

ROLE OF CHEMISTRY IN PAINT INDUSTRY

A PROJECT REPORT SUBMITTED BY

Ms. K. VANATHI (2021C39)

Ms. R. VINOTHINI (2021C40)

Ms. A. VISHALINI (2021C41)

Ms. A. VISHALINI (2021C42)

Ms. J. SAHAYA SHERLY JOICE (2021C43)

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

BACHELOR OF SCIENCE

In

CHEMISTRY

UNDER THE GUIDANCE OF

Dr. J.JONE CELESTINA



FATIMA COLLEGE (AUTONOMOUS)

Re-Accredited with 'A⁺⁺' Grade by NAAC (4th Cycle)

Mary Land, Madurai - 625018, Tamil Nadu

MARCH 2024

CERTIFICATE

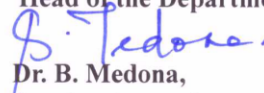
This is to certify that a project certified “ Role of chemistry in Paint industry” is a bonafide record of work done by K.Vanathi, R.Vinothini,A.Vishalini, A.Vishalini and J.SahayaSherlyJoice**B.Sc., (Chemistry)** student of Fatima College, Madurai-18, during VI semester of the academic year 2021-2024 under our guidance.



Internal Guide

Dr. J. Jone Celestina,
Assistant processor,
Department of Chemistry,
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Head of the Department



Dr. B. Medona,
Head and Associate Professor,
Department of Chemistry,
Fatima College,
Madurai - 625018.

DECLARATION

We do hereby declare that this dissertation entitled “**ROLE OF CHEMISTRY IN PAINT INDUSTRY**” submitted to Madurai Kamaraj University in partial fulfillment of the requirements for the award of **Bachelor of Science In Chemistry** , is a record of original research work done by us. We also declare that dissertation or part thereof has not been published earlier elsewhere in any manner.

K. Vanathi

Ms.K.Vanathi (2021C39)

R. Vinodhini

Ms.R.Vinothini (2021C40)

A. Vishalini

Ms. A. Vishalini (2021C41)

Ms.A. Vishalini(2021C42)

J. Sahaya sherly joice

Ms.J. SahayaSherlyJoice(2021C43)

ACKNOWLEDGEMENT

First and Foremost , we would like to thank the Lord Almighty who has showered his wonderful blessings on us and helped us to carry our project towards success.

We express our sincere thanks to our principal Dr. Sr. G. Celine Sahaya Mary and our beloved secretary Dr. Sr. M. Francisca Flora for the liberty they have given us to complete the project.

We express our deep sense of gratitude to Dr. B. Medona Head of the Department who supported us morally and provided us with all the necessary facilities in the laboratory to complete our project.

We convey our gratitude to our project guide Dr.J.JoneCelestina for her constant and immense support and guidance throughout the journey of our project.

Finally, we would like to thank each and every person responsible for the project to complete successfully.

We acknowledge project funds received under DST CURIE core grant for the women PG College DST\CURIE - PG\2022\11.

ROLE OF CHEMISTRY IN TEXTILE INDUSTRY

A PROJECT REPORT SUBMITTED BY

Ms. G. Dina Maglin (2021C10)

Ms. B.R. Durgadevi (2021C12)

Ms. C. Durgalakshmi (2021C13)

Ms. T. Harishma (2021C16)

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

BACHELOR OF SCIENCE

In

CHEMISTRY

UNDER THE GUIDANCE OF

Dr. M. PRIYADHARSHINI, M.Sc., M.Phil., SET., Ph.D



FATIMA COLLEGE (AUTONOMOUS)

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College with potential for excellence (2004-2019)

74th Rank in India Ranking 2021 (NIRF) by MHRD

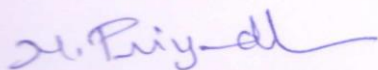
Mary Land, Madurai - 625018, Tamil Nadu

MARCH 2024

CERTIFICATE

This is to certify that a project certified “ Role of chemistry in textile industry” is a bonafide record of work done by **G. Dina Maglin, B.R. Durgadevi, C. Durgalakshmi, T. Harishma B.Sc., (Chemistry)** students of Fatima College, Madurai-18, during VI semester of the academic year 2021-2024 under our guidance.

Internal Guide



DR. M. Priyadharshini, M.Sc., M.Phil., SET., Ph.D

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Dr. B. Medona, M.Sc., Ph.D

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DECLARATION

We do hereby declare that this dissertation entitled "**ROLE OF CHEMISTRY IN TEXTILE INDUSTRY**" submitted by Kamaraj University in partial fulfillment of the requirements for the award of **BACHELOR OF SCIENCE IN CHEMISTRY**, is a record of original research work done by us. We also declare that dissertation or part thereof has not been published earlier elsewhere in any manner.

G. Dina Maglin

Ms. G. Dina Maglin (2021C10)

B.R. Durgadevi

Ms. B.R. Durgadevi (2021C12)

C. Durgalakshmi

Ms. C. Durgalakshmi (2021C13)

T. Harishma.

Ms. T. Harishma (2021C16)

ACKNOWLEDGEMENT

First and Foremost , we would like to thank the Lord Almighty who has showered his wonderful blessings on us and helped us to carry our project towards success.

We express our sincere thanks to our principal **Dr. Sr. G. Celine Sahaya Mary** and our beloved secretary **Dr. Sr. M. Francisca Flora** for the liberty they have given us to complete the project.

We express our deep sense of gratitude to **Dr. B. Medona,M.Sc.,Ph.D** Head of the Department who supported us morally and provided us with all the necessary facilities in the laboratory to complete our project.

We convey our gratitude to our project guide **Dr. M .Priyadharshini,M.Sc.,M.Phil.,SET., Ph.D** for her constant and immense support and guidance throughout the journey of our project.

Finally, we would like to thank each and every person responsible for the project to complete successfully.

We acknowledge project funds received under DST CURIE core grant for the women PG College DST\CURIE - PG\2022\11.

IMPORTANCE OF POLYMER CHEMISTRY IN EVERYDAY LIFE

A Project report submitted for partial fulfillment of the
Requirement of the department

BACHELOR OF SCIENCE IN CHEMISTRY

Submitted By

Ms. G. MAHALAKSHIMI (2021C21)

Ms. S. MAHESWARI (2021C22)

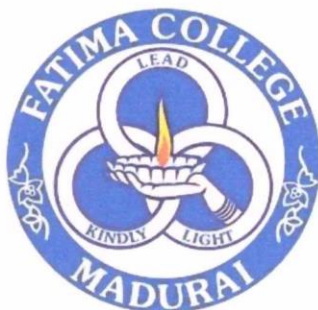
Ms. M. MUTHUPRIYA (2021C23)

Ms. P. NIVETHA (2021C23)

UNDER THE GUIDANCE

Dr. V. Arul Deepa, M.Sc., M.Phil., Ph.D.,

Assistant Professor



FATIMA COLLEGE (AUTONOMOUS)

Re-Accredited with 'A++' Grade by NAAC (4th Cycle)

College with potential for Excellence

Madurai – 625 018

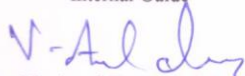
MARCH - 2024

CERTIFICATE

This is to certify that **G. MAHALAKSHIMI, S. MAHESWARI, M.MUTHUPRIYA, P. NIVETHA** B.Sc. CHEMISTRY students of Fatima College, Madurai have been done the project work entitled “ IMPORTANCE OF POLYMERCHEMISTRY IN EVERYDAY LIFE” during the period of 2024 at Fatima College , Madurai-625 018 under my guidance.

This is to certify that no part of the work have been presented for my degree/diploma or in any other.

Internal Guide



Dr. V. Arul Deepa, M. sc., M.Phil., Ph.D.,

Assistant professor

The Research Centre Of Chemistry

Fatima College

Madurai – 625 018

Head of the Department



Dr. B. Medona, M.Sc., Ph.D., (HOD)

Head and Associate Professor

The Research Centre Of chemistry

Fatima College

Madurai – 625 018

DECLARATION

We do hereby declare that this dissertation entitled “ **IMPORTANCE OF POLYMER CHEMISTRY IN EVERYDAY LIFE**” submitted to Madurai Kamaraj University in partial Fulfilment of requirement for the award of **BACHELOR OF SCIENCE IN CHEMISTRY**, is arecord of original research work done by us. We also declare that this dissertation or part of work has been published earlier elsewhere in any manner.



G. MAHALAKSHIMI (2021C21)



S. MEHESWARI (2021C22)



M. MUTHUPRIYA (2021C23)



P. NIVETHA (2021C24)

ACKNOWLEDGEMENT

First and foremost we would like to thank the Lord Almighty who has showered His wonderful blessings on us and helped us to carry our project toward success.

We express our sincere thanks to our Principal **Dr. Sr. G. Celine Sagaya Mary** and our beloved Secretary **Dr. Sr. M. Francisca Flora** for the liberty they have given us to complete the project.

We express our sincere sense of gratitude **Dr. B. Medona**, Head of the Department who supported us morally and provided us with all the necessary facilities in the laboratory to complete our project.

We convey our gratitude to our project guide **Dr. V. Arul Deepa** for her constant support and immense support and guidance throughout the journey.

Finally we would like to thank each and every person responsible for the Project to complete successfully.

We acknowledge project fund under DST CURIE core Grant for Women PG Colleges DST / CURIE – PG / 2024 / 4

ROLE OF CHEMISTRY IN THE DRUG INDUSTRY

A PROJECT REPORT

Submitted by

Pavithra. R - 2021C25

Pavithra. V - 2021C26

Priyanka. P - 2021C27

Rajasriarasi. G - 2021C28

in partial fulfilment for the award of the degree

of

BACHELOR OF SCIENCE

in

CHEMISTRY

UNDER THE GUIDANCE OF

Dr. Sr. J. Arul Mary, M.Sc., M.Phil., Ph.D.



FATIMA COLLEGE, (AUTONOMOUS)

Re-Accredited with 'A++' by NAAC (4th cycle)

Mary Land,
Madurai-625018,
Tamil Nadu.

DECLARATION

We affirm that the project work title “ **ROLE OF CHEMISTRY IN THE DRUG INDUSTRY** ” being submitted in partial fulfilment for the award of **BACHELOR OF SCIENCE** is the original work carried out by us. It has not formed the part of any other project work submitted for award of any degree, or diploma, either in this or any other University.

Signature of the candidates

R. Pavithra.

Pavithra. R - 2021C25

V. Pavithra

Pavithra. V - 2021C26

Priyanka P

Priyanka. P - 2021C27

G. Rajasriarasi

Rajasriarasi. G - 2021C28

I certify that the declaration made by the candidates are true.

Dr. Sr. J. Arul Mary 20/3/24

Signature of the internal guide

Dr. Sr. J. Arul Mary M.Sc.,M.Phil.,Ph.D.
Assistant Professor,
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Dr. Mrs. B. Medona

Signature of the head the department

Dr. Mrs. B. Medona M.Sc.,Ph.D.
Head and Associate Professor,
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Fatima college,
Madurai – 625018.

ACKNOWLEDGEMENT

We grab this opportunity to thank all those who helped, guided and advised us in every walk of our life.

We would like to express my memorable gratitude to Our principal **Rev. Dr. Sr. G. Celine Sahaya Mary**, for her encouragement and support all the way from heart to undergo this course.

We convey our sincere sense of gratitude to **Dr. Mrs. B. Medona M.Sc., Ph.D.** Head of the department who has provided us with all the necessary guidance to complete our project successfully.

We express my sincere gratitude to **Dr. Sr. J. Arul Mary M.Sc., M.Phil., Ph.D.** who guided us to do the project on **“ROLE OF CHEMISTRY IN THE DRUG INDUSTRY”** and we are really happy to have this guide who gives motivation and helps us to collect materials.

We thank all the faculty members of Research Centre of Chemistry, Fatima college, Madurai, Tamil Nadu, for their support throughout our project.

ROLE OF CHEMISTRY IN LEATHER INDUSTRY

A PROJECT REPORT SUBMITTED BY

Ms. M.Dharoshini(2021C44)

Ms. R.Renuka devi(2021C45)

Ms.P.Shiva ranjani (2021C46)

Ms. B.Swetha (2021C47)

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

BACHELOR OF SCIENCE

In

CHEMISTRY

UNDER THE GUIDANCE OF

Dr. J.Belinda Asha



FATIMA COLLEGE (AUTONOMOUS)

Re-Accredited with 'A++' Grade by NAAC (4th Cycle)

College with potential for excellence (2004-2019)

74th Rank in India Ranking 2021 (NIRF) by MHRD

Mary Land, Madurai - 625018, Tamil Nadu

MARCH 2024

CERTIFICATE

This is to certify that a project certified “ **Role of Chemistry in Leather Industry**” is a bonafide record of work done by M. Dharoshini, R.Renuka devi, P.Shiva Ranjani, B.Swetha, J.Catherine Sibaa B.Sc., (Chemistry) students of Fatima College, Madurai-18, during VI semester of the academic year 2021-2024 under the guidance of Dr.J.Belinda Asha.



Internal guide

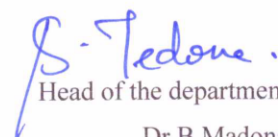
Dr.J.Belinda Asha

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Head of the department

Dr.B.Madona

Head and Associate professor,

Research centre of chemistry,

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Madurai-18

DECLARATION

We do hereby declare that this dissertation entitled **"ROLE OF CHEMISTRY IN LEATHER INDUSTRY"** submitted by Kamaraj University in partial fulfillment of the requirements for the award of BACHELOR OF SCIENCE IN CHEMISTRY , is a record of original research work done by us. We also declare that dissertation or part there of has not been published earlier elsewhere in any manner.



Ms.M.Dharoshini(2021C44)



Ms. R.Renuka devi(2021C45)



Ms.P.Shiva ranjani (2021C46)



Ms. B.Swetha (2021C47)



Ms.J.Catherin siba(2021C48)

ACKNOWLEDGEMENT

First and Fore most, we would like to thank the Lord Almighty who has showered his wonderful blessings on us and helped us to carry our project towards success. We express our sincere thanks to our principal Dr. Sr. G. Celine Sahaya Mary and our beloved secretary Dr. Sr. M. Francisca Flora for the liberty they have given us to complete the project. We express our deep sense of gratitude to Dr. B. Madona, Head of the Department, who supported us morally and provided us with all the necessary facilities in the laboratory to complete our project. We convey our gratitude to our project guide Dr.J. Belinda Asha for her constant and immense support and guidance throughout the journey of our project. Finally, we would like to thank each and every person responsible for the project to complete success. We acknowledge project funds received under DST CURIE core grant for the women PG College DST¥CURIE - PG¥2022¥11.

IMPORTANCE OF NANOMEDICINE IN EVERYDAY LIFE

A PROJECT REPORT SUBMITTED BY

Ms. A. Agnes Mary (2021C01)

Ms. A. Amudha (2021C02)

Ms. M. Bhavadharani (2021C04)

Ms. N. Caroline Fabinaa (2021C05)

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

BACHELOR OF SCIENCE

In

CHEMISTRY

UNDER THE GUIDANCE OF

Dr. S. SUKUMARI

M. Sc., B. Ed., M. Phil., Ph. D., NET



FATIMA COLLEGE (AUTONOMOUS)

Re-Accredited with 'A++' Grade by NAAC (4th Cycle)

College with potential for excellence (2004-2019)

74th Rank in India Ranking 2021 (NIRF) by MHRD


Mary Land, Madurai - 625018, Tamil Nadu

MARCH 2024

CERTIFICATE

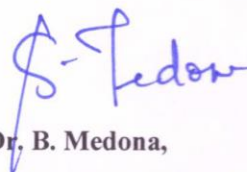
This is to certify that a project certified “ **Importance of Nanomedicine in Everyday Life**” is a bonafide record of work done by **A. Agnes Mary, A. Amudha, M. Bhavadharani, N. Caroline Fabinaa B.Sc., (Chemistry)** students of Fatima College, Madurai-18, during VI semester of the academic year 2021-2024 under our guidance.

Internal Guide

For 
20/3/24.

Dr. S. Sukumari,
M. Sc., B. Ed., M. Phil., Ph. D., NET.
Associate professor,
Department of Chemistry,
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Madurai - 625018.

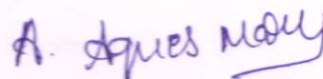
Head of the Department



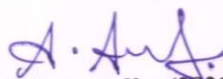
Dr. B. Medona,
M. Sc., Ph. D.
Head and Associate Professor,
Department of Chemistry,
Fatima College,
Madurai - 625018.

DECLARATION

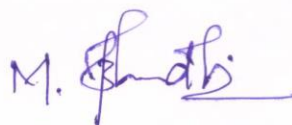
We do hereby declare that this dissertation entitled **“IMPORTANCE OF NANOMEDICINE IN EVERYDAY LIFE”** submitted by Kamaraj University in partial fulfillment of the requirements for the award of **BACHELOR OF SCIENCE IN CHEMISTRY**, is a record of original research work done by us. We also declare that dissertation or part thereof has not been published earlier elsewhere in any manner.



Ms. A. Agnes Mary (2021C01)



Ms. A. Amudha (2021C02)



Ms. M. Bhavadharani (2021C04)



Ms. N. Caroline Fabinaa (2021C05)

ACKNOWLEDGEMENT

First and Foremost , we would like to thank the Lord Almighty who has showered his wonderful blessings on us and helped us to carry our project towards success.

We express our sincere thanks to our principal **Dr. Sr. G. Celine Sahaya Mary** and our beloved secretary **Dr. Sr. M. Francisca Flora** for the liberty they have given us to complete the project.

We express our deep sense of gratitude to **Dr. B. Medona** Head of the Department who supported us morally and provided us with all the necessary facilities in the laboratory to complete our project.

We convey our gratitude to our project guide **Dr. S. Sukumari** for her constant and immense support and guidance throughout the journey of our project.

Finally, we would like to thank each and every person responsible for the project to complete successfully.

We acknowledge project funds received under DST CURIE core grant for the women PG College DST\CURIE - PG\2022\11.

ROLE OF CHEMISTRY IN COSMETICS

A PROJECT REPORT SUBMITTED BY

Ms. V.Cherin Princy (2021C06)

Ms. A.Crispin Virgila (2021C07)

Ms. S.Dharani (2021C08)

Ms. M.Dharshini (2021C09)

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

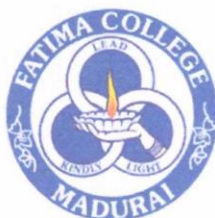
BACHELOR OF SCIENCE

In

CHEMISTRY

UNDER THE GUIDANCE OF

Dr. A. Rajeswari, M.Sc., M.Phil., Ph.D.



FATIMA COLLEGE (AUTONOMOUS)

Re-Accredited with 'A++' Grade by NAAC (4th Cycle)

College with potential for excellence (2004-2019)

74th Rank in India Ranking 2021 (NIRF) by MHRD

Mary Land, Madurai - 625018, Tamil Nadu

MARCH 2024

CERTIFICATE

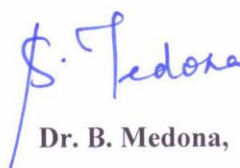
This is to certify that a project certified “ Role of chemistry in cosmetics” is a bonafide record of work done by V. Cherin Princy, A. Crispin Virgila, S.Dharani, M. Dharshini B.Sc., (Chemistry) students of Fatima College, Madurai-18, during VI semester of the academic year 2021-2024 under our guidance.

Internal Guide



Dr. A. Rajeswari,
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Madurai - 625018.

Head of the Department



Dr. B. Medona,
Head and Associate Professor,
The Research Centre of Chemistry,
Fatima College,
Madurai - 625018.

DECLARATION

We do hereby declare that this dissertation entitled "**ROLE OF CHEMISTRY IN COSMETICS**" submitted by Kamaraj University in partial fulfillment of the requirements for the award of **BACHELOR OF SCIENCE IN CHEMISTRY**, is a record of original research work done by us. We also declare that dissertation or part there of has not been published earlier else where in any manner.



Ms. V. Cherin Princy (2021C06)



Ms. A. Crispin Virgila (2021C07)



Ms. S. Dharani (2021C08)



Ms. M. Dharshini (2021C09)

ACKNOWLEDGEMENT

We grab this opportunity to thank all those who helped, guided and advised us in every walk of our life.

We would like to express my memorable gratitude to Our principal **Rev. Dr. Sr. G. Celine Sahaya Mary**, for her encouragement and support all the way from heart to undergo this course.

We convey our sincere sense of gratitude to **Dr. Mrs. B. Medona M.Sc., Ph.D.** Head of the department who has provided us with all the necessary guidance to complete our project successfully.

We express my sincere gratitude to **Dr. Sr. J. Arul Mary M.Sc., M.Phil., Ph.D.** who guided us to do the project on “**ROLE OF CHEMISTRY IN THE DRUG INDUSTRY**” and we are really happy to have this guide who gives motivation and helps us to collect materials.

We thank all the faculty members of Research Centre of Chemistry, Fatima college, Madurai, Tamil Nadu, for their support throughout our project.

ROLE OF CHEMISTRY IN FOOD INDUSTRY

A PROJECT REPORT SUBMITTED BY

Ms. HENCY LISHA .M(2021C17)

Ms. INFANT HEVEENA.C(2021C18)

Ms. JAFRINA BARVIN.Z(2021C19)

Ms. JANIKA.M(2021C20)

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

BACHELOR OF SCIENCE

In

CHEMISTRY

UNDER THE GUIDANCE OF

Dr. B.VINOSHA



FATIMA COLLEGE (AUTONOMOUS)

Re-Accredited with 'A++' Grade by NAAC (4th Cycle)

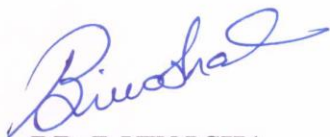
Mary Land, Madurai - 625018, Tamil Nadu

MARCH 2024

CERTIFICATE

This is to certify that a project certified “ **Role of chemistry in the food industry**” is a bonafide record of work done by **M.Heny Lisha,C.Infant Heveena,Z.Jafrina Barvin,M.Janika,B.Sc., (Chemistry)** students of Fatima College, Madurai-18, during VI semester of the academic year 2021-2024 under our guidance.

Internal Guide



DR. B.VINOSHA

Assistant processor,
Research Centre of Chemistry,
Fatima College,
Madurai - 625018.

Head of the Department



Dr.B. MEDONA

Head and Associate Professor,
Research Centre of Chemistry,
Fatima College,
Madurai - 625018.

DECLARATION

We do hereby declare that this dissertation entitled **“ROLE OF CHEMISTRY IN FOOD INDUSTRY”** submitted to Madurai Kamaraj University in partial fulfillment of the requirements for the award of BACHELOR OF SCIENCE IN CHEMISTRY , is a record of original research work done by us. We also declare that dissertation or part thereof has not been published earlier elsewhere in any manner.

M. Hency Lisha.

Ms.M.Hency Lisha (2021C17)

C. Infant Heveena

Ms. C.Infant Heveena(2021C18)

Z. Jafrina Barvin

Ms. Z.Jafrina Barvin(2021C19)

M. Janika .

Ms.M.Janika(2021C20)

ACKNOWLEDGEMENT

First and Foremost , we would like to thank the Lord Almighty who has showered his wonderful blessings on us and helped us to carry our project towards success.

We express our sincere thanks to our principal **Dr. Sr. G. Celine Sahaya Mary** and our beloved secretary **Dr. Sr. M. Francisca Flora** for the liberty they have given us to complete the project.

We express our deep sense of gratitude to **Dr. B. Medona** Head of the Department who supported us morally and provided us with all the necessary facilities in the laboratory to complete our project. *

We convey our gratitude to our project guide **Dr.B.Vinosh**a for her constant and immense support and guidance throughout the journey of our project.

Finally, we would like to thank each and every person responsible for the project to complete successfully.

We acknowledge project funds received under DST CURIE core grant for the women PG College DST\CURIE - PG\2022\11.

ROLE OF CHEMISTRY OF HOUSEHOLD ITEMS

A PROJECT REPORT

Submitted by

S. RITIKA (2021C29)

S. RIYASHINI (2021C30)

J. RONICA ALICE (2021C31)

D. SHINISHA BRIJET (2021C33)

In partial fulfilment for the award of the degree

of

BACHELOR OF SCIENCE

in

CHEMISTRY

UNDER THE GUIDANCE OF

Dr. Mrs. B. SUGANTHANA



FATIMA COLLEGE, (AUTONOMOUS)

Re-Accredited with 'A++' by NAAC (4th Cycle)

Mary Land,
Madurai-625018,
Tamil Nadu.

DECLARATION

We affirm that the project work tittle “**ROLE OF CHEMISTRY OF HOUSEHOLD ITEMS**” being submitted in partial fulfilment for the award of **BACHELOR OF SCIENCE** is the original work carried out by us. It has not formed the part of any other project work submitted for award of any degree, or diploma, either in this or any other University.

Signature of the candidates

S. RITIKA-2021C29 *S. Ritika .*

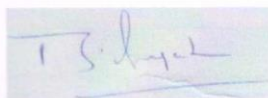
S. RIYASHINI-2021C30 *S. Riyashini*

J. RONICA ALICE-2021C31 *J. Ronica Ali*

D. SHINISHA BRIJET-2021C33 *D. Shinisha Brij*

I certify that the declaration made by the candidates are true.

B. Medona .



Signature of the internal guide

Dr. Mrs. B. Suganthana

Assistant Professor

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ACKNOWLEDGEMENT

We grab this opportunity to thank all those who helped, guided and advised us in every walk of our life.

We would like to express my memorable gratitude to Our principal **Rev. Dr. Sr. G. Celine Sahaya Mary**, for her encouragement and support all the way from heart to undergo this course.

We convey our sincere sense of gratitude to **Dr. Mrs. B. MEDONA** Head of the department who has provided us with all the necessary facilities in the laboratory to complete our project successfully.

We express my sincere gratitude to **Mrs. B. SUGANTHANA** who guided us to do the project on **“ROLE OF CHEMISTRY OF HOUSEHOLD ITEMS”** and we are really happy to have this guide who gives motivation and helps us to collect materials.

We thank all the faculty members of Department of Chemistry, Fatima college, Madurai, Tamil Nadu, for their support throughout our project.

**ROLE OF CHEMISTRY IN FERTILIZER INDUSTRY
AND CROP YIELD FOR SUSTAINABLE DEVELOPMENT**

THE PROJECT REPORT SUBMITTED BY

Ms. P. Silpal (2021C34)

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

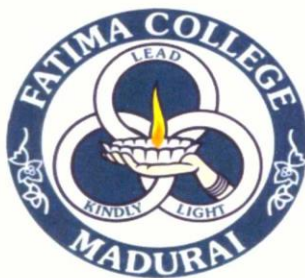
BACHELOR OF SCIENCE

In

CHEMISTRY

UNDER THE GUIDANCE OF

Dr. K.R. SUBIMOL,M.Sc.,M.Phil.,Ph.D.



FATIMA COLLEGE (AUTONOMOUS)

Re-Accredited with 'A++' Grade by NAAC(4th Cycle)

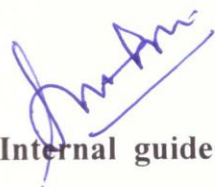
Mary Land,

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CERTIFICATE

This is to certify that the project work entitled “ **ROLE OF CHEMISTRY IN FERTILIZER INDUSTRY AND CROP YIELD FOR SUSTAINABLE DEVELOPMENT**” was carried out by **Ms.P.Silpal, Ms.S.Subhaniya Parveen, Ms. F. Udaya Teresa, Ms. R .Vaishanavi**, under the guidance of **Dr.K.R.SUBIMOL** and submitted to Reasearch Centre of Chemistry, **FATIMA COLLEGE (AUTONOMOUS),MADURAI**,in partial fulfilment of the requirements for the award of the Degree of **BACHELOR OF SCIENCE** in Chemistry , during the academic year 2023-2024



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DECLARATION

We do hereby declare that this dissertation entitled “ **ROLE OF CHEMISTRY IN FERTILIZER INDUSTRY AND CROP YIELD FOR SUSTAINABLE DEVELOPMENT**” submitted to Madurai Kamaraj University in partial fulfillment of requirement for the award of **BACHELOR OF SCIENCE IN CHEMISTRY**, is a record of original research work done by us. We also declare that this dissertation or part of work has not been published earlier elsewhere in any manner.

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