

**GREEN SYNTHESIS AND CHARACTERIZATION OF MAGNESIUM
DOPED NICKEL OXIDE NANOPARTICLE USING LANTANA CAMARA
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

MR. SAMADHAN VILAS JADHAV

UNDER THE GUIDANCE OF

MR. B. D. MASKE SIR

DEPARTMENT OF CHEMISTRY

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

MAR/APR 2024-2025



Maratha Vidya Prasarak Samaj's

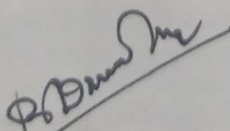
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SINNAR, DIST- NASHIK

DEPARTMENT OF CHEMISTRY

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

Topic name: Green Synthesis and Characterization of Magnesium doped Nickel oxide NPs using Lantana Camara leaf extract.

Was satisfactorily carried out by **Mr. Samadhan Vilas Jadhav** 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.


Mr. B. D. Maske Sir

(Project Guide)



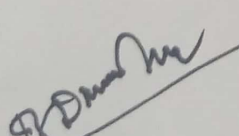
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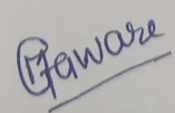
CERTIFICATE

This is to certify that PG dissertation entitled Synthesis **Green Synthesis and Characterization of Magnesium doped Nickel Oxide Nanoparticle Using Lantana Camara Leaf Extract** submitted by **Mr. Samadhan Vilas Jadhav** and it was carried out by the candidate under the supervision of **Mr. B. D. Maske Sir**. He has successfully completed the project work in Organic Chemistry (**CHO-681**) during the Sem-**IV** of academic year 2024-2025.

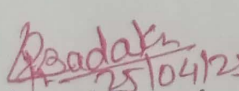
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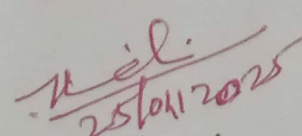
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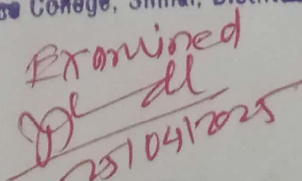

Mr. B. D. Maske Sir
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External Examiner

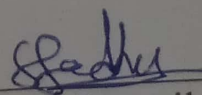

External Examiner

DECLARATION

I hereby declare that the presented Research Project on **Green Synthesis and Characterization of Magnesium doped Nickel oxide NPs using Lantana Camara leaf extract** is uniquely prepared by me at G.M.D. Arts, B.W. Commerce And Science College Sinnar under the guidance of Mr. B. D Maske Sir.

Place: Sinnar

Date:

Sign- 
Name-Samadhan vilas jadhav