



Pramod Kuntikana

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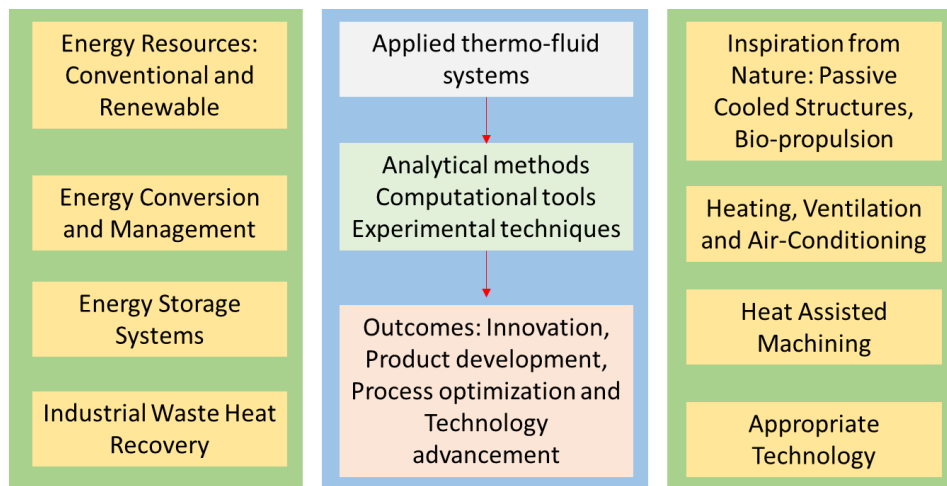
Research Interests

- Experimental heat transfer, fluid flow and combustion
- Renewable and conventional energy sources
- Thermo physical property measurements and instrumentation
- Appropriate technology

Brief Summary of Research

Experienced researcher with a demonstrated history of working in the higher education industry. Skilled in Thermal System Design, Thermal Analysis, Energy Engineering, Combustion Systems, and Infrared Thermal Imaging. He has worked as Project Research Associate for AR&DB and GTRE projects at IIT Bombay. He has authored 14 papers in peer-reviewed international journals and presented several papers in various national and international conferences.

Pictorial Abstract: Research on Applied Thermo-Fluids Engineering Systems



Key Publications

- V.C. Raj, P. Kuntikana, S. Sreedhara, S.V. Prabhu, “Characterization of impinging methane diffusion and partially premixed flames”, International Journal of Heat and Mass Transfer 129 (2019) 873-893.
- P. Kuntikana, S. V. Prabhu, “Thermal investigations on methane-air premixed flame jets of multiport burners”, Energy 123 (2017) 218–228.
- P. Kuntikana, S. V. Prabhu, “Isothermal air jet and premixed flame jet impingement: Heat transfer characterisation and comparison”, International Journal of Thermal Sciences 100 (2016) 401-415.