

**BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE
PILANI (RAJASTHAN)**

CERTIFICATE

This is to certify that the thesis entitled **“Imidazolium- and Pyridinium-based Compounds as Potential Catalysts and Chemosensors”** submitted by **VAISHALI SAINI**, ID No. **2014PHXF0014P** for the award of Ph. D. degree of the institute embodies the original work done by her under my supervision.

Signature in full of the Supervisor:

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