

CERTIFICATE

It is certified that the work contained in the thesis titled **Plasma Flows and their Physical Implications in the Sun's Atmosphere** by **Ms. Yamini** (Roll Number **16171002**), 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 her own work carried out under my/our 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
7/7/2020

Supervisor

(Dr. Abhishek K. Srivastava)

Associate Professor

Department of Physics

Indian Institute of Technology

(Banaras Hindu University)

Varanasi **Associate Professor**

Department of Physics

Indian Institute of Technology

(Banaras Hindu University)

Varanasi-221005

Bhola N. Dwivedi
7/7/2020

Co-Supervisor

(Prof. Bhola N. Dwivedi)

Institute Professor

Department of Physics

Indian Institute of Technology

(Banaras Hindu University)

Varanasi

COPYRIGHT TRANSFER CERTIFICATE

Title of the Thesis: "Plasma Flows and their Physical Implications in the Sun's Atmosphere"

Name of the Student : Yamini

Copyright Transfer

The undersigned hereby assigns to the Indian Institute of Technology (Banaras Hindu University) Varanasi all rights under copyright that may exist in and for the above thesis submitted for the award of the "*Doctor of Philosophy*".

Date: 04/07/2020

Place: IIT (BHU), Varanasi

Signature

(Yamini)

Yamini
04/07/2020

Note: However, the author may reproduce or authorize others to reproduce material extracted verbatim from the thesis or derivative of the thesis for author's personal use provided that the source and the Institute's copyright notice are indicated.

