



GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR

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DEPARTMENT OF CHEMISTRY

CERTIFICATE OF THE GUIDE

This is to certify that the project (review) work entitled "A BRIEF OVERVIEW ON LUMINESCENT RECOGNITION AND CHEMOSENSING OF CARBONATE ION" is a review of work carried out by RENUKA DAFADAR, under my guidance for the award of DEGREE OF M.Sc. [MASTER OF SCIENCE] IN CHEMISTRY in GURU GHASIDAS VISHWAVIDYALAYA BILASPUR [C.G.]

To the best of my knowledge and believe the project:

- Embodies the work of the candidate herself and has not been submitted for award of any degree.
- Fulfils the requirement of the ordinance M.Sc. degree of the university.

Patra 13/08/24

[SIGNATURE OF GUIDE]

Prof. GOUTAM K PATRA