Conjugate Heat Transfer in Rayleigh-Benard Convection in a Square Enclosure with Sinusoidal Bottom Wall

Project report submitted to
Visvesvaraya National Institute of Technology, Nagpur
In partial fulfillment of the requirements for the award of
the degree

Bachelor of Technology In

Mechanical Engineering

by

Vivek Vijay Potdar (BT15MEC052)

under the guidance of Dr. T. B. Gohil



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Declaration

I, Vivek Vijay Potdar, hereby declare that this project work titled "Conjugate Heat Transfer in Rayleigh-Benard Convection in a Square Enclosure with Sinusoidal Bottom Wall" is carried out by us in the Department of Mechanical Engineering of Visvesvaraya National of Technology, Nagpur. The work is original and has not been submitted earlier whole or in part for the award of any degree/diploma at this or any other Institution/University.

Date: 22/04/2019

Vivek Vijay Potdar

(BT15MEC052)

Certificate

This is to certify that the project titled "Conjugate Heat Transfer in Rayleigh-Benard Convection in a Square Enclosure with Sinusoidal Bottom Wall", submitted by, Vivek Vijay Potdar in the partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in Mechanical Engineering, VNIT Nagpur. The work is comprehensive, complete and fit for the final evaluation.

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Assistant Professor

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