Certificate

This is to certify that Patel Rinkalben Jitendrabhai has worked under my guidance to prepare the thesis entitled "Mathematical Study of Compact Stars in General Relativity" which is being submitted herewith towards the requirement for the degree of Doctor of Philosophy in Applied Mathematics.

Dr. B. S. Ratanpal Department of Applied Mathematics Faculty of Technology & Engineering The M S University of Baroda Vadodara - 390 001.

Head,

Dept. of Applied Mathematics Fac. of Technology & Engineering The M. S. University of Baroda Vadodara - 390 001. Dean,

Fac. of Technology & Engineering The M. S. University of Baroda Vadodara - 390 001.