

**BLEND POLYMER ELECTROLYTE BASED ON POLYVINYL
ALCOHOL (PVA) AND NELUMBO NUCIFERA (LOTUS LEAF
POWDER) WITH SODIUM THIOCYANATE**

A Project work Submitted to

FATIMA COLLEGE (AUTONOMOUS)

(Affiliated to MADURAI KAMARAJ UNIVERSITY, Madurai)

To partial fulfillment of the requirements for the award of the degree

MASTER OF SCIENCE IN PHYSICS

Submitted by

A.JOSIBA AROCKIA PAVITHRA (Reg.No.2019MSCP11)

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FATIMA COLLEGE (AUTONOMOUS)

(RE-ACCREDITED WITH 'A' GRADE BY NAAC)

(74th Rank in India Ranking 2020 (NIRF) by MHRD)

Mary Land

MADURAI – 625 018

MARCH-2021



BONAFIDE CERTIFICATE


This is certify that this project work entitled "BLEND POLYMER ELECTROLYTE BASED ON POLYVINYL ALCOHOL (PVA) AND NELUMBO NUCIFERA (LOTUS LEAF POWDER) WITHSODIUM THIOCYANATE "submitted in partial fulfilment of the requirements for the Degree of Master of Science in Physics , is a bonafide record of the work done by A.JOSIBA AROCKIA PAVITHRA under the guidance of **Dr. M.V.Leena Chandhra, M.sc., M.phil.,Ph.D.,** Associate Professor, Research centre of physics, Fatima College,(Autonomous), Madurai and **Dr.S.SelvasekaraPandiyan, Director materials Research center(Madurai branch) Madurai** during 2020-2021.


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DECLARATION

I hereby declare that the project report entitled “ **BLEND POLYMER ELECTROLYTE BASED ON POLYVINYL ALCOHOL (PVA) AND NELUMBO NUCIFERA (LOTUS LEAF POWDER) WITH SODIUM THIOCYANATE**” submitted by me to Fatima college (Autonomous), Madurai-625018 for the award of the Degree of Master of Science in Physics is the record of original project work carried out in the Materials Research centre, Coimbatore under the supervision of Dr. M.V.Leena Chandhra, M.sc., M.phil.,Ph.D., Associate Professor, Research centre of physics, Fatima College,(Autonomous), Madurai and Dr.S.SelvasekaraPandiyan, Director materials Research center(Madurai branch) Madurai and has formed the basis award of any other degree.

Place: Madurai

Date: 30.3.2021

A. Josiba Arockia Pavithra

A. JOSIBA AROCKIA PAVITHRA

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