

**UNIVERSITY OF MYSORE**  
**DEPARTMENT OF STUDIES IN BIOTECHNOLOGY**  
**GREEN SYNTHESIS OF MAGNETITE NANOPARTICLES**  
**AND EVALUATION OF BIOLOGICAL ACTIVITY OF**  
*Calotropis procera*

**DISSERTATION WORK SUBMITTED**  
**IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE AWARD**  
**OF THE DEGREE OF**  
**MASTER OF SCIENCE**  
**IN**  
**BIOTECHNOLOGY**

SUBMITTED BY  
**ANSHIKA UPADHYAY**  
REG.NO : P01ZZ21S1103

WORK CARRIED OUT UNDER THE GUIDANCE OF

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## CERTIFICATE

This is to certify that the project work entitled "**GREEN SYNTHESIS OF MAGNETITE NANOPARTICLES AND EVALUATION OF BIOLOGICAL ACTIVITY OF *Calotropis procera***" 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. ANSHIKA UPADHYAY**, under my guidance and supervision at the Department of Studies in Biotechnology, University of Mysore, Manasagangotri, Mysuru, during May- August, 2023.

  
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**Date:** 29<sup>th</sup> August 2023

**Place:** Mysuru

**Examiners:**

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