

**Green Synthesis of Silver Nanoparticles from
Aqueous Leaf Extract of *Alternanthera pungens* and
its Antibacterial Activity**

The project report submitted to the University of Mysore for the
partial fulfilment of the Degree of

Master of Science in Botany

Submitted by

G. RENUKA CHOWDARY

Reg. no: P01ZZ21S0787

Under the Guidance of

Dr. RAJKUMAR H. GARAMPALLI

M.Sc., M.Phil., Ph.D.

Professor

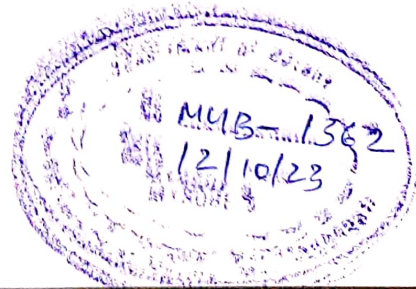
Department of Studies in Botany

University of Mysore,

Manasagangotri

Mysuru-570006

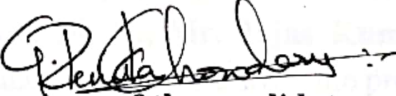
2023



CERTIFICATE

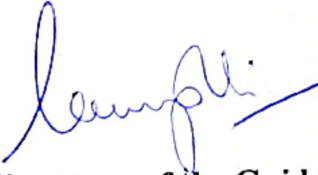
I, G. RENUKA CHOWDARY certify that this project report entitled "Green Synthesis of Silver Nanoparticles from Leaf Extract of *Alternanthera pungens* and its Antibacterial Activity" is done by me under the guidance of Dr. RAJKUMAR H. GARAMPALLI Professor, Department of Studies in Botany, University of Mysore, Manasagangotri, Mysuru-570006. I am submitting this project report for the partial fulfilment of the Degree of Master of Science in Botany of the University of Mysore.

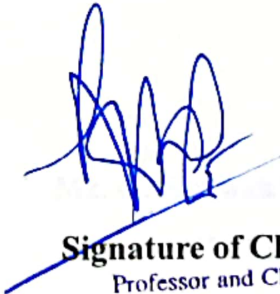
I further certify that this project report or any part of it has not been submitted for award of Degree in any other University.



Signature of the candidate

Date: 03, Oct, 2023

Register number: P01ZZ21S0787


Signature of the Guide
Dr. RAJKUMAR H. GARAMPALLI
M.Sc., M.Phil., Ph.D.
Professor
Department of Studies in Botany
University of Mysore, Manasagangotri
MYSURU-570 006, Karnataka, India


Signature of Chairperson
Professor and Chairman
Department of Studies in Botany
University of Mysore
Manasagangotri, Mysore - 570 006

Valued by
1. 
(Rudra Jogirah)