CERTIFICATE

It is certified that the work contained in the thesis titled "Overburden and Flyash Mixed Disposal in Voids of Opencast Coal Mines and Its Impact on Water Quality" by "Saba Shirin" 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.

Professor Aarif Jamal (Supervisor)
Department of Mining Engineering Indian Institute of Technology (Banaras Hindu University)
Varanasi – 221 005