

**GREEN SYNTHESIS AND CHARACTERIZATION OF
MAGNESIM OXIDE NANOPARTICLE USING PAPAYA 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. SIDDHI TANAJI WALKE**

**UNDER THE GUIDANCE OF
MR. MILIND MESHARAM**

DEPARTMENT OF CHEMISTRY

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OCT/NOV 2024-2025



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DEPARTMENT OF CHEMISTRY

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

Topic name: Green Synthesis and Characterization of Magnesium oxide NPs using
Papaya leaf extract.

Was satisfactorily carried out by **Miss. Siddhi Tanaji Walke** of **M.Sc. Organic Chemistry**. She 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. Milind Meshram
(Project Guide)



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CERTIFICATE

This is to certify that PG dissertation entitled **Synthesis Green Synthesis and Characterization of Magnesium Oxide Nanoparticle Using Papaya Leaf Extract** submitted by **Miss. Siddhi Tanaji Walke** and it was carried out by the candidate under the supervision of **Mr. Milind Meshram Sir**. She has successfully completed the project work in Organic Chemistry (CHO-607) during the Sem-III of academic year 2024-2025.

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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. Milind Meshram Sir

Place: Sinnar

Date: 16/11/24

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