

## CERTIFICATE OF THE GUIDE

This is to certify that the project work entitled "Recent advancements in the fabrication of colorimetric and fluorometric sensors for the detection of basic amino acid" is record of work carried out by DIVYA PATEL under my guidance for the award of degree of M.Sc. guru ghasidas university Bilaspur (C.G.).

To the best of my knowledge and belief of the project

- 1) Embodies the work of the candidate herself and has not been submitted for award of any degree.
- 2) Has duly been completed.
- 3) Fulfills the requirement of the ordinance relating to the M.Sc. degree of university and
- 4) Is up to the desired standard in respect of content and is being referred to the examiners.

  
Signature of Supervisor

G.K. Patra

Professor, Dept. of Chemistry