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CERTIFICATE

This is to certify that, the dissertation entitled "ON THE PROPAGATION EQUATIONS OF ELECTRIC AND MAGNETIC PARTS OF WEYL TENSOR IN EINSTEIN-CARTAN THEORY OF GRAVITATION", submitted by *Archana Sadashiv Patil* for the award of degree of *Master of Philosophy in Mathematics* of Shivaji University, Kolhapur, is duly completed under my supervision and guidance and embodies the work entirely done by her.

It is hereby declared that, the work reported in this dissertation is original and has not been previously submitted to this or any other university for the award of any degree or diploma.

Place: Kolhapur.
Date: 12-01-2013

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