

**SYNTHESIS AND CHARACTERIZATION OF BIOPLASTIC FROM *AVENA SATIVA*
AND *ELEUSINE CORACANA***

A project submitted to

ST MARY'S COLLEGE (Autonomous), Thoothukudi

Affiliated to

Manonmaniam Sundaranar University,

Tirunelveli

In partial fulfilment of the award of the degree of

MASTER OF SCIENCE IN CHEMISTRY

Submitted by

M.AMIRTHA

Reg. No: 20SPCH01

Under the Supervision and Guidance of

Dr. J.Antony Rajam M.Sc.,M.Phil., SET., Ph.D.,



PG DEPARTMENT OF CHEMISTRY (SSC)


St. Mary's College (Autonomous),


Thoothukudi

May-2022

CERTIFICATE


This is to certify that this project work entitled "**SYNTHESIS AND CHARACTERIZATION OF BIOPLASTIC FROM AVENA SATIVA AND ELEUSINE CORACANA**" is submitted to **St. Mary's College (Autonomous)**, Thoothukudi affiliated to **Manonmaniam Sundaranar University**, Tirunelveli in partial fulfilment for the award of the **Degree of Master of Science in Chemistry** and this work done during the year 2021 - 2022 by **M.AMIRTHA (Reg. No: 20SPCH01)**


Signature of the Guide


Signature of the Coordinator


Signature of the Director
Director

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Thoothukudi - 628 001.


Signature of Principal

Principal
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Thoothukudi - 628 001.


Signature of the Examiner

**ECO FRIENDLY SYNTHESIS AND CHARACTERIZATION OF MESOPOROUS
SILICA NANOPARTICLES USING *Zea Mays* WASTE**

A project submitted to

ST MARY'S COLLEGE (Autonomous),

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In partial fulfilment of the award of the degree of

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Under the Supervision and Guidance of

Mrs.D.Carolin Jeniba Rachel M.Sc.,M.Phil.,SET.



PG DEPARTMENT OF CHEMISTRY (SSC)

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**GREEN SYNTHESIS OF CdS AND V DOPED CdS NANOPARTICLES USING
MONOON LONGIFOLIUM LEAF EXTRACT**

A project submitted to

ST MARY'S COLLEGE (Autonomous),

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In partial fulfilment of the award of the degree of

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**GREEN SYNTHESIS AND CHARACTERISATION OF COPPER OXIDE AND
TELLURIUM DOPED COPPER OXIDE NANOPARTICLES USING *BAUHINIA
PURPUREA* LEAF EXTRACT**

A project submitted to

ST MARY'S COLLEGE (Autonomous), Thoothukudi.

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In partial fulfilment of the award of the degree of

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May – 2022


CERTIFICATE


This is to certify that this project work entitled " **GREEN SYNTHESIS AND CHARACTERISATION OF COPPER OXIDE AND TELLURIUM DOPED COPPER OXIDE NANOPARTICLES USING *BAUHINIA PURPUREA* LEAF EXTRACT**" is submitted to **St. Mary's College (Autonomous), Thoothukudi** affiliated to **Manonmaniam Sundaranar University, Tirunelveli** in partial fulfilment for the award of the **Degree of Master of Science in Chemistry** and this work done during the year 2020 - 2021 by **V.MALINI (Reg. No: 20SPCH04)**.


Signature of the Guide 18/05/22


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Signature of the Examiner 24/05/22

SYNTHESIS OF PAPER PULP FROM AGRICULTURAL WASTES

USING SODA PULPING

A project submitted to

ST MARY'S COLLEGE (Autonomous), Thoothukudi

Affiliated to

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In partial fulfilment of the award of the degree of

MASTER OF SCIENCE IN CHEMISTRY

Submitted by

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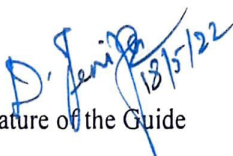
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Thoothukudi

MAY 2022

CERTIFICATE

This is to certify that this project work entitled " **SYNTHESIS OF PAPER PULP FROM AGRICULTURAL WASTES USING SODA PULPING**" is submitted to **St. Mary's College (Autonomous)**, Thoothukudi affiliated to **Manonmaniam Sundaranar University**, Tirunelveli in partial fulfilment for the award of the **Degree of Master of Science in Chemistry** and this work done during the year 2021 - 2022 by **S. MAREESWARI (Reg. No: 20SPCH05)**


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**FABRICATION AND CHARACTERIZATION OF MANIHOT ESCULENTA AND
ELEUSINE CORACANA STARCH-BASED BIOPLASTICS PLASTICIZED WITH
GLYCEROL**

A project submitted to

ST MARY'S COLLEGE (Autonomous), Thoothukudi

Affiliated to

Manonmaniam Sundaranar University,

Tirunelveli

In partial fulfilment of the award of the degree of

MASTER OF SCIENCE IN CHEMISTRY

Submitted by

A.SOWMIYA

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This is to certify that this project work entitled " FABRICATION AND CHARACTERIZATION OF MANIHOT ESCULENTA AND ELEUSINE CORACANA STARCH-BASED BIOPLASTICS PLASTICIZED WITH GLYCEROL" is submitted to St. Mary's College (Autonomous), Thoothukudi affiliated to Manonmaniam Sundaranar University, Tirunelveli in partial fulfillment for the award of the Degree of Master of Science in Chemistry and this work done during the year 2021 - 2022 by A.SOWMIYA (Reg. No: 20SPCH06)


Signature of the Guide

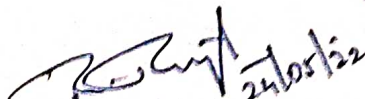

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**AN APPRAISAL STUDY OF AN ANTI DIABETIC MELLITUS USING
PHYTOCHEMICAL COMPOUNDS**

A project submitted to

St Mary's College (Autonomous), Thoothukudi

Affiliated to

Manonmaniam Sundaranar University,

Tirunelveli

In partial fulfillment of the award of the degree of

MASTER OF SCIENCE IN CHEMISTRY

Submitted by

M.R.SUBIDSHA SIVARANGINI

Reg. No: 20SPCH07

Under the Supervision and Guidance of

Dr. C. Zozimus Divya Lobo M.Sc., M.Phil., Ph.D.,



PG DEPARTMENT OF CHEMISTRY (SSC)

St. Mary's College (Autonomous),

Thoothukudi

May-2022

CERTIFICATE

This is to certify that this project work entitled " AN APPRAISAL STUDY OF AN ANTI DIABETIC MELLITUS USING PHYTOCHEMICAL COMPOUNDS" is submitted to **St. Mary's College (Autonomous)**, Thoothukudi affiliated to **Manonmaniam Sundaranar University**, Tirunelveli in partial fulfilment for the award of the **Degree of Master of Science in Chemistry** and this work done during the year 2021 - 2022 by **M.R.SUBIDSHA SIVARANGINI (Reg. No: 20SPCH07)**


18/05/22

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Signature of the Coordinator



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24/05/22

Signature of the Examiner

DECLARATION

I do hereby declare that the project entitled "**AN APPRAISAL STUDY OF AN ANTI DIABETIC MELLITUS USING PHYTOCHEMICAL COMPOUNDS**" submitted for the degree of Master of Science in Chemistry is my original work carried out under the guidance of **Dr. C. Zozimus Divya Lobo, Assistant Professor, PG Department of Chemistry (SSC), St. Mary's College (Autonomous), Thoothukudi** and that it has not previously formed the basis for award of any Degree.

Station: Thoothukudi

Date: 18.05.2022



M.R.SUBIDSHA SIVARANGINI