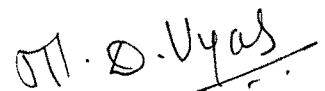


CERTIFICATE

This is to certify that the thesis submitted by Shri Satinder Jeet Singh Gill contains original data and is the original work of Shri Gill. He has worked under my direct guidance and supervision.

Baroda

Date: 20-10-2000


Dr. M. D. Vyas
Research Guide