



Ref. No.

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CERTIFICATE

This is to certify that the present thesis entitled, " On Cosmological Models of The Early Universe" , is a Ph. D. (Science) thesis submitted by Mr. Dilip Paul, M. Sc. (Physics). The research work presented in the thesis is original contribution. The research work is carried out under my supervision at the Department of Physics, University of North Bengal. No part of the thesis has ever been submitted for obtaining a Ph. D. degree from this department. Mr. Paul has made significant contribution to every stage of the investigation, and he has fulfilled all the requirements to submit a Ph. D. thesis. To the best of my understanding, in character and disposition, Mr. Dilip Paul is fit to submit his thesis for Ph. D. (Science) degree.

I recommend the submission of thesis.

Date: 15.1.09



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