Indranil Ghosh

Associate Professor
Cryogenic Engineering Centre
Indian Institute of Technology Kharagpur
Kharagpur - 721 302, INDIA

Research Areas: Heat Exchangers: Plate Fin, Coiled Tubular, Minichannel; Heat Transfer in Metal Foam; Pulsating Loop Heat Pipe; Solid Sorption Cooling; Storage of Hydrogen (Cryosorption and Liquid)

Employment:

Year	Designation / Organisation
2018 – till date	**Associate Professor**, Cryogenic Engineering Centre Indian Institute of Technology, Kharagpur
2006 –2018	**Assistant Professor**, Cryogenic Engineering Centre Indian Institute of Technology, Kharagpur
2004 –2006	**Post Doctoral Researcher**, Hydrogen Research Institute, University of Quebec at *Trois Rivieres*, Canada
1999 –2004	**Research Scholar**, Cryogenic Engineering Centre Indian Institute of Technology, Kharagpur
1995 –1999	**Engineer (R&D)**, Research and Development Dept., Bharat Heavy Plates and Vessel Ltd. (Now HPVP Ltd)

Education:

Degree	Year	University/ Institution
Doctor of Philosophy	2005	IIT Kharagpur
Master of Technology, Cryogenic Engineering	1995	IIT Kharagpur
Master of Science, Physics	1992	Jadavapur University
Bachelor of Science, Physics	1990	Jadavapur University

Research Activities:



Heat Transfer in Metal Foam

- Convective Fluid Flow
- Passive Radiative Cooler
- Metal Foam Anti-Sloshing Baffle

Microchannel Heat Transfer

- Thermo-hydraulics Characterization
- Miniature Heat Exchanger
- Pulsating Loop Heat Pipes

Cryosorption

- Sorption Cooling
- Cryosorption Storage of Hydrogen







