

**PRELIMINARY STUDIES ON  
PHYTOCHEMICAL ANALYSIS,  
ANTIOXIDANT PROPERTIES AND  
STUDY OF CELL LINE PROPERTIES OF**  
*Trachyspermum ammi L.,*  
*Trachyspermum roxburghianum DC.,*  
*Cuminum cyminum L. AND Nigella sativa L.*

By

**SREENANDA DHAR**

**Reg. No.: BO118255**

*Sreenanda*  
*01/10/2020*

CERTIFICATE

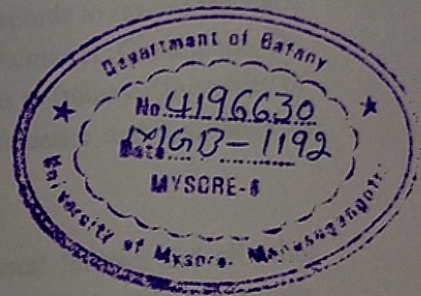
I, Ms. Sreenanda Dhar, certify that this project report entitled studies on "Preliminary studies on Phytochemical analysis, Antioxidant Properties, Antimicrobial Properties and Study of Cell Line properties of *Trachyspermum ammi* L., *Trachyspermum roxburghianum* L., *Cuminum cyminum* L. and *Nigella sativa* L." is done by me under the supervision of Dr. Leelavathi S. Professor, Department of studies in Botany, University of Mysore - 06, 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 any other University.

Sreenanda Dhar

Signature of Candidate

Reg. No.: BO118255



Signature of Chairperson  
Department of Botany  
M.Phil., Ph.D.

Dr. Leelavathi

Counter signed by

Signature of the Chairperson  
11/10/20

Signature of the Chairperson

Signature of the Chairperson  
11/10/2020

Institution name and office seal  
Professor and Chairperson  
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