

Project Report

**“SYNTHESIS AND CHARACTERIZATION OF BIMETALLIC FE  
AND CO NANOPARTICLES USING CO-PRECIPITATION  
METHOD AND THEIR APPLICATION”**

**A PROJECT REPORT SUBMITTED TO**

SAVITRIBAI PHULE PUNE UNIVERSITY,

**PUNE**



FOR THE DEGREE OF **MASTER OF SCIENCE IN**

**CHEMISTRY**

UNDER THE FACULTY OF SCIENCE BY

**Mr. RAVINDRA DEVIDAS MUNGASE**

UNDER THE GUIDANCE OF

**Prof. Lande M.B.**

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## Certificate

This is to certify that the thesis entitled **“SYNTHESIS AND CHARATERIZATION OF BIMETALLIC FE ANE CO NANOPARTICLES USING CO-PRECIPIATION METHOD AND THEIR APPLICATION”** Submitted to Savitribai Phule Pune University, for the partial fulfilment of the Master degree in Analytical chemistry is a faithful record of bonafide and original research work carried out by **Mr. Ravindra Devidas Mungase** my supervision and guidance.

Prof. Lande M.B.

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## **DECLARATION**

I hereby declare the thesis entitled "SYNTHESIS AND CHARACTERIZATION OF BIMETALLIC FE AND CO NANOPARTICLES USING CO-PRECIIPITATION METHOD AND THEIR APPLICATION", submitted to the Department of Chemistry, Savitribai Phule Pune University, for the partial fulfilment of the Master Degree in Analytical chemistry is a faithful record of bonafide research work carried out by me under the guidance and supervision of Prof. Lande M.B , Professor, Department of Analytical chemistry, Arts Commerce And Science College Sonai. has not formed the basis for the award of any degree titles in this or any other University or other institution of Higher learning. I further declare that the material obtained from other sources has been duly acknowledged in the dissertation.

*Ravindra...*

Mr. Ravindra D. Mungase

Date: 15/05/2023

Place: Sonai