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CERTIFICATE OF THE SUPERVISOR

This is to certify that the thesis entitled "**A study on clean and nil clean properties of rings**" submitted to the School of Sciences of Tezpur University in partial fulfilment for the award of the degree of Doctor of Philosophy in Mathematical Sciences is a record of research work carried out by **Jayanta Bhattacharyya** under my supervision and guidance. All help received by him from various sources have been duly acknowledged.

No part of this thesis have been submitted elsewhere for award of any other degree.

Place: Tezpur
Date:

Dr. Dhiren Kumar Basnet