

Dr.T.Christo Michael

Vellore Institute of Technology (Deemed to be University)

Associate Professor, School of Mechanical Engineering,

, Vellore Campus, Tiruvalam Rd,

Katpadi, Vellore, Tamil Nadu 632014.

christomic74@gmail.com

+919600588726

PRINCIPAL RESEARCH OF INTEREST

- Additive Manufacturing
- Computational Mechanics (FEM & CFD)
- Heat and Fluid Flow
- Simulation of advanced manufacturing processes (Welding, forming)
- Mathematical modelling
- Composite Materials

Publications:

1. Rohatgi, Nitin, Krutarth Mehta, Parijat Sarkar, and T. Christo Michael. "Emergency braking mechanism for an elevator using hydraulic and pneumatic actuation." *International Journal of Reliability and Safety* 13, no. 1-2 (2019): 125-137.
2. Michael, T. Christo, A. R. Veerappan, and S. Shanmugam. "Suitability of assumed cross sections to include ovality in the limit analysis of pipe bends under in-plane closing moment and internal pressure." *Thin-Walled Structures* 122 (2018): 545-553.
3. Michael, T. Christo, A. R. Veerappan, and S. Shanmugam. "Suitability of assumed cross sections to include ovality in the limit analysis of pipe bends under in-plane closing moment and internal pressure." *Thin-Walled Structures* 122 (2018): 545-553.