

## **Dr. Wael Ahmed Biography**

Dr. Ahmed, Associate Professor at the University of Guelph, works in the thermo-fluid area with particular interest in multiphase flow analysis of water, food and energy systems. Wael Ahmed received his PhD in Mechanical Engineering from McMaster University in 2005. He has over 22 years of academic and industrial experience. He designed efficient airlift pumps for many industrial applications including food, oil & gas and nuclear energy. Several pumping units of his design are patented and currently used by aquaculture facilities across Ontario. He authored or co-authored more than 83 papers that have appeared in reputable international journals and conference proceedings. Also, he has been granted 9 patents, and published textbook on pumping machinery.