

Faculty Profile

Name: Dr. Binu T V

Designation: Associate Professor

Date of Birth: 26/11/1977

Highest Qualification: PhD

Specialization: Computational Fluid Dynamics

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Academics: PhD IIT Madras, 2019

M Tech IIT Madras, 2010

B Tech GEC Thrissur, 2000

Experience:

Dept. of Technical Education: 2004 June onwards

Scientific Officer C, Indira Gandhi Centre for Atomic Research, Kalpakkam: 2002 January – 2004 June

Publications & Conferences:

T V Binu, S Jayanti, Heat transfer enhancement due to internal circulation within a rising fluid drop, Thermal Science and Engineering Progress, vol 8, pp 385 - 396 (2018)

T V Binu, S Jayanti, Influence on Internal circulation on absorption of atmospheric CO₂ and SO₂ in rain drop, Paper ID 705, IHMTTC 2021

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T V Binu, S Jayanti, Heat Transfer to a fluid drop rising through an immiscible fluid, ChemSymp 2018, IIT Madras

T V Binu, S Jayanti, Circulation within a rising bubble, 24th National and 2nd International ISHMT- ASTFE Heat and Mass Transfer Conference at BITS Pilani Hyderabad Campus, 27-30 Dec 2017

Soumya M, Manoj K Thakur, Lennart S, Leon P, Binu T V and Kerstin B, Best Poster Award for poster titled "Improving the efficiency of CO₂ capture from an oxy-coal power plant through regenerative power of air separation" at the 2nd Carbon Capture, Storage & Re-use in India conference held on 11-12 October 2018 at IIT Bombay

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Neethu Jayan, Suji S K, Binu T V, Bioaccumulation of lead using isolated microorganisms from contaminated soil, 3rd National Conference on Emerging Trends in Engineering (NET 2015)

T.V.Binu and T.Swaminathan, Environmentally Safe Treatment for E-wastes with Resource Recovery, Paper ID 27, 4th International Perspective on Water Resources and the Environment, Singapore (2011)

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Binu T V, Suma K, Recovery of heavy metals from e-waste in the form of Printed Circuit Boards, National Conference on E-waste Management and Recycling Technologies (E-MART 2011) held at MET's School of Engineering, Mala, Thrissur, 17-18 March 2011

Binu T V, P Selvaraj, P. Chellapandi, S C Chethal, Hydraulic analysis of eddy current flow measurement device, Proceedings of 30th National Conference on Fluid Mechanics and Fluid Power (FMFP 2003), held at National Institute of Technology, Surathkal, 11-13 December 2003, pp 504-511

Binu T V, P Selvaraj, P. Chellapandi, S C Chethal, Hydrogen concentration evolution during a small leak Sodium –Water reaction, CHEMCON, Regional Research Laboratory (CSIR), Bhubaneswar, Orissa, 19-22 December 2003