

National Institute of Technology, Tiruchirappalli:
Performa for CV of Faculty/ Staff Members

9. Participation in Workshops/ Symposia/ Conferences/ Colloquia /Seminars/ Schools etc. (mentioning the role)

Date (s)	Title of Activity	Level of Event (International/ National/ Local)	Role (Participant/ Speaker/ Chairperson, Paper presenter, Any other)	Event Organized by	Venue
December 28-31, 2013	Conference	International Conference	Paper presenter	22nd National and 11th ISHMT - ASME Heat and Mass Transfer Conference, 2013	IIT Kharagpur
August 18-19, 2012	Workshop	International	Participant	INDO-US Centre for research excellence on fabronics	Bengal Engineering and Science university, Shibpur

10. Publications

(A) Refereed Research Journals:

Author(s)	Title of Paper	Journal	Volume (No.)	Page numbers	Year	Impact Factor of the Journal (Optional)
P. Kaushik, S. Mandal, & S. Chakraborty	Transient Electroosmosis of a Maxwell fluid in a Rotating Microchannel	<i>Electrophoresis</i>	38	2741–2748	2017	2.744
P. Kaushik, P. K. Mondal, & S. Chakraborty	Rotational electrohydrodynamics of a non-Newtonian fluid under Electrical Double Layer Phenomenon: The role of lateral confinement	<i>Microfluidics and Nanofluidics</i>	21	122	2017	2.344
P. Kaushik & S.	Startup electroosmotic flow of a viscoelastic fluid characterized by	<i>Journal of Non-Newtonian Fluid</i>	247	41-52	2017	2.536

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Chakraborty	Oldroyd-B model in a rectangular microchannel with symmetric and asymmetric wall zeta potentials	<i>Mechanics</i>				
P. Kaushik, P. Abhimanyu, P. K. Mondal, & S. Chakraborty.	Confinement effects on the rotational microflows of a viscoelastic fluid under Electrical double layer phenomenon.	<i>Journal of Non-Newtonian Fluid Mechanics</i>	244	123-137	2017	2.536
P. Kaushik, P. K. Mondal, S. Pati, & S. Chakraborty.	Heat transfer and entropy generation characteristics of a non Newtonian fluid squeezed and extruded between two parallel plates.	<i>Journal of Heat Transfer</i>	139(2)	022004-022004-9.	2017	1.866
P. Abhimanyu, P. Kaushik, P. K. Mondal, & S. Chakraborty.	Transiences in rotational electro-hydrodynamics microflows of a viscoelastic fluid under electrical double layer phenomena.	<i>Journal of Non-Newtonian Fluid Mechanics</i>	231	56-67	2016	2.536
P. Kaushik, P. K. Mondal, & S. Chakraborty.	Flow dynamics of a viscoelastic fluid squeezed and extruded between two parallel plates.	<i>Journal of Non-Newtonian Fluid Mechanics</i>	227	56-64	2016	2.536
S. Pati, P. Kaushik, S. K. Som, & S. Chakraborty.	Film condensation in presence of non-condensable gases: Interplay between variable radius of curvature and interfacial slip.	<i>International Communications in Heat and Mass Transfer</i>	56	31-36	2014	3.718
P. Kaushik, S. Pati, S. K. Som, & S. Chakraborty.	Hydrodynamic and thermal transport characteristics of swirling flows through microchannels with interfacial slip.	<i>International Journal of Heat and Mass Transfer</i>	55(15)	4359-4365.	2012	3.458
P. Kaushik,	Hydrodynamic Swirl	<i>Nanoscale and</i>	16(2)	133-143	2012	3.182

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S. Pati, S. K. Som, & S. Chakraborty.	Decay in Microtubes with Interfacial Slip.	<i>Microscale Thermophysical Engineering</i>)			
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(B) Conferences/Workshops/Symposia Proceedings

Author(s)	Title of Abstract/ Paper	Title of the Proceedings	Page numbers	Conference Theme	Venue	Year
S. Pati, P. Kaushik, S. K. Som, & S. Chakraborty	Effects of interfacial slip on film condensation over horizontal tubes with progressively increasing radius of curvature in the direction of gravity	<i>22nd National and 11th ISHMT - ASME Heat and Mass Transfer Conference</i>	HMTC130 0281	Heat and Mass Transfer	IIT Kharagpur	2013
N. Sharma, K. Chaudhury, P. Kaushik, & S. Chakraborty	Breakup and wrapping of free surface within a laterally oscillating container: effect of multimodal evolution of surface energy	<i>3rd Thermal and Fluids Engineering Conference (TFEC)</i>	TFEC- 2018- 21868	Thermal and Fluids Engineering	Fort Lauderdale, FL, USA	2018