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I certify that the thesis entitled "An analysis of nodule population dynamics in white clover (Trifolium repens L.) under different ecological conditions" submitted by Debashis Dutta, for the degree of Doctor of Philosophy of the North-Eastern Hill University, Shillong, embodies the record of original investigation by him under my supervision. He has been duly registered and the thesis presented is worthy of being considered for the award of the Ph.D. Degree. The work has not been submitted for any degree of any other University.

Shillong
The 12th December 1994.

R. S. Tripathi
Supervisor