



BIRLA INSTITUTE OF TECHNOLOGY

A Deemed University u/s 3 of UGC Act, 1956

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Date: 22nd Jan 2015

To Whomsoever It May Concern

This is to certify that Dr. Arvind Lal has been awarded his Ph.D in Engineering in the XXIVth convocation held on 9th April 2014. His viva voice was held on 18th November 2013.

Title of the Thesis: "Study of Biodiesel from some Vegetable Oils and their Engine Performance".

The PhD degree awarded to him is in accordance to UGC Regulations 2009, on Minimum standards and Procedure for award of Ph D.

(A.P. Krishna)
Registrar

Registrar

Birla Institute of Technology
Mesra: Ranchi

Self attested
Arvind Lal
09/05/24