

DECLARATION

I hereby declare that the work presented in this thesis titled **Dark Energy in Higher Dimensional Spherically Symmetric Space-time** submitted in partial fulfilment of the requirements for the award of the Degree of **Doctor of Philosophy in Mathematics** to Bodoland University, Kokrajhar, Assam, India is an authentic record of my own research carried out under the supervision and guidance of **Dr. Kangujam Priyokumar Singh**, Professor, Department of Mathematical Sciences, Bodoland University, Kokrajhar.

The work presented in this thesis has not been submitted, in parts or full, for the award of any other degree or diploma to this or any other institute/university, except for some chapters that have been published in international journals of repute.



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