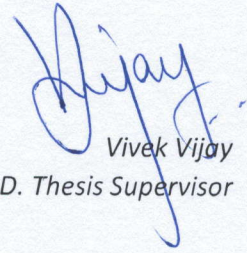


Certificate

This is to certify that the thesis titled *Short-term solar irradiance forecasting and performance analysis of solar PV systems*, submitted by *Rakesh Kumar (PG201283007)* to the Indian Institute of Technology Jodhpur for the award of the degree of *Doctor of Philosophy*, is a bonafide record of the research work done by him under my supervision. To the best of my knowledge, the contents of this report, in full or in parts, have not been submitted to any other Institute or University for the award of any degree or diploma.



Vivek Vijay
Ph.D. Thesis Supervisor