DECLARATION

I, Ms. Bhavna K Pancholi declares that the thesis entitled **Brain Tumor Detection and Classification using Novel Image Segmentation Approach for MRI Images** submitted by me for the degree of Doctor of Philosophy is the record of research work carried out by me during the period from 2018 to 2023 under the supervision of my guide Dr. Pramod S Modi. This work has not formed the basis for the award of any degree, diploma, associateship, fellowship, titles in this or any other University or other institution of higher learning. I further declare that the material obtained from other sources have been duly acknowledged in the thesis. I shall be solely responsible for any plagiarism or other irregularities, if noticed in the thesis.

August, 2023   **Bhavna K Pancholi**