

CERTIFICATE

It is certified that the work contained in the thesis titled "STUDY OF STEAM METHANE REFORMING CATALYSTS FOR MEMBRANE REFORMER" by **ANJALI BAUDH** has been carried out under our supervision and that this work has not been submitted elsewhere for a degree.

It is further certified that the student has fulfilled all the requirements, comprehensive examination, candidacy and SOTA, for the award of Ph.D. Degree.



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DECLARATION BY THE CANDIDATE

I, ANJALI BAUDH, certify that the work embodied in this thesis is my bonafide work and carried out by me under the supervision of Prof. Rajesh Kumar Upadhyay and Dr. Sweta from July 2019 to February 2025, 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 this thesis. I further declare that I have not wilfully copied any other's work, paragraph, text, data, results, etc., reported in journals, books, magazines, reports, dissertations, etc., or available at websites and have not included them in this thesis and have not cited as my work.

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It is certified that the above statement made by the student is correct to the best of my/our knowledge.

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