GREEN SYNTHESIS AND CHARACTERIZATION OF ZINC OXIDE NANOPARTICLE

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, PRITI BHARAT AVHAD

UNDER THE GUIDANCE OF

MR. JAGDISH GHOTEKAR SIR

DEPARTMENT OF CHEMISTRY

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

OCT/NOV 2024-2025



Maratha Vidya Prasarak Samaj's

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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 Zinc Oxide nanoparticle.

Was satisfactorily carried out by Miss. Priti Bharat Avhad 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. Jagdish Ghotekar Sir

(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 PG dissertation entitled Synthesis Green Synthesis and Characterization of Zinc Oxide Nanoparticle submitted by Miss. Priti Bharat Avhad and it was carried out by the candidate under the supervision of Mr. Jagdish Ghotekar Sir. She has successfully completed the project work in Organic Chemistry (CHO-607) during the Sem-III of academic year 2024-2025.

Date:

Place: Sinnar

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DECLARATION

I hereby declare that the presented Research Project on Green Synthesis and Characterization of Zinc oxide nanoparticle is uniquely prepared by me at G.M.D. Jagdish Ghotekar Sir.

Place: Sinnar

Date:

Sign- Thad

Name-Priti Bharat Avhad

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Sign: - Ahad

Name: - Avhad Priti Bharat