BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE, PILANI

**CERTIFICATE** 

This is to certify that the thesis titled Exploring Immobilization Potential of Heavy Metals in Fly Ash

and Copper Tailings and their Sustainable Utilization using Life Cycle Assessment submitted by

Rahul Dandautiya ID No 2013PHXF0411P for award of Ph.D. of the Institute embodies original work

done by him/her under my supervision.

Signature of the Supervisor:

Name in capital letters: PROF. AJIT PRATAP SINGH

**Designation**: Professor

Date: