

DECLARATION BY THE CANDIDATE

I declare that the thesis entitled “**COLLECTIVE EXCITATIONS AND MANY PARTICLE ASPECTS OF GRAPHENE**” is my own work conducted under the supervision of **Prof. A. C. Sharma** at **Physics Department, Faculty of Science, The Maharaja Sayajirao University of Baroda, Vadodara, Gujarat, India**, approved by Research Committee. I have put more than 200 days of attendance with the supervisor at the center.

I further declare that to the best of my knowledge the thesis does not contain any part or any work, which has been submitted for the award of any degree either in this University or in any other University/Deemed University without proper citation.

Ms. MISHRA KAVITA NARAYANDUTT
(Candidate)