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List of Publications

Refereed Journal Papers

1. **Archana Kumari** and Amitesh Kumar. "Heat transfer and fluid flow characteristics of a turbulent wall jet with a wavy wall." International Journal of Heat and Fluid Flow 87 (2021): 108749.
2. **Archana Kumari** and Amitesh Kumar. "Effect of frequency of the wavy wall on turbulent wall jet heat transfer characteristics." International Journal of Thermal Sciences 185 (2023): 108013.

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3. **Archana Kumari** and Amitesh Kumar. "Thermal hydraulic performance of a turbulent wall jet flowing over a wavy wall." *Journal of heat transfer* 145 (2023): 103901
 4. **Archana Kumari** and Amitesh Kumar. "Characterizing the effect of sinusoidal wall amplitude on turbulent wall jet flow parameters " *Journal of fluids engineering* 145 (2023): 121302
 5. **Archana Kumari** and Amitesh Kumar. "Enhancement of heat transfer by flowing turbulent jet on a linearly decaying (LD) wavy wall." *International Communications in Heat and Mass Transfer* 149 (2023): 107120

Journal Papers submitted

1. **Archana Kumari** and Amitesh Kumar. "Experimental study of heat transfer characteristics of a turbulent wall jet over a wavy surface." *International Journal of Thermal Sciences* (Under Review)

Refereed Conference Papers

Archana Kumari and Amitesh Kumar, "Heat transfer enhancement by using turbulent wall jet with a partial wavy wall", 26th National and 4rd International ISHMT-ASTFE Heat and Mass Transfer Conference (IHMTTC), December 2021, IIT Madras, India

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