



# APPLIED PHYSICS DEPARTMENT

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## CERTIFICATE

This is to certify that work presented in the thesis entitled “**STUDY OF MOLECULAR PROCESSES THROUGH CHARGED PARTICLE SCATTERING**”, submitted by **Mr. Dhavalkumar Sudhirbhai Chauhan** for the award of the degree of **Doctor of Philosophy in Applied Physics**, includes the original research work carried out by him under my supervision in the *Applied Physics Department, Faculty of Technology and Engineering, The Maharaja Sayajirao University of Baroda, Vadodara, Gujarat, India.*

  
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