

**NEEM LEAVES EXTRACT AS A NOVEL-ECO FRIENDLY
CORROSION INHIBITOR FOR Al ALLOY IN 1M HCl MEDIUM**

*Dissertation submitted to the
Thassim Beevi Abdul Kader College for Women
For the partial fulfilment of the requirements for the award of the degree of*

BACHELOR OF SCIENCE IN CHEMISTRY

By

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S.KARANYA (21BCH0006),

T. KAVYA SRI (21BCH0009),

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Under the Supervision of

Ms A MARIYAM AYSHA

Assistant professor



DEPARTMENT OF CHEMISTRY

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APRIL – 2024

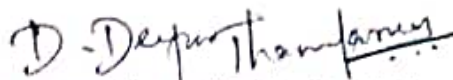
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- c) I have conformed to the norms and guidelines given in the Ethical Code of Conduct of the Institute.
- d) Whenever I have used materials (data, theoretical analysis, and text) from other sources, I have given due credit to them by citing them in the text of the thesis and giving their details in the references.
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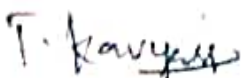
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SYNTHESIS OF SILVER OXIDE NANOPARTICLES USING MORINGA OLEIFERA

A project report submitted in partial fulfilment of the requirement for the degree of
BACHELOR OF SCIENCE IN CHEMISTRY

Submitted By

T.BALADHARSHINI (21BCH0001)

S.KARPAGA SWATHI (21BCH0007)

S. KAVIYA (21BCH0008)

R. PRIYANGA (21BCH0011)

S. PRIYANKA SHOPRA (21BCH0012)

Under the Supervision of

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Assistant p

Department of Chemistry



DEPARTMENT OF CHEMISTRY

(Under DBT Star College Scheme)

THIASSIM BEEVI ABDUL KADER COLLEGE FOR WOMEN

Kilakarai-623517, Tamil Nadu, Ramanathapuram District

April 2024

DECLARATION

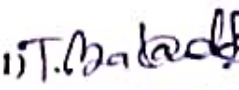
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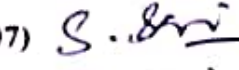
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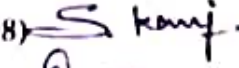
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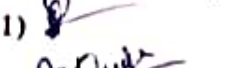
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R. PRIYANGA (21BCH0011) 

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A COMPARATIVE STUDY ON CELLULOSE, STARCH AND ZnO BIOPLASTIC FILM WITH LICORICE FILM

A project report submitted in partial fulfillment of the requirement for the degree of

BACHELOR OF SCIENCE IN CHEMISTRY

Submitted by

JANSIYA M (21BCH005)

LOGA SHANMUGA PRIYA M (21BCH0010)

ROSHAN SHIFANA S (21BCH0015)

VINOPRIYA S (21BCH0024)

UNDER THE GUIDANCE OF

DUVYA DHARANI N

ASSISTANT PROFESSOR

DEPARTMENT OF CHEMISTRY



DEPARTMENT OF CHEMISTRY

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DECLARATION

I hereby declare that the research entitled "Comparative study of bioplastic film such as composite film and licorice film" submitted to the Thassim Beevi Abdul Kadar College for Women, Kilakarai in partial fulfillment for the award of the degree of Bachelor of Science in Chemistry is record of the original research work done by us, under the supervision and guidance MS.DUVYA DHARANI N, Assistant Professor, Department of Chemistry. The work has not been submitted to any other institute for any degree or diploma. I have followed the guidelines provided by the college in preparing the report. I have conformed to the norms and guidelines given in the ethical code of conduct of the college and whatever I have used materials (data, theoretical analysis, figures and text) from other sources, I have given due credit by citing them in the text of the report and giving their details in the references. Further, I have taken permission from the copyright owners of the sources, whatever necessary.

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CANDIDATE SIGNATURE

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M. Jansiya

LOGA SHANMUGA PRIYA M

M. Loga Shanmuga Priya

ROSIAN SHIFANA S

S. Roshan Shifana

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S. Vinopriya

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Kilakarai-623517 Ramanathapuram District, Tamil Nadu.



**EXTRACTION AND CHARACTERIZATION OF NANOCELLULOSE BY ACID
HYDROLYSIS FROM COCONUT FIBRE AS AGRICULTURAL WASTE**

SUBMITTED BY

D. RAJALAKSHMI(21BCH0013)

J. RIDHWANA BEGAM(21BCH0014)

S.UDHAYA(21BCH0027)

G. VAISHNAVI(21BCH0022)

M.VARSHA (21BCH0023)

project submitted in partial fulfilment for the degree of bachelor science in chemistry

UNDER THE GUIDANCE

Ms.V.S.SUBASHINI

ASSISTANT PROFESSOR

DEPARTMENT OF CHEMISTRY

DECLARATION

I hereby declare that the research entitled "EXTRACTION AND CHARACTERIZATION OF NANOCELLULOSE BY ACID HYDROLYSIS FROM COCONUT FIBRE AS AGRICULTURAL WASTE" submitted to the Thassim Beevi Abdul Kadar College for Women, Kilakarai in partial fulfillment for the award of the degree of Bachelor of Science in Chemistry is record of the original research work done by us, under the supervision and guidance of **S.V.S.SUBASHINI**, Assistant Professor, Department of Chemistry. The work has not been submitted to any other institute for any degree or diploma. I have followed the guidelines provided by the college in preparing the report. I have conformed to the norms and guidelines given in the ethical code of conduct of the college and whatever I have used materials (data, theoretical analysis, figures and text) from other sources, I have given due credit by citing them in the text of the report giving their details in the references. Further, I have taken permission from the copyright owners of the sources, whatever necessary.

Kilakarai

7.04.2024

CANDIDATE SIGNATURE

D. RAJALAKSHMI(21BCH0013) *Rajalaxmi*

J. RIDHIWANA BEGAM(21BCH0014) *J.Ridhiwana Begam*

S.UDHAYA(21BCH0027) *S.Udhaya*

G. VAISHNAVI(21BCH0022) *G.Vaishnavi*

M.VARSHA (21BCH0023) *M.Varsha*

EXTRACTION OF SILVER NANOPARTICLES FROM SILVER NITRATE USING ORANGE
PEELE EXTRACT

A PROJECT WORK SUBMITTED IN FULFILLMENT OF THE REQUIREMENTS FOR THE
AWARD OF THE DEGREE OF

BACHELOR OF SCIENCE IN

CHEMISTRY BY

E.ELAMATHI(21BCH0004)

K.SYEDRAVIYA

AMMAL(21BCH0017)

V.THARASANA DEVI(21BCH0019)

M.THASBEEHA

SHAREEN(21BCH0020)

T.THINEKA(21BVH0021)

UNDER THE GUIDANCE OF

MS.SANGEETHA M M.Sc M.Ed

ASSISTANT PROFESSOR OF



CHEMISTRY

DEPARTMENT OF CHEMISTRY

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NAAC, ISO 9001-2008 Certified Institution, Affiliated to Alagappa
University, Karaikudi) Kilakarai 623 517 Ramanathapuram, Tamil Nadu

DECLARATION

ereby declare that the research entitled " SYNTHESIS OF SILVER NANOPARTICLE FROM SILVER NITRATE USING ORANGE PEEL"

submitted to

the Thassim Beevi Abdul Kadar College for Women, Kilakarai in partial fulfillment for the award of the degree of Bachelor of Science in Chemistry is record of the original research work done by us, under the supervision and guidance MS.SANGEETHA.M ,Assistant Professor, Department of Chemistry. The work has not been submitted to any other institute for any degree or diploma. I have followed the guidelines provided by the college in preparing the report. I have conformed to the norms and guidelines given in the ethical code of conduct of the college and whatever I have used materials (data, theoretical analysis, figures and text) from other sources, I have given due credit by citing them in the text of the report and giving their details in the references. Further, I have taken permission from the copyright owners of the sources, whatever necessary.

Place : Kilakarai

Date: 17.04.2024

CANDIDATE SIGNATURE

E.ELAMATHI 

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V.THARASANA DEVI 

M.THASBEEHA SHAREEN 

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