

**“STUDIES ON PRELIMINARY PHYTOCHEMICAL  
ANALYSIS AND HISTOCHEMICAL TESTS OF  
*Basella alba* L., *Basella rubra* L., and *Talinum  
fruticosum* (L). Juss.”**

**The dissertation submitted to the University of Mysore  
for the Partial fulfilment of the Degree**

**Master of Science in Botany**

**Submitted**

**By**

**Chethana S.**

**Reg No: BO119211**

Under the guidance of,

Dr. Leelavathi S. M. Sc., M. Phil, Ph. D.

Department of studies in Botany

Manasagangotri, U.O.M.

Mysore-570006

2021

# Certificate

I, Chethana S, certify that this project work entitled "**Phytochemical tests and Histochemical tests of Basella alba L., Basella rubra L. and Talinum fruticosum (L.) Juss.**, submitted by me, to the university of Mysore in partial fulfilment of the degree of Master of Science in Botany is the work carried out by me under the guidance of Dr. Leelavathi S., Professor, Department of studies in Botany, University of Mysore, Manasagangothri, Mysore-570006, during the academic year 2020-2021

I, further certify that the results presented here have not been previously submitted for any other degree or Diploma either in this or in any other University.

*Chethana S*

Signature of the candidate

Reg no: BO119211

*Sl 30/9/21*  
Signature of the Guide

Date: 30/09/2021  
*Dr. Leelavathi S.*  
M.Phil., Ph.D.  
Department of Botany  
Manasagangothri, Mysore-8

*Sl 13/10/21*



Countersigned by

*MSSH 30/09/21*  
Signature of Chairperson  
Professor and Chairperson,  
Department of Studies in Botany,  
University of Mysore  
Manasagangothri, Mysore-570006

*Valueed*

1. *(Dr. Sudipta Sengupta)* 13/10/2021

Institution name and Seal