

In honour of my late grandparents ...

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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.

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It is certified that the above statement made by the student is correct to the best of my/our knowledge.

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