

A

THESIS ENTITLED

**Synthesis and Characterization of Glassy
and Rubbery Polymer Nanocomposite
Membranes**

To be Submitted to

The Maharaja Sayajirao University of Baroda

For the Degree of

Doctor of Philosophy

In

Applied Physics

By

Patel Harsh Dineshbhai

(CSIR NET- JRF)

Under the Supervision of

Dr. Naveen Kumar Acharya



**Applied Physics Department,
Faculty of Technology & Engineering,
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Vadodara – 390001, Gujarat, India**

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