

# Development of Platinum-based Bimetallic Cathode Electrocatalysts for Proton Exchange Membrane Fuel Cell Application



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Award of Degree

**Doctor of Philosophy**

By

*Abhay Pratap Singh*

DEPARTMENT OF CHEMICAL ENGINEERING & TECHNOLOGY  
INDIAN INSTITUTE OF TECHNOLOGY  
(BANARAS HINDU UNIVERSITY)  
VARANASI - 221005  
INDIA

Roll No. 17041008

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