

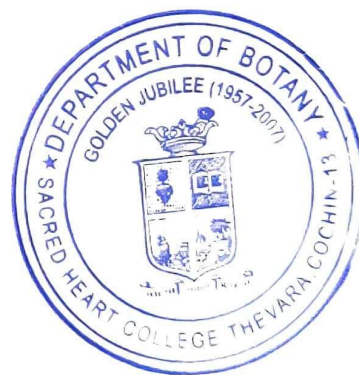
PLANT ANATOMICAL STUDY AND FTIR SPECTROSCOPIC ANALYSIS OF SELECTED SPECIES OF THE GENUS *LINDERNIA*

*Dissertation Submitted to
Mahatma Gandhi University, Kottayam
In partial fulfilment of the
Degree of Master of Science in Botany*

Submitted By

ASISH P J

Register No: 17PBOT1767



Valued,
Prof. Dr. J. J. J.
4/6/19
4/6/19
2.



SACRED
HEART
COLLEGE
Autonomous



SACRED HEART COLLEGE (AUTONOMOUS), THEVARA
POST GRADUATE AND RESEARCH DEPARTMENT OF BOTANY
2017 - 2019

Department of Botany
Sacred Heart College
Thevara
Ernakulam, 682013.

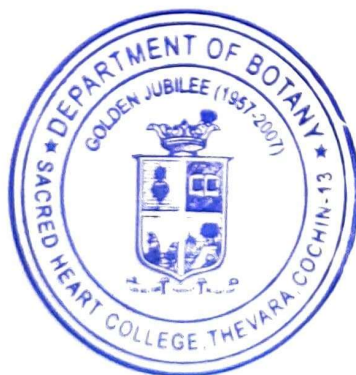


CERTIFICATE

This is to certify that the dissertation *entitled* "**Plant anatomical study and FTIR spectroscopic analysis of selected species of the genus *Lindernia***" is a bonafide record of project work carried out by Asish P J of IVth Semester M.Sc. Botany, Sacred Heart College, Thevara, Ernakulam, under the supervision and guidance of **Prof. Kiran George Koshy, Assistant Professor, Department of Botany, Sacred Heart College, Thevara.** No part of the work embedded in this dissertation has been submitted earlier for the award of any other degree.

Place: Thevara

Date: 3/6/2019



Fr. Dr. Jose John

Head of the Department

Department of Botany

Sacred Heart College

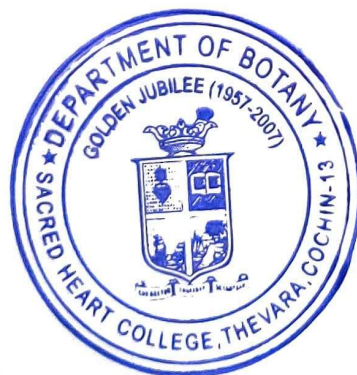
Dr. (Fr.) Jose John M.Sc., Ph.D., M.Ed., PGDCA
Head of the Department of Botany
Sacred Heart College (Autonomous)
Thevara, Cochin-682 013

CERTIFICATE

This is to certify that the project work entitled “**Plant anatomical study and FTIR spectroscopic analysis of selected species of the genus *Lindernia***” is done by Asish P J of IVth Semester M.Sc. Botany, Sacred Heart College, Thevara, Ernakulam, under my supervision and guidance. No part of the work embedded in this dissertation has been submitted earlier for the award of any other degree.

Place: Thevara

Date: 3/6/2019



Prof. Kiran George Koshy
Assistant Professor
Department of Botany
Sacred Heart College

Urkund Analysis Result

Analysed Document:	NEW5.docx (D53168914)
Submitted:	5/30/2019 8:27:00 AM
Submitted By:	sanjojose@gmail.com
Significance:	5 %

Sources included in the report:

<https://pdfs.semanticscholar.org/9157/26fe726d3ffaba9e0c284b82c572bdb0804c.pdf>
https://www.imclips.net/pankaj-oudhia/q_MsHsrTDa0.html
<https://florabase.dpaw.wa.gov.au/search/advanced?id=13684>

Instances where selected sources appear: