

Nirma University  
Institute of Science

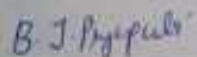
Declaration

I, Ms. Bhumika Prajapati registered as Research Scholar, bearing Registration No. 12FTPHDS16 for Doctoral Programme under the Faculty of Science of Nirma University do hereby declare that I have completed the course work, pre-synopsis seminar and my research work as prescribed under R. Ph.D. 3.5.

I do hereby declare that the thesis submitted is original and is the outcome of the independent investigations / research carried out by me and contains no plagiarism. The research is leading to the discovery of new facts / techniques / correlation of scientific facts already known. This work has not been submitted to any other University or Body in quest of a degree, diploma or any other kind of academic award.

I do hereby further declare that the text, diagrams or any other material taken from other sources (including but not limited to books, journals and web) have been acknowledged, referred and cited to the best of my knowledge and understanding.

Date: 12<sup>th</sup> Sept, 2016



(Bhumika Prajapati)

I agree with the above declaration made by the student.

Date: 12<sup>th</sup> Sept 2016



Dr. Sriram Seshadri

(Guide)