

## CERTIFICATE

It is certified that the work contained in the thesis titled “**Some Mathematical Models in Moving Boundary Problems**” by **Ajay Kumar** has been carried out under my/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 of Comprehensive Examination, Candidacy and SOTA for the award of Ph.D. Degree.

**(Dr. Rajeev)**

Supervisor  
Associate Professor  
Department of Mathematical Sciences  
Indian Institute of Technology  
(Banaras Hindu University)  
Varanasi- 221005