## **Certificate**

This is to certify that the thesis entitled, "Existence of Inverse Relationship in Raga Scales of Hindustani System of Indian Music: Inverted Harmonic patterns of Consonance and Dissonance; - (A case study)", submitted to The M.S university of Baroda, Vadodara for Ph.D degree by Mr Praveen Kumar Mittal is a record of research done by him during the period of his study under me from March, 2012 to Sep, 2014

## Dr Rakesh. J Mahisuri

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## (Prof. A.S.Pathan)

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Place: Vadodara Date:06.08.2015