

**Name:** PROF. MANOJ KUMAR TRIVENI  
**Designation:** ASSISTANT PROFESSOR  
**Branch:** MECHANICAL ENGINEERING  
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**Educational Qualification(s):**

Qualification(s)	University
Ph.D. (Mechanical Engineering ) (Thesis Submitted)	NIT AGARTALA
M.TECH (Thermal science and Engineering)	NIT AGARTALA

**Experience in years:**

**Academic:**3 Year 6 months

Details:

Sl. No.	Organization	Position Held	Duration	
			From	To
1.	NIT AGARTALA	RESEARCHER	July, 2013	March, 2017

**Other Information:**

**(a) Publication details**

**International Journals**

1. Triveni, M.K., Panua, R.S., Numerical simulation of natural convection in a triangular enclosure with caterpillar (C)-curve shape hot wall, ***International Journal of Heat and Mass Transfer, Elsevier***, v. 96, pp. 535-547, 2016.
2. Triveni, M.K., Panua, R.S., Sen, D., Effects of variant positions of cold walls on natural convection in a triangular cavity, ***Journal of Applied Fluid Mechanics (JAFM)***, v. 9, pp. 185-193, 2016.

3. Triveni, M.K., Sen, D., Panua, R.S., Numerical study of laminar natural convection in an arch enclosure filled with Al<sub>2</sub>O<sub>3</sub>-water based nanofluid, ***Journal of Applied FluidMechanics (JAFM)***, v. 9, pp. 1927-1936, 2016.
4. Triveni, M.K., Panua, R.S., Sen, D., Natural Convection in a Partially Heated Triangular Cavity with Different Configurations of cold walls, ***Arabian Science for Science andEngineering, Springer***, v. 40, pp.3285-3297, 2015.
5. Triveni, M.K., Sen D., Panua, R.S., Laminar natural convection for thermally active partial side walls in a right-angled triangular cavity, ***Arabian Science for Science andEngineering, Springer***, v. 39, pp. 9025-9038, 2014.
6. Triveni, M.K., Sen D., Panua, R.S., Convective heat transfer analysis in an arch enclosure, ***Frontiers in Heat and Mass Transfer (FHMT)***, v. 6, 2, 2015.
7. Triveni, M.K., Sen D., Panua, R.S., Numerical analysis of natural convection in a rightangle triangular enclosure, ***Frontiers in Heat and Mass Transfer (FHMT)***, v. 5, 12, 2014.
8. Triveni, M.K.,Panua, R.S., Numerical analysis of natural convection in a triangular cavity with different configuration of hot wall, ***International Journal of Heat and Technology***, v. 35, pp.11-18, 2017.

(b). Details of Seminar/Workshop/Conference

**National Seminar**

1. Triveni, M.K., Sen D., Panua, R.S., Numerical Study of Laminar Natural Convection in a Partially Heated Arch Cavity, ***National Seminar on Energy Science and Engineering, TIT Tripura***, India, 29-30<sup>th</sup> November, 2013, paper Code. ESE –113.

(c). Professional membership of reputed bodies if any

1. **Associate Member of IEI, India**