

Declaration

I, hereby declare that the research work presented in thesis entitled **“LOW COHERENCE INTERFEROMETRIC TECHNIQUES FOR IMAGING AND OPTICAL CHARACTERIZATION OF CELLS AND TISSUES”** has been carried out by me in the Applied Physics Department, Faculty of Technology and Engineering, The Maharaja Sayajirao University of Baroda, Vadodara, India under the supervision of Dr. Arun Anand. I declare that the results embodied in this thesis have not been submitted for the award of any other Degree or Diploma to this University or any other University or Institute.

Date: 22/02/2022

Mugdha Joglekar

Research Scholar

Applied Physics Department