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CERTIFICATE

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It is certify that the work embodied in this thesis entitled “Study of Some Aspects of fuzzy operations and Bioperations” by Bidyut Kalita, a Ph.D scholar has been carried out under my supervision and guidance in the Department of Mathematics, Gauhati University and no part of it has previously formed the basis for the award of any other degree or diploma in any other university. The candidate fulfills all the requirements for submission of this thesis for award of Doctor of Philosophy in Mathematics of Gauhati University.

Dated: Guwahati

Nanda Ram Das