DECLARATION

I here by declare that this thesis is based on the results of experiments carried out by me, that the thesis is my own composition and that it has not previously been presented for any other degree or diploma.

This research work was carried out in the physical chemistry laboratory of the Post-Graduate Department of chemistry, Karnataka University, Dharwad, under the supervision of Dr. S.T. Nandibewoor.

DHARWAD

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(D.L. Kamble)