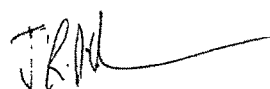


CERTIFICATE

This is to certify that the thesis entitled '*Expansive homeomorphisms on topological spaces and G-spaces*' contains an original piece of work carried out by Mrs. Ruchi T. Das under my guidance. She has put in research for the requisite number of terms as required by the University. It is also certified that the work has not been submitted to any other University / Institution for any research degree.

December 23, 1994


(Dr. J. R. Patadia)
Supervisor