

## THESIS COMPLETION CERTIFICATE

**Dated:** October 3<sup>rd</sup>, 2017

This is to certify that the thesis entitled “**Physicochemical characterization and ionic liquids mediated deconstruction of lignocellulosic biomass for production of fermentable sugars**” submitted by **Mr. Tirath Raj** for the award of the degree of Doctor of Philosophy in Science (Chemistry) is a bona fide record of the research work carried out by him under my supervision and guidance. The content of the thesis, in full or parts have not been submitted to any other Institute or University for the award of any other degree or diploma.

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