APPLICATIONS OF CU DOPED INDIUM OXIDE IN SYNTHESIS OF 7-HYDROXY-4-METHYL COUMARIN.

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. ANIKET SUBHASH GURAV

DEPARTMENT OF CHEMISTRY

UNDER THE GUIDANCE OF

ASST. PROF. MISS. ANKITA RAYATE MAM

DEPARTMENT OF CHEMISTRY

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

WORKPLACE
DEPARTMENT OF CHEMISTRY AND RESEARCH CENTER
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

This is to certify that the work imported in the incorrepted in the project entitled.

Topic name: Application of Cu doped indium oxide in synthesis of 7-hydroxy-4-methyl coumarin.

Was satisfactorily carried out by **Mr. Gurav Aniket Subhash** 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

Ankita

Asst.Prof.Miss.Ankita Rayate Mam

(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 Application of Cudoped indium oxide in synthesis of 7-hydroxy-4-methyl coumarin. submitted by Mr.Gurav Aniket Subhash and it was carried out by thecandidate under the supervision of Miss. Ankita Rayate Mam She has successfully completed the project work in Organic Chemistry (CHO-607)during the Sem-III of academic year 2024-2025.

Date:

Place: Sinnar

Ankita

Miss.Ankita.Rayate
(Project Guide)

Gaware

Prof.(Dr).M.R.Gaware
(HoD)

HEAD
DEPARTMENT OF CHEMISTRY
G.M.D. Arts, B.W. Commerce and Science College, Sinnar

Dr.P.V.Rasal
(Principal)

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

16/11/24

Internal Examiner

External Examiner

16/11/24

External Examiner

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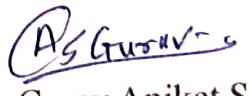
Sign- 

Name- Gurav Aniket Subhash

DECLARATION

We certify that we read this thesis Design, Synthesis of copper doped indium oxide (In_2O_3) 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 **Asst.Prof.Miss Ankita Rayate Mam** (Assistant professor, Department of Chemistry, G.M.D. Arts, B. W. Commerce and Science College, Sinnar, Nashik) during Academic year 2024-2025.

Name- Gurav Aniket Subhash

M.S.C (Organic Chemistry)