

DECLARATION

*I, Chitralekha Sengupta, declare that this thesis entitled '**STUDY ON SOIL FERTILITY RESTORATION IN OVERBURDEN DUMPS THROUGH BIOLOGICAL MEANS IN BASTACOLA OPENCAST MINE, JHARIA (JHARKHAND) COALFIELDS**' submitted on partial fulfilment of the requirement for the award of the degree of Doctor of Philosophy, Department of Botany and Forestry, Vidyasagar University, is wholly my work unless referred or acknowledged. This thesis has not been submitted to any other academic institution for qualification.*

Place: *Kolkata*

Chitralekha Sengupta
Signature of the candidate

Date: *8/8/18*