SHIVAJI UNIVERSITY, KOLHAPUR

Dr.L.N.Katkar M.Sc., Ph.D.

Department of Mathematics

CERTIFICATE

It is certified that the Dissertation entitled "The Study of Null Congruences in General Relativity" submitted by Miss G.S.Baganikar for the award of the 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.

Place: Kolhapur.

Date: \$\\ \frac{4}{5} \| \ 93

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