

## ***Certificate***

This is to certify that the thesis entitled, *“Design And Implementation Of Robust Adaptive Neuro-Fuzzy Observer Estimator For Optimal Process Control Systems”* submitted by **Mr. Ishavarbhai B. Patel** in fulfillment of the degree of **DOCTOR OF PHILOSOPHY** in Electrical Engineering Department, Faculty of Technology & Engineering, The M. S. University of Baroda, Vadodara is a bonafide record of investigations carried out by him in the Department of Electrical Engineering, Faculty of Technology & Engineering, M. S. University of Baroda, Vadodara under my guidance and supervision. In my opinion this has attained the standard fulfilling the requirements of the Ph.D. Degree as prescribed in the regulations of the University.

July 2006



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