## SHIVAJI UNIVERSITY, KOLHAPUR

( MAHARASHTRA ) INDIA

Department of Mathematics

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## CERTIFICATE

I certify that the dissertation entitled "ELECTROMAGNETIC FIELD IN CURVED SPACE-TIME" which is being submitted by Shri Chandrashekhar Ganesh Patwardhan for the award of the degree of Master of Philosophy in Mathematics of Shivaji University, Kolhapur under the Faculty of Science, is a record of bonafide work carried out by him under my supervision and guidance. The dissertation is well upto the standard both in respect of content and its literary presentation for being referred to the examiners.

Kolhapur. Date: 2/6/86

(Dr.G.G.Asgekar)

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