GREEN SYNTHESIS AND CHARACTERIZATION OF MAGNESIM OXIDE NANOPARTICLE USING THUJA PLANT 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.GUNJAL VAISHALI KONDHAJI

UNDER THE GUIDANCE OF MR. MILIND MESHRAM

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 and characterization of magnesim oxide nanoparticle using thuja plant leaf extract.

Has satisfactorily carried out by Miss.Gunjal Vaishali Kondhaji.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.Milind Meshram
(Project Guide)



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

DEPARTMENT OF CHEMISTRY

CERTIFICATE

This is to certify that Miss.Gunjal Vaishali Kondhaji.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

Date: 15 | 11 | 2024

Place: Sinnar.

Mr. Milind Meshram

(Project guide)

Prof. Dr.

DEPARTMONT OF CHEMISTRY G.M.D. A. ts, B.W. Commerce

and Science College, Sinnar G.M.D.Arts, B.W.Commerce and

Dr. P.V. Rasal

(Principal)

Science College, Sinner, Dist. Nashik

External Examiner

DECLARATION

I hereby declare that the presented Research Project on "Green synthesis and characterization of magnesim oxide nanoparticle using thuja plant 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: sinner

.Date: 15/11/2024

Name:-Gunjal Vaishali Kondhaji Sign-

ACKNOWLEDEMENT

- I would like to thank M.V.P. Samaj's G. M. D. Arts B. W. Commerce and Science College Sinner for providing me the necessary resources, infrastructural, and facilities to carry out this project.
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Sign- gitijel

Name- GUNJAL VAISHALI KONDAJI