

**A STUDY OF SPIN AND TORSION
IN
GENERAL RELATIVITY**

A DISSERTATION SUBMITTED TO
SHIVAJI UNIVERSITY KOLHAPUR

FOR THE PARTIAL FULFILMENT FOR THE DEGREE OF
MASTER OF PHILOSOPHY
IN
MATHEMATICS

BY
KISHOR SAMBHAJI GAIKWAD
M. Sc., B. Ed.

RESEARCH GUIDE
Dr. S. B. KALYANSHETTI
M. Sc., Ph. D.
READER, HEAD, DEPARTMENT OF MATHEMATICS
P. D. V. P. COLLEGE TASGAON

DEPARTMENT OF MATHEMATICS
SHIVAJI UNIVERSITY KOLHAPUR
AUGUST, 1998