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CERTIFICATE OF THE SUPERVISOR

This is to certify that the thesis entitled “**Reducing and minimal reducing subspaces of the shift and pseudo shift operators**” submitted to the School of Sciences, Tezpur University in partial fulfillment for the award of the degree of Doctor of Philosophy in Mathematical Sciences is a record of research work carried out by **Pearl Sanchayeta Gogoi** under my supervision and guidance.

All help received by her from various sources have been duly acknowledged.

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

Place: Tezpur

Professor Munmun Hazarika

Date: