

# CURRICULUM VITAE

**Name:** Sushil Kumar Rathore

## **Educational Qualification:**

Degree	University/College	Year of passing	CGPA
Doctor of Philosophy	Indian Institute of Technology Kharagpur	Thesis submitted on 27-02-2015	-
Master of Technology	Indian Institute of Technology Kharagpur	2009	8.62 out of 10
Bachelor of Engineering	Government Engineering College Bilaspur	2007	8.17 out of 10

## **List of publications**

### **Journals**

- Rathore, S. K., Das, M. K., 2013. Comparison of two low-Reynolds number turbulence models for fluid flow study of wall bounded jets. *International Journal of Heat and Mass Transfer* 61, 365–380.
- Rathore, S. K., Das, M. K., 2015. A comparative study of heat transfer characteristics of wall-bounded jets using various turbulence models. *International Journal of Thermal Sciences* 89, 337-356.
- Rathore, S. K., Das, M. K., 2015. Investigation on the relative performance of various low-Reynolds number turbulence models for buoyancy-driven flow in a tall cavity. *Heat and Mass Transfer*, Published online 18 April 2015, DOI 10.1007/s00231-015-1557-8.
- Rathore, S. K., Das, M. K., Effect of freestream motion on heat transfer characteristics of turbulent offset jet. Submitted to *ASME Journal of Thermal Science and Engineering Applications* (under review).
- Rathore, S. K., Das, M. K., Numerical investigation on the performance of low-Reynolds number  $k - \epsilon$  model for a buoyancy-opposed wall jet flow. Submitted to *International Journal of Heat and Mass Transfer* (under review).

**Conferences**

- Rathore, S. K., Das, M. K., 2012. Low Reynolds number modeling of an offset jet. International Conference on Applications of Fluid Engineering, 20-22 September, 2012, G. L. Bajaj Institute of Technology & Management, Greater Noida.
- Rathore, S. K., Das, M. K., 2013. Effect of freestream motion on heat transfer characteristics of turbulent offset jet. Proceedings of the 22<sup>nd</sup> National and 11<sup>th</sup> International ISHMT-ASME Heat and Mass Transfer Conference, December 28-31, 2013, IIT Kharagpur, India.