## Certificate

This is to certify that Ms Pooja Jitendra Shah has worked under my guidance to prepare the thesis entitled "Medical Diagnosis of Breast Tumor Using Kernel Machines" which is being submitted herewith towards the requirement for the degree of Doctor of Philosophy in Applied Mathematics.

Physolul 2023

Dr. Trupti P. Shah Associate Professor Department of Applied Mathematics Faculty of Technology & Engineering The Maharaja Sayajirao University of Baroda Vadodara - 390 001. Nila Mah

my.

Dr. B. M. Shah Head of the Department Department of Applied Mathematics Faculty of Engineering and Technology The Maharaja University of Baroda, Vadodara – 390 001

Applied Mathematics Department
Faculty of Technology & Engineering
Thursday Sayajirao University of Baroda
Vadodara

Prof.(Dr.) Dhanesh Patel
Dean
Faculty of Engineering and Technology
The Maharaja University of Baroda,
Vadodara – 390 001

Faculty of Tech. & Engg.
The M. S. University of Baroda.
Vadodara.