



## **Certificate**

This is to certify that the thesis entitled, '*Development of New Strategies for Real Time Embedded Speech Enhancement and Detection for Wireless Communication*' submitted by *Jigar H. Shah* in fulfillment of the degree of *Doctor of Philosophy in Electrical Engineering*, is a bona fide record of investigations carried out by him at the Electrical Engineering Department, Faculty of Technology and Engineering, The M. S. University of Baroda, Vadodara under my guidance and supervision. In my opinion the standards fulfilling the requirements of the Ph.D. Degree as the prescribed regulations of the University has been attained.

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