

CERTIFICATE

It is certified that the work contained in the thesis titled **Dynamics of Eruptive Prominences and Their Response in the Sun's Atmosphere** by **Mr. Sudheer Kumar Mishra** (Roll Number **16171003**), in partial fulfillment of the requirement for the award of the degree of Doctor of Philosophy at the **Indian Institute of Technology (B.H.U.), Varanasi** is a record of his own work carried out under my supervision and guidance and 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 in Physics.

Abhishek K. Srivastava
28/09/2020

Supervisor

(Abhishek K. Srivastava)

Associate Professor

Department of Physics

Indian Institute of Technology

(Banaras Hindu University)

Varanasi-221005

Associate Professor

Department of Physics

Indian Institute of Technology

(Banaras Hindu University)

Varanasi-221005