

**SYNTHESIS AND SPECTRAL ANALYSIS OF SCHIFF BASE
LIGAND DERIVED FROM 5-BROMO SALICYALDEHYDE- O-
PHENYLENE DIAMINE**



A Dissertation submitted to the University of Mysore
In partial fulfilment for the award of the Degree of

**MASTER OF SCIENCE
IN
CHEMISTRY**

UNIVERSITY OF MYSORE
DEPARTMENT OF STUDIES IN CHEMISTRY
SIR M. VISVESHWARAYA POST GRADUATE CENTRE
TUBINAKERE, MANDYA
Submitted By,
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Under the Guidance of
AJAY KUMAR B
Guest Lecturer

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SEPTEMBER-2020



DECLARATION

I do hereby declare that the work described in this dissertation, entitled
**“SYNTHESIS AND SPECTRAL ANALYSIS OF SCHIFF BASE LIGAND
DERIVED FROM 5-BROMO SALICYLALDEHYDE- O-PHENYLENE
DIAMINE”** was carried out by me under the supervision of **AJAY KUMAR
.B, Guest Lecturer, Sir M.V.PG Centre, Tubinakere, Mandya** I further
declare that the work is original and has not been submitted in part or in full for
the award of any Degree or Diploma of any other university.

Date: 13/10/2020

Place: Tubinakere

Thejaswini D.J
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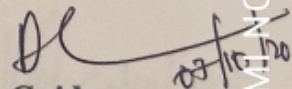


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Certificate

This is to certify that the dissertation entitled **“SYNTHESIS AND SPECTRAL ANALYSIS OF SCHIFF BASE LIGAND DERIVED FROM 5-BROMO SALICYLALDEHYDE- O-PHENYLENE DIAMINE”** Submitted by **THEJASWINI D J (Reg. No. CH118316)** to the University for the Award of the degree of **Master of Science** in Chemistry is the result of work carried out by her in the Department of Chemistry, Sir M.V.PG Centre, University of Mysore, Tubinakere, Mandya under my guidance in the academic year 2019-2020

Date: 07/10/2020
Place: Tubinakere


Guide

AJAY KUMAR B