CERTIFICATE

This is to certify that, the dissertation entitled "Experimental Analysis of Convective Heat Transfer in Divergent Channel", which is being submitted herewith for the award of the 'Master of Engineering' in 'Mechanical Engineering— Heat Power' of Dr. Babasaheb Abedkar Marathwada University, Aurangabad, Maharashtra State. This is the result of the original research work and contribution by 'Mr. Avinash Shesherao Patil under my supervision and guidance. The work embodied in this dissertation has not formed earlier for the basis of the award of any degree or compatible certificate or similar title of this any other diploma/examination body or university to the best of knowledge and belief.

Place: Aurangabad

Date: 06/04/2016

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This is to certify that, the dissertation entitled "Numerical and experimental investigation of staggered interrupted fin arrangement in a natural convection field", which is being submitted herewith for the award of the 'Master of Engineering' in 'Mechanical Engineering— Heat Power' of Dr. Babasaheb Abedkar Marathwada University, Aurangabad, Maharashtra State. This is the result of the original research work and contribution by 'Mr. Bhushan Sopan Rane' under my supervision and guidance. The work embodied in this dissertation has not formed earlier for the basis of the award of any degree or compatible certificate or similar title of this any other diploma/examination body or university to the best of knowledge and belief.

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