

**“EXPLORATION OF PHOTOCATALYTIC PERFORMANCE OF
CaO (CALCIUM OXIDE) FOR DEGRADATION METHYLENE
BLUE DYE AND IT'S COMPARATIVE STUDY”**

RESEARCH PROJECT SUBMITTED TO
SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE.



FOR THE DEGREE OF
MASTER OF SCIENCE
IN
ORGANIC CHEMISTRY
BY

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UNDER THE GUIDANCE OF

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CERTIFICATE


This is to certify that PG dissertation entitled


“EXPLORATION OF PHOTOCATALYTIC PERFORMANCE OF CaO (CALCIUM OXIDE) FOR DEGRADATION METHYLENE BLUE DYE AND IT'S COMPARATIVE STUDY” submitted by **Mr. Gurule Chaitanya Tukaram** and it was carried out by the candidate under the supervision of **Mrs. Dipali.H.Dabhane**. She has successfully completed the project work in Organic Chemistry (CHO-681) during the Sem-IV of academic year 2024-2025.

Date: 22/04/2025

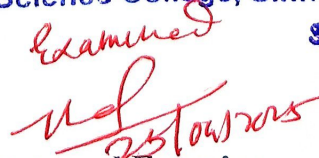
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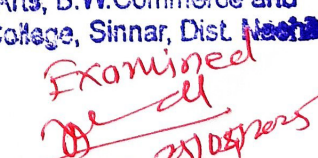

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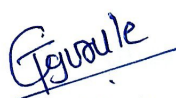

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External Examiner


External Examiner

DECLARATION

We certify that we read this “EXPLORATION OF PHOTOCATALYTIC PERFORMANCE OF CaO (CALCIUM OXIDE) FOR DEGRADATION METHYLENE BLUE DYE AND IT’S COMPARATIVE STUDY for the award of the degree of Master of Science in Organic Chemistry at Department of Chemistry, G.M.D. Arts, B. W. Commerce and Science College, Sinnar, Nashik. Was carried out by the candidate under the supervision of **Mrs.Dipali.H.Dabhane**. (Assistant professor, Department of Chemistry, G.M.D. Arts, B. W. Commerce and Science College, Sinnar, Nashik) during Academic year 2024-2025.


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