

UNIVERSITY OF NORTH BENGAL

DEPARTMENT OF BOTANY



29th August, 1997

This is to certify that Mrs Banani Sarkar has carried out her research work under our joint supervision. Her thesis entitled "**Biochemical and serological changes in soybean in relation to interaction between *Bradyrhizobium japonicum* and *Fusarium oxysporum***" is based on her original work and is being submitted for the award of Doctor of Philosophy (Science) degree in Botany in accordance with the rules and regulations of the University of North Bengal.

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