

EFFECT OF SUBSTITUTION ON STRUCTURE, ABSORPTION AND EMISSION PROPERTIES OF ORGANOBORON DYES

A project report submitted for

Partial fulfilment of the requirement for the award of degree of

MASTER OF SCIENCE IN CHEMISTRY

Submitted by

P.EBCIBA DENIYAL

[Reg. No. 2019MSCC10]



FATIMA COLLEGE (AUTONOMOUS)

Re-Accredited with 'A' Grade by NAAC (3rd Cycle)

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Mary Land,

MADURAI -625 018

Under the External guidance of

Dr.G.SIVARAMAN



ASSISTANT PROFESSOR,

DEPARTMENT OF CHEMISTRY

GANDHIGRAM RURAL INSTITUTE

DINDIGUL-624 302

APRIL -2021

BONAFIDE CERTIFICATE

This is to certify that the project report “**Effect of substitution on structure, Absorption and Emission Properties of Organoboron dyes**” was carried out by **Ms. P.EBCIBA DENIYAL** (Reg. No. 2019MSCC10), under the guidance of **Dr.G.SIVARAMAN** and submitted to Department of Chemistry, **FATIMA COLLEGE (AUTONOMOUS), MADURAI**, in a partial fulfillment of the requirements for the award of the Degree of **MASTER OF SCIENCE** in Chemistry, during the academic year 2020-2021.



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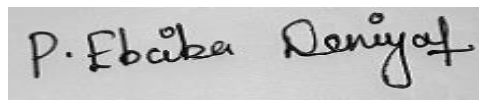
Head of the Department,

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EXTERNAL EXAMINER

DECLARATION

I hereby declare that this project work entitled “**Effect of substitution on structure, Absorption and Emission Properties of Organoboron dyes**” has been originally carried out by me in Gandhigram Rural Institute laboratory during the academic year 2020-2021, under the guidance of, **Dr.G.Sivaraman** Assistant Professor, Department of Chemistry Gandhigram Rural Institute Dindigul. and this work or any part of this has not been submitted elsewhere for any other degree.

A handwritten signature in black ink on a light gray background. The signature reads "P. Ebciba Deniyal" in a cursive script.

Place: Madurai

Signature of the Candidate

Date: 20.04.2021

(P.EBCIBA DENIYAL)