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Heat Transfer Fluid Mechanics  
and Thermodynamics  
Applied Thermal Engineering  
**VIRTUAL CONFERENCE**  
26-28 July 2021

# CERTIFICATE OF ORAL PRESENTATION

AWARDED TO

**Vivek Saxena**

**FOR PRESENTING**

**INVESTIGATION OF SOLIDIFICATION OF NANO-ENHANCED PHASE CHANGE  
MATERIAL CONSIDERING VOLUMETRIC SHRINKAGE: AN ANALYTICAL  
APPROACH**

Jayanta Sutradhar, Rohit Kothari, Vivek Saxena and Santosh Kumar Sahu (Indian Institute of Technology,  
India)

AT

**THE 15<sup>th</sup> INTERNATIONAL CONFERENCE ON HEAT TRANSFER, FLUID  
MECHANICS AND THERMODYNAMICS (HEFAT) AND EDITORIAL  
BOARD OF APPLIED THERMAL ENGINEERING (ATE)**

Prof. J.P. Meyer  
ATE-HEFAT 2021 | Conference Chair  
Head of Mechanical and Aeronautical Engineering,  
Faculty of Engineering, Built Environment & IT  
University of Pretoria

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**THEORETICAL MODELING FOR THE EFFECTIVE THERMAL CONDUCTIVITY OF  
OPEN-CELL INFILTRATED METAL FOAMS**

Vivek Saxena, Rohit Kothari, Anuj Kumar, Santosh Kumar Sahu and Shailesh Ishwarlal Kundalwal (Indian Institute of Technology Indore, India)

AT

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