Declaration

I, **Mr. Nishithkumar S. Bhatt** hereby declare that the work reported in this thesis entitled, "Application of Neural Networks for biomedical signal processing" submitted for the award of the degree of **DOCTOR OF PHILOSOPHY** in Electrical Engineering, The M. S. University of Baroda, Vadodara is original and was carried out in the Department of Electrical Engineering, Faculty of Technology & Engineering, M. S. University of Baroda, Vadodara. I further declare that this thesis is not substantially the same as one, which has already been submitted in part or in full for the award of any degree or academic qualification of this University or any other Institution or examining body in India or abroad.

July 2005   **Mr. Nishithkumar S. Bhatt**