

# *Synthesis of Co-Pd-Si nanocomposite and its Application in Oxygen Evolution Reaction*



*Thesis submitted in partial fulfillment for the  
Award of Degree*

***DOCTOR OF PHILOSOPHY***

*By*

***Chitra Singh***

***DEPARTMENT OF CHEMISTRY  
INDIAN INSTITUTE OF TECHNOLOGY  
(BANARAS HINDU UNIVERSITY)  
VARANASI-221005  
INDIA***

***Roll No. 19051003***

***2024***