BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE, PILANI- HYDERABAD

Certificate

This is to certify that the thesis entitled, "*Tie-Line Frequency Bias Control of an Interconnected PV-Wind Hybrid Power System*" and submitted by **VENKATA PAVAN KUMAR ARAPIRALA** ID No. **2012PHXF0509H** for award of Ph.D. of the Institute embodies original work done by him/her under my supervision.

Signature of Supervisor Signature of Co-Supervisor

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Date: Date: