## Understanding the molecular basis of halogenated Schiff base derivative by crystal structure and computational studies

Project submitted to the University of Mysore in fulfillment of the requirement for the degree of

## **Master of Science**

in Physics

By

Sharanya R. (PY120297)

and Siddesh M. (PY120301)

Project Guide

Prof. Lokanath N. K.

Department of Studies in Physics University of Mysore, Manasagangotri Mysuru - 570006

August 2022



## **DECLARATION**

We, Sharanya R. and Siddesh M. hereby declare that the present project report entitled Understanding the molecular basis of halogenated Schiff base derivative by crystal structure, and computational studies result of project work done by us in fourth semester of the Master's degree in Physics under the guidance of Dr. Lokanath N. K., Professor, Department of Studies in Physics, Manasagangotri, Mysuru. The subject matter has not previously formed the basis for the award of any degree, diploma, fellowship or other similar titles.

Sharanya R.

Cidlesh M.

Dr. N. K. Eokanath Luide
Professor of Physics
Department of Studies in Physics
University of Mysore, Manasagangoth
Mysore-570 006, INDIA.

Chairman