

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

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

P.PREMIGA (REG.NO.2019MSCP19)

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FATIMA COLLEGE (AUTONOMOUS)

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

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

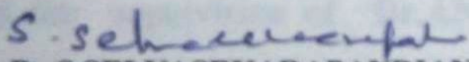
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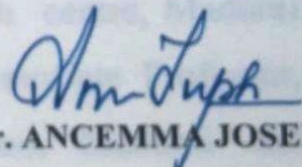
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BONAFIDE CERTIFICATE

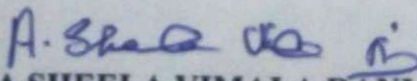
This is to certify that this project work entitled "**BLEND POLYMER ELECTROLYTE BASED ON POLYVINYL ALCOHOL (PVA) AND NELUMBO NUCIFERA (LOTUS LEAF POWDER) WITH LITHIUM PERCHLORATE**" submitted in partial fulfilment of the requirements for the Degree of Master of Science in Physics, is a bonafide record of the work done by **P.PREMIGA** under the guidance of **Dr. ANCEMMA JOSEPH** Assistant Professor, Research centre of physics, Fatima College, (Autonomous), Madurai and **Dr.S.SELVASEKARAPANDIAN**, 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 LITHIUM PERCHLORATE** 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, Madurai under the supervision of **Dr.ANCEMMA JOSEPH** Associate Professor, Research centre of physics, Fatima College (Autonomous), Madurai and **Dr.S.SELVASEKARAPANDIAN**, Director, Materials Research center(Madurai branch) Madurai and has not submitted for any degree or diploma of Madurai Kamaraj University or any Institution.

Place: Madurai

Date: 27/03/2021

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