

**Declaration**

**Nirma University**

**Institute of Technology**

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I, **Mr. Kehul A. Shah**, registered as Research Scholar, bearing Registration No. **09EXTPHDE29** for Doctoral Programme under the Faculty of Technology 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 it 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/correlations 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 source(including but not limited to books, journals and web) have been acknowledged, referred and cited to the best of my knowledge and understanding.

Date: 08/12/2014



Signature of Student