

A

Dissertation

On

Study on the Anti-Diabetic Effect of Bitter Melon (*Momordica Charantia*) Fruits on Alloxan Induced Rats

Submitted To

Sanjivani Arts, Commerce and Science College, Kopergaon



Affiliated to

Savitribai Phule Pune University, Pune



In partial fulfilment of Master of Science

In

MICROBIOLOGY

Submitted By

Ms. KOTAME TRUPTI ARUN

Research Guide

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DEPARTMENT OF MICROBIOLOGY

SANJIVANI ARTS, COMMERCE AND SCIENCE COLLEGE,

KOPARGAON- 423603 (2022-2023)

Sanjivani Rural Education Society's

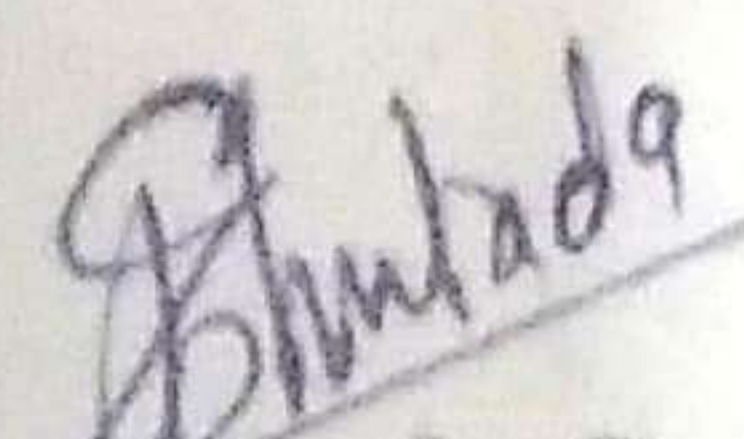
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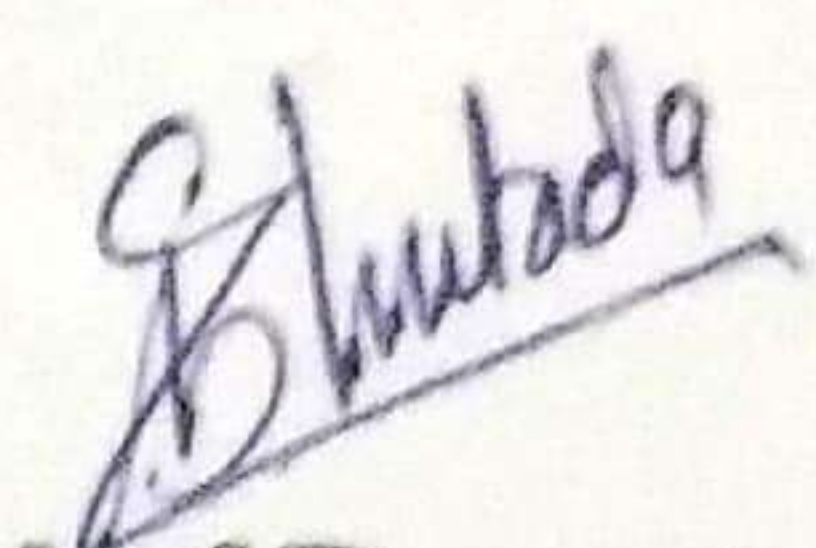


CERTIFICATE

This is to certify that **Ms. Trupti Arun Kotame** has successfully completed the project entitled "Study on the anti- diabetic effect of bitter melon (*Momordica charantia*) fruits on alloxan induced diabetic rats" in the academic year 2022-23 for the partial fulfilment of degree, Master of Science in Microbiology, Department of Microbiology, Sanjivani Arts, Commerce and Science College, Kopargaon under the guidance of **Dr. Bhutada S. A.** This is candidates own work.




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CERTIFICATE

This is to certify that **Ms. Arkas Supriya Pundlik and Mr. Bojage Vaibhav Nivrutti**, has successfully completed the project titled "**Synthesis of Iron Oxide Nanoparticles for Self-healing Bio-concrete by *Bacillus* species**" in the academic year 2022-23 for the partial fulfilment of degree, Masters in Microbiology, Department of Microbiology, Sanjivani College of Arts, Commerce, and Science, Kopargaon under the guidance of **Dr. S. A. Bhutada and Ms. J. S. Pawar**. This is candidates own work.

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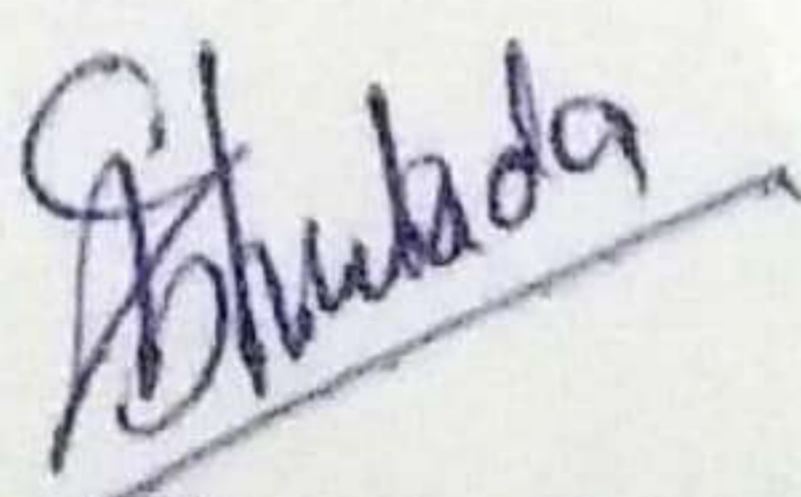


CERTIFICATE

This is to certify that **Ms. Pachpind Tanuja Sanjay**, has successfully completed the project titled "**Study of Phytochemicals and Antibacterial activity of *Cordia dichotoma***" in the academic year 2022-23 for the partial fulfilment of degree, Masters in Microbiology, Department of Microbiology, Sanjivani College of Arts, Commerce, and Science, Kopargaon under the guidance of **Dr. S. A. Bhutada**. This is candidates own work.




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