

**HIGH TEMPERATURE SOLID PARTICLE EROSION OF TYPE 446  
STAINLESS STEEL**



**Thesis submitted in partial fulfillment**

**for the Award of Degree**

*Doctor of Philosophy*

*By*

**ANKITENDRAN MISHRA**

**DEPARTMENT OF METALLURGICAL ENGINEERING  
INDIAN INSTITUTE OF TECHNOLOGY  
(BANARAS HINDU UNIVERSITY)  
VARANASI-221005**

Roll No: 15141501

Year of Submission: 2019