

**“Green synthesis of Magnesium Oxide Nanoparticles (MgO NPs) using
Pulmeria pudica leaf extract”**

**RESEARCH PROJECT SUBMITTED TO
SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE**



**FOR THE DEGREE OF MASTER OF SCIENCE IN
ORGANIC CHEMISTRY
UNDER THE FACULTY OF SCIENCE
BY
MISS. KEDAR SHIVANI FULCHAND**

**UNDER THE GUIDANCE OF
Miss. Gayatri Handge Mam**

**DEPARTMENT OF CHEMISTRY
G.M.D. ARTS, B.W. COMMERCE AND SCIENCE COLLEGE, SINNAR 422103**

OCT/NOV 2024-2025



Maratha Vidya Prasarak Samaj's

**G.M.D. ARTS, B.W. COMMERCE AND SCIENCE COLLEGE, SINNAR,
DIST- NASHIK**

DEPARTMENT OF CHEMISTRY

CERTIFICATE

This is to certify that the work incorporated in the project entitled

**Topic name: Green synthesis of Magnesium Oxide Nanoparticles (MgO NPs)
using Pulmeria pudica leaf extract.**

Has satisfactorily carried out by Miss. Kedar Shivani Fulchand.of M.Sc. Organic Chemistry. he has completed this project under my supervision and guidance during Academic Year 2024 -2025. This project work submitted by his original and the scientific information obtain from other sources have been acknowledged.

Asst. Prof. Miss. Gayatri Handge
(Project Guide)



Maratha Vidya Prasarak Samaj's

G.M.D. ARTS, B.W. COMMERCE AND SCIENCE COLLEGE, SINNAR, DIST-
NASHIK

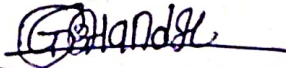
DEPARTMENT OF CHEMISTRY

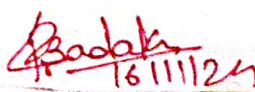
CERTIFICATE


This is to certify that **Miss. Kedar Shivani Fulchand.** studying in MSc-II (Organic Chemistry) at **M.V.P. Samaj's G.M.D. Arts, B.W. Commerce and Science College, Sinnar.** He has successfully completed the project work in Organic Chemistry (CHO-607) during the Sem-III of academic year 2024-2025.

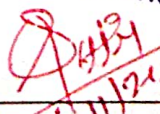
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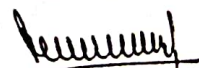
Place: Sinnar.


Asst. Prof. Miss. G. B. Handge
(Project guide)


16/11/24
Internal Examiner


Prof. Dr. M.R. Gaware
HEAD
DEPARTMENT OF CHEMISTRY
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16/11/24


Dr. P.V. Rasal
PRINCIPAL
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External Examiner

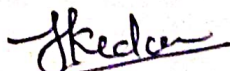
DECLARATION

I hereby declare that the presented Research Project on Green Synthesis and characterization of Magnesium oxide nanoparticle using pulmeria pudica leaf extract is uniquely prepared by me at G.M.D. Arts, B.W. Commerce and Science College Sinnar under the guidance of Miss Gayatri B. Handge mam. (Assistant professor, Department of Chemistry, G.M.D. Arts, B. W. Commerce and Science College, Sinnar, Nashik) during Academic year 2024-2025.

Place: sinner

Name: - Kedar Shivani Fulchand

Date: 13/11/2024

Sign: 

ACKNOWLEDGEMENT

- I would like to thank M.V.P. Samaj's G.M.D. Arts B.W. Commerce and Science College Sinnar, for providing me with the necessary resources, infrastructural, and facilities to carry out this project.
- I would like to thank our College Principal Dr. P. V. Rasal for constant support and providing infrastructural facility for this project work.
- I would like to thank, HoD Prof. M.R. Gaware for his constructive help during project
- I would like to thank, Miss. Gayatri Handge (Project Guide), for their constant encouragement, insightful feedback, and expert guidance that helped me to navigate through the various challenges of this project.
- I would like to thank all the faculty members of the Department of Chemistry, for imparting me with the theoretical and practical knowledge necessary to complete this project.
- I would like to thank my classmates and colleagues, for their feedback, suggestions, and stimulating discussions that enriched my understanding of the subject matter.

Sign- 
Kedar Shivani Fulchand.