

**EVALUATION OF TITANIUM DIOXIDE NANO-MATERIAL FOR ITS  
TOXICITY AND INFLUENCE ON GROWTH AND COMMERCIAL TRAITS  
OF THE SILKWORM, *BOMBYX MORI***

*A project work report submitted for the partial fulfillment of the degree of*

**Master of Science  
in  
Sericulture and Seri-biotechnology**

*Submitted by*

**Ms. BIJAYALAXMI SARUNGBAM (P01ZZ21S0382)**

**Ms. LALHMANGAIHTLUANGI (P01ZZ21S0375)**

*Under the guidance of*

**DR. H.B. MANJUNATHA**

**Professor**

**UNIVERSITY OF MYSORE  
DEPARTMENT OF STUDIES IN SERICULTURE SCIENCE  
MANASAGANGOTRI, MYSURU- 570006**

**2023**

**UNIVERSITY OF MYSORE**  
**DEPARTMENT OF STUDIES IN SERICULTURE SCIENCE**  
**MANASAGANGOTRI, MYSURU-06**

**CERTIFICATE**

This is to certify that the Project work entitled "Evaluation of Titanium dioxide Nano-material for its toxicity and influence on growth and commercial traits of the silkworm, *Bombyx mori*" has been carried out by Ms. Bijayalaxmi Sarungbam and Ms. **Lalmangaihtluangi** jointly under the supervision of Dr. H. B. MANJUNATHA, Professor, Department of Studies in Sericulture Science for the partial fulfillment of IV Semester M.Sc. degree in Sericulture and Seri-Biotechnology, University of Mysore, Mysuru.

We further certify that this project work report has not been submitted by them for the award of any other degree/ diploma of this or any other Universities.

  
Signature of the guide 10/10/2023

Dr. H.B. MANJUNATHA  
Professor  
Dept of Studies in Sericulture Science  
University of Mysore  
MYSORE-570 005

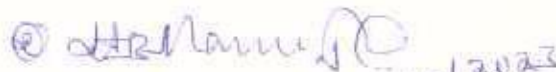
  
Signature of the Chairman 10/10/23

CHAIRMAN  
Dept of Studies in Sericulture Science  
University of Mysore  
Manasagangotri  
MYSURU-570006, INDIA

**VALUED**

Examiners:

  
11/10/2023

  
11/10/2023