

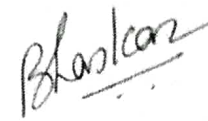
CERTIFICATE

It is certified that the work contained in the thesis titled "*Early Classification of Sensors Generated Multivariate Time Series using Probabilistic Approaches*" by *Ashish Gupta* has been carried out under our supervision and that this work has not been submitted elsewhere for a degree.

It is further certified that the student has fulfilled all requirements of Comprehensive Examination, Candidacy, and SOTA for the award of Ph.D. Degree.


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