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### **DECLARATION BY THE CANDIDATE**

I hereby declare that the thesis entitled as '***ELECTROCHEMICAL STUDIES OF SPINEL CATHODE MATERIAL AND NANOCOMPOSITE POLYMER ELECTROLYTE***' submitted for the award of '***Doctor of Philosophy***' is my own research work carried out under the guidance and supervision of *Prof. Dinesh K. Kanchan* at Physics Department, Faculty of Science, The Maharaja Sayajirao University of Baroda, Vadodara, India. The entire research work is completed according to the terms and conditions required by the University.

I further declare that this thesis is absolutely original in its contents and does not contain any part or any work that has been submitted for the award of any other degree, diploma, associateship, fellowship or similar title either in this University or in any other University/Institute.

**Prajakta Niranjana Joge**