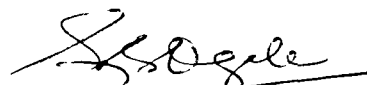


CERTIFICATE

Certified that the work incorporated in the thesis "DESIGN AND DEVELOPMENT OF AN INTERNAL FRICTION APPARATUS FOR FILMS AND FOILS AND ITS USE FOR ANELASTIC RELAXATION STUDIES ON SOME SILICON BASED SYSTEMS" submitted by Mr. Ram Lal was carried out by the candidate under my supervision. Such material as has been obtained from other sources has been duly acknowledged in the thesis.


(Prof. S.B. OGALE)

Research Guide