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I certify that the thesis entitled "STUDIES ON POPULATION DYNAMICS AND ACTIVITY MEASUREMENT OF MICROBIAL COMMUNITIES OF PADDY FIELD SOIL" submitted by Miss Manjumani Baruah, M.Sc. for the degree of Doctor of Philosophy of the North-Eastern Hill University, Shillong embodies the record of original investigation carried out by her under my supervision. She has been duly registered and the thesis presented is worthy of being considered for the award of the Ph.D. degree. This work has not been submitted for any degree of any other University.

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Signature of the Supervisor

Date : 2/6/83

Place : Shillong.

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