## **CERTIFICATE**

It is certified that the work contained in the thesis titled "Study on biogas production from locally available biomass" by Ms Renu Bala, has been carried out under my supervision and that this work has not been submitted elsewhere for a degree.

It is further certified that the student has fulfilled all the requirements of Comprehensive Examination, Candidacy and SOTA for the award of Ph.D Degree.

Supervisor Professor Monoj Kumar Mondal Department of Chemical Engineering and Technology IIT (BHU), Varanasi