

**Thesis Completion Certificate**

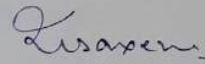
This is to certify that the thesis on "**Mathematical Modeling and modern control based validation of automotive smart power window**" by **Roushan Kumar** in the Partial completion of the requirements for the award of the Degree of Doctor of Philosophy (Engineering) is an original work carried out by him under our joint supervision and guidance.

It is certified that the work has not been submitted anywhere else for the award of any other diploma or degree of this or any other University.



Internal Guide

**Dr. Neelu J. Ahuja**



External Guide

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