## CERTIFICATE

It is certified that the work contained in the thesis titled "Tribological studies of Schiff bases and some nanomaterials" by "*Bharat Kumar*" has been carried out under my supervision and that this work has not been submitted elsewhere for adegree.

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.

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