

CERTIFICATE

It is certified that the work contained in the thesis titled **Studies on CO₂ Capture using Aqueous Blend of DEEA and Diamines** by **Shailesh Kumar** 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, Candidacy and SOTA for the award of Ph.D. Degree.

(Professor Monoj Kumar Mondal)

Supervisor

Department of Chemical Engineering & Technology

Indian Institute of Technology

(Banaras Hindu University)

Varanasi - 221005