

CERTIFICATE

I certify that the dissertation entitled
" SYNTHESIS AND BIOLOGICAL ACTIVITY OF SOME NEW QUINOLONE
DERIVATIVES " submitted by Mr. S. H. Patil for the award of
Degree of Master of Philosophy in Chemistry of Shivaji University
Kolhapur, to the Faculty of Science is a record of bonafied work
carried out by him under my guidance and supervision.

It is further certified that he has worked under my
supervision more than six months for preparing the dissertation
at Shivaji University, Kolhapur.

Kolhapur

Date : 30-4-1994

Dr. M.B. Deshmukh (Hogale)

Department of Chemistry

Shivaji University,
Kolhapur-416004

Professor & Head
Department of Chemistry,
Shivaji University,
Kolhapur.