

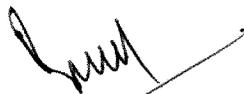
## Certificate

This is to certify that Mr. Archit A. Yajnik has worked under my guidance to prepare the thesis entitled "A study of Wavelets, Artificial Neural Networks And their Applications in Signal and Natural Language Processing" which is being submitted herewith towards the requirement for the degree of Doctor of Philosophy in Applied Mathematics.



---

Prof. S. Rama Mohan  
Department of Applied Mathematics  
Faculty of Technology & Engineering  
The M. S. University of Baroda  
Vadodara – 390 001



---

Dr. D. P. Patel  
Head,  
Department of Applied Mathematics  
Faculty of Technology & Engineering  
The M. S. University of Baroda  
Vadodara – 390 001



---

Prof. B. S. Parekh  
Dean,  
Faculty of Technology & Engineering  
The M. S. University of Baroda  
Vadodara – 390 001