

Development of Polyvinyl Alcohol based Alkaline Membrane Electrolyte for Direct Sodium Borohydride Fuel Cell



Thesis submitted in partial fulfilment
Award of Degree

Doctor of Philosophy

by

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2024

Dedicated to My Beloved

Parents &

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I, "Neeraj Kumar Yadav", certify that the work embodied in this thesis is my own bona fide work and carried out by me under the supervision of "Prof. Hiralal Pramanik" from "January 2019 to May 2024" at the "Department of Chemical Engineering & Technology", Indian Institute of Technology (BHU), Varanasi. The matter embodied in this thesis has not been submitted for the award of any other degree/diploma. I declare that I have faithfully acknowledged and given credits to the research workers wherever their works have been cited in my work in this thesis. I further declare that I have not wilfully copied any other's work, paragraphs, text, data, results, etc., reported in journals, books, magazines, reports dissertations, theses, etc., or available at websites and have not included them in this thesis and have not cited as my own work.

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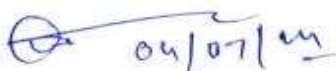
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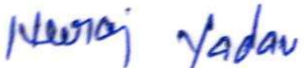
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