

NUMERICAL INVESTIGATION OF FLUID FLOW AND HEAT TRANSFER IN MICROCHANNEL

A THESIS SUBMITTED IN PARTIAL FULFILLMENT OF THE
REQUIREMENTS FOR THE DEGREE OF

Master of Technology
In
Mechanical Engineering

By

PANKAJ KUMAR



**Department of Mechanical Engineering
National Institute of Technology Rourkela
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Under the Guidance of

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This is to certify that the thesis entitled, “**NUMERICAL INVESTIGATION OF FLUID FLOW AND HEAT TRANSFER IN MICROCHANNEL**” submitted by Sri **PANKAJ KUMAR** in partial fulfillment of the requirements for the award of MASTER of Technology in **Mechanical Engineering** with specialization in “**Thermal Engineering**” at the National Institute of Technology, Rourkela (Deemed University) is an authentic work carried out by him/her under my supervision and guidance.

To the best of my knowledge, the matter embodied in the thesis has not been submitted to any other University/ Institute for the award of any degree or diploma.

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