



Birla Institute of Technology & Science, Pilani
Pilani Campus

CERTIFICATE

This is to certify that the thesis entitle “**Techno-Economic and Environmental Analyses of Hybridizing Solar Energy with Existing Coal-Based Thermal Power Plants**” submitted by **Sunil ID No 2013PHXF502P** for award of Ph.D. of the Institute embodies original work done by him under my supervision.

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