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CERTIFICATE

This is to certify that Ms. Gargi Dave, Research Scholar, has carried out the work of the thesis entitled *"Effect Of Ion Beam Irradiation On Sodium Salt Based Polymer Nano-Composite Electrolyte For Battery Application"* for the award of *"Doctor of Philosophy"* to The M.S. University of Baroda, Vadodara, Gujarat. This is also to certify that the statement made by the candidate above in her certificate is correct to the best of my knowledge.

Prof. H. Kataria Dean, Faculty of Science The Maharaja Sayajirao University of Baroda **Prof. Dinesh Kumar Kanchan** Research Supervisor & Ex-Director, Research and Consultancy Cell (MSU)