

DECLARATION

I hereby declare that I have carried out the present research work, entitled “**A Study on Some Properties of Topological Groups Based on Neutrosophic Set**” under the guidance and supervision of Dr. Bhimraj Basumatary, Assistant professor, Department of Mathematical Sciences, Bodoland University, Kokrajhar, Assam, India. The thesis has been submitted to Bodoland University for the award of the degree of Doctor of Philosophy in the Faculty of Science & Technology.

I further declare that the analyses and results presented in this thesis represent my original work that has not been previously submitted for a degree or diploma at any university or institution of higher education.

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