



**Anekant Education Society's,  
Tuljaram Chaturchand College, Baramati 413102**

**Affiliated to Savitribai Phule, Pune University, Pune.**

**Project Report on,  
Green and Chemical Synthesis of Nanoparticles from Transition Metals,  
Their Characterization and Applications.**

**PROJECT REPORT**

**SUBMITTED TO,**

**DEPARTMENT OF CHEMISTRY,**

**As partial fulfilment of MSc degree,**

**2022-2023**

**By,**

**Ligade Rahul Balaso**

**Kanade Nikhil Vilas**

**Deshmane Vaishnavi Vivek**

**Under the guidance of**

**Prof. Miss. Deokate S. A.**





ANEKANT EDUCATION SOCIETY'S,  
**TULJARAM CHATURCHAND COLLEGE, BARAMATI 413102**  
 DEPARTMENT OF CHEMISTRY

## CERTIFICATE

This is to certify that the work incorporated in the project report entitled **“Green and Chemical Synthesis of Nanoparticles from Transition Metals, Their Characterization and Applications.”** submitted by **Ligade Rahul Balaso, Kanade Nikhil Vilas, Deshmane Vaishnavi Vivek** for the partial fulfillment of practical course CHO-5406 for the degree of Master of Science in Organic Chemistry. The project was carried out in excellent/satisfactorily manner under my supervision in Department Of Chemistry, Tuljaram Chaturchand College, Baramati.

*Deokate*  
 17/04/23  
**Prof. Deokate S. A.**  
 (Project Guide)

*S.R. Kale*  
 17/4/23  
**Prof. Dr. S.R. Kale**  
 (Head, Department of Chemistry)  
**Head**  
**DEPARTMENT OF CHEMISTRY**  
**Tuljaram Chaturchand College**  
**Baramati (Dist.Pune)**

*Mahajan*  
 22/04/2023  
**External**