mysore. This work was carried out by her in partial fulfilment of the requirements for the award of Master of Science in Biotechnology.

Madhusudhan K.N. 29/8/23

(DR. MADHUSUDHAN.K.N.)

Scientist-D

(Research Supervisor)