

**“SYNTHESIS AND STRUCTURAL CHARACTERIZATION OF
COBALT SUCCINATE COORDINATION COMPOUNDS
CONSTRUCTED USING RIGID N-DONOR LIGANDS”**

DISSERTATION

Course code: CGO-500

8 Credits

Submitted in partial fulfilment of
Requirement of the Degree of
M.Sc. Part II (Inorganic Chemistry)

By

Ms. NEHA KAMAT

21P049028

Under supervision of

PROF. SUNDER N. DHURI

School Of Chemical Sciences

Inorganic Chemistry



GOA UNIVERSITY

April-2023



Examined by:

[Signature]
08/05/2023

[Signature]
08/05/2023

[Signature]
08/05/23

Seal of the School

[Signature]
08/05/2023

DECLARATION BY STUDENT

I hereby declare that the data presented in this dissertation entitled "**Synthesis And Structural Characterization Of Cobalt Succinate Coordination Compounds Constructed Using Rigid N-Donor Ligand**" is based on the results of investigations carried out by me in the School Of Chemical Sciences, Goa University, Taleigao Plateau, Goa under the supervision of **Prof. Sunder N. Dhuri** and the same has not been submitted elsewhere for the award of a degree or diploma by me. Further I understand that Goa University or its authorities will be not responsible for the correctness of experimental or other findings given the dissertation. I hereby authorize the University authorities to upload this dissertation on the dissertation repository or anywhere else as the UGC regulations demand and make it available to any one as needed.



Ms. Neha Kamat

21P049028

MSc Part II Inorganic Chemistry
School of Chemical Sciences, Goa University

Date: April 2023

Place: Goa University

COMPLETION CERTIFICATE

This is to certify that dissertation report "**Synthesis And Structural Characterization Of Cobalt Succinate Coordination Compounds Constructed Using Rigid N-Donor Ligand**" is bonafide work carried out by Ms. Neha Datta Kamat under my supervision in partial fulfilment of the requirement for the award of the degree of Master of Science in School Of Chemical Sciences in the discipline at the Goa University.

Prof. Sunder N. Dhuri
Vice Dean Academic
School Of Chemical Sciences,
Goa University

Date: April 2023


06/05/2023

Prof. V. M. S. Verenkar

Dean

School of Chemical Sciences

Date: April 2023

Place: Goa University

Dean

**School of Chemical Sciences
GOA UNIVERSITY**



School Stamp