

**ON THE PROPAGATION EQUATIONS OF
ELECTRIC AND MAGNETIC PARTS OF WEYL
TENSOR IN EINSTEIN-CARTAN THEORY OF
GRAVITATION**

**A DISSERTATION SUBMITTED TO
SHIVAJI UNIVERSITY, KOLHAPUR**

**IN PARTIAL FULFILLMENT OF THE COURSE
FOR THE DEGREE OF MASTER OF PHILOSOPHY**

IN

MATHEMATICS

**UNDER THE FACULTY OF
SCIENCE**

BY

**ARCHANA SADASHIV PATIL
M.Sc., SET**

UNDER THE GUIDANCE OF

**Prof. Dr. L. N. KATKAR
M.Sc., Ph.D.**

**DEPARTMENT OF MATHEMATICS
SHIVAJI UNIVERSITY, KOLHAPUR-416004**

January 2013

SHIVAJI UNIVERSITY LIBRARY
SHIVAJI UNIVERSITY, KOLHAPUR.

507-5805-10/16899