

Department of Chemistry
D.V. Postgraduate College, Orai-285 001 (U.P.)

Dr I. M. Beg, D.Phil.

Head of Department

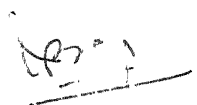
Certificate

I am pleased to certify that the work presented in this thesis entitled," PHYSICO-CHEMICAL STUDIES OF ASYMMETRIC PHTHALEINS - THEIR SYNTHESIS AND COLOUR " was carried out under my supervision by the candidate Ms Deepti Gupta solely by herself for the degree of DOCTOR OF PHILOSOPHY of BUNDELKHAND UNIVERSITY. I further certify that the work and the approach adopted by her is entirely original and it has neither been carried out by anyone else in the same form or manner nor it has been submitted for any other degree of this or any other University.

Ms Deepti has put in more than two hundred days of work in the Chemical Laboratory of Dayanand Vedic Postgraduate College, Orai

Orai

Dated 24/12/06


(DR I.M. BEG)

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Dayanand Vedic Postgraduate College,
Orai