

---

**Callus Induction, Antioxidant Activity and Histochemical  
Analysis of an Endemic species of Western Ghats - *Justicia  
wynaadensis* (NEES)T.ANDERS**

The Project Report Submitted to the University of Mysore for the partial fulfillment of the  
degree of

**Master of Science in Botany**

Submitted by,

**DEEPTHI A RAI**

**B0119212**

Under the Guidance of,

**DR. SHOBHA JAGANNATH**

Professor, Department of Studies in Botany

Manasagangotri, UOM

Mysuru- 570006

October 2021

## CERTIFICATE

I, DEEPTHI A RAI certify that this project work entitled “**Antioxidant Activity and Histochemical Analysis of an Endemic species of Western Ghats - *Justicia wynaadensis*(NEES)T.ANDERS**”, submitted by me to the Department of Studies in Botany, University of Mysore in fulfillment of the degree of Master of Science in Botany is the work carried out by me under the guidance of Dr. Shobha Jagannath, Department of Studies in Botany, University of Mysore, Manasagangotri, Mysuru-570006, during the academic year 2020-21.

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

*Deepthi A Rai*

**Signature of the Candidate**

**Reg No: BO119212**

*Shobha Jagannath* 30/9/21  
**Signature of Guide**

**Dr. Shobha Jagannath M.Sc., Ph.D**  
Professor  
Department of Studies in Botany  
University of Mysore,  
Manasagangotri, Mysuru-570 006

**Date: 13/10/21**

**Place: Mysuru**

**DOS in Botany**

1) *[Signature]* 13/10/21

2) *Shobha Jagannath* 13/10/21

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

