

2021-2022.

Tuljaram Chaturchand college,

Baramati – 413102 (Pune)

DEPARTMENT OF CHEMISTRY

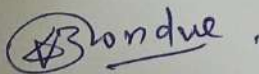


CERTIFICATE

Roll No. 16318

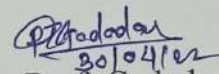
Exam No.

This is to certify that, Mr. Udaykumar Rambhau Jadhav (M.Sc. II Inorganic Chemistry) has successfully work on, the project entitled **“synthesis of Dyes and Pigments Of Phthalocynine Ligand With Various Metals”** in department of chemistry under the guidance of Prof. Gadadare R. T. during academic year 2021-2022 partial fulfillment for award of Master of Science in Inorganic Chemistry.



Prof. R.S. Bhondave

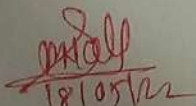
PG Co-ordinator



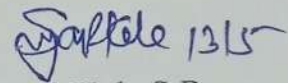
Prof. Gadadare R. T.

Project In-charge

Department of Chemistry



External Examiner



Prof. Kale S.R.

Head Dept. of Chemistry

Head

DEPARTMENT OF CHEMISTRY
Tuljaram Chaturchand College
Baramati (Dist.Pune)

Anekant Education Society's
Tuljaram Chaturchand College, Baramati



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PROJECT REPORT

ON

**"SYNTHESIS OF DYES & PIGMENT OF
PHTHAIOCYNINE LIGAND WITH VARIOUS
METALS"**

At

TULJARAM CHATURCHAND COLLEGE BARAMATI

Submitted to

DEPARTMENT OF CHEMISTRY

For

M.SC.II INORGANIC CHEMISTRY

By

Mr. Udaykumar Rambhau Jadhav.

Under the Guidance of

Prof. R.T. Gadadare