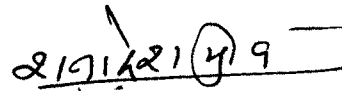


CERTIFICATE

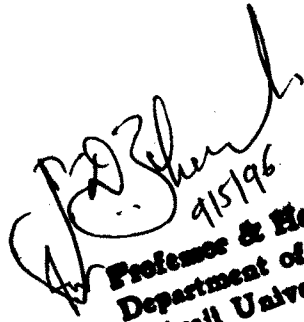
I hereby certify that the entire work embodied in the dissertation entitled " ABSORPTION STUDIES ON MALACHITE GREEN AND ROSE BENGAL COMPLEX IN DIFFERENT SOLVENTS", has been carried out by Shri. G. T. Dhopade under my guidance in the department of chemistry, Shivaji University, Kolhapur and that no part of it has been submitted previously for any degree or diploma of any other university.

Head,
Chemistry Deptt.,
Shivaji University,
Kolhapur

Place: Kolhapur
Date 3rd May 96


Dr. S. N. Deshmukh,
M.Sc.Ph.D.,
(Research Guide)
Department of Chemistry,
Shivaji University, Kolhapur

READER
DEPARTMENT OF CHEMISTRY
SHIVAJI UNIVERSITY,
KOLHAPUR-416 004


9/5/96
Professor & Head
Department of Chemistry,
Shivaji University,
Kolhapur,