Name of Faculty	Dr. PRAGYA MISHRA	
Designation	Assistant Professor	
Nature of Job/Appointment	Contract/31 – 05 - 2021	
Date of Joining	05 – 07 - 2019	
E-mail	pragyamishra_chem@cbit.ac.in	
Education Qualifications	**Name of the Degree**	**Class**
Ph. D	Doctor of Philosophy (Chemical Engineering)	Awarded
PG	M. Tech (Chemical Engineering)	Distinction
UG	B Tech (Chemical Engineering)	First
Work Experience		
Teaching	01 Yrs	
Research	08 years (M.Tech 2yrs, PhD 5yrs, CBIT 1year)	
Industry	--	
Others	--	
Area of Specialization	Computational Fluid Dynamics, Transport Phenomenon, Non-Newtonian Fluid Rheology, Turbulence Modelling	
Professional Memberships	--	
Responsibilities held at Institution Level	--	
Responsibilities held at Department Level	R&E Coordinator from 06/12/2019 to 30/06/2020	
Research Guidance		
Awards Received		
Courses Handled at Under Graduate / Post Graduate Level.	Numerical Methods in Chemical Engineering, Fluid Mechanics	
No. of Papers Published	National Journals – -- International Journals – 07	
	National Conference – -- International Conference – 02	
Projects Carried out	--	
Patents	--	
Technology Transfer	--	
Invited Speaker	--	
No. of Books/Chapter Published with details	--	
Details of Short-Term Training Programs /Faculty Development Programs /Seminars /Workshops/ Other Trainings (Attended and/or Organized).	1. One-week FDP program in CBIT on "Outcome Based Education and NBA Accreditation process (UG)" from 28/05/2020 to 01/06/2020 2. Two days Workshop held at CBIT on " Python Programming" from 26/07/2029 to 27/07/2029 3. Co-coordinated National Workshop in CBIT titled " Recent Advances in Chemical Process Simulation Using Aspen Plus" from 26/09/2019 to 27/09/2029	

International Journal

1. P. Mishra, A.K. Tiwari, R.P. Chhabra, Effect of orientation on drag of a cone settling in Bingham plastic fluids, Particuology (2019), vol. 43, pp.157-170.
2. P. Mishra, S. Gupta, R.P. Chhabra, Effect of orientation on drag from a cone settling in power law fluids, Journal of Chemical Engineering of Japan (2019), vol. 52, pp. 19-30.
3. P. Mishra, S.A. Patel, M. Trivedi and R.P. Chhabra, Forced convection heat transfer from a thin disk in power-law fluids, Journal of Heat Transfer (2019), vol. 141, pp. 1-8.
4. P. Mishra, N. Nirmalkar and R.P. Chhabra, Free convection from a heated cone in generalized Newtonian fluids, Journal of Thermophysics and Heat Transfer, (2019), vol. 33, pp. 1-14.
5. P. Mishra, A.K. Tiwari, R.P. Chhabra, Effect of orientation on forced convection heat transfer from a heated cone in Bingham plastic fluids, International Communications in Heat and Mass Transfer (2018), vol. 93,pp. 34-40
6. N. Dasgupta, R. Borah, P. Mishra, A.K. Gupta, R.P. Chhabra, Combined effects of blockage and yield stress on drag and heat transfer from an in-line array of three spheres, Journal of Dispersion Science and Technology, (2018), vol. 40, pp. 855-873.
7. A.K. Gupta, P. Mishra, R.P. Chhabra, Momentum and heat transfer characteristics of a thin circular disk in

Bingham plastic fluids, Numerical Heat Transfer Part A: Applications (2017), vol. 72, pp. 1-25.

International/ National Conferences from 2017

1. P. Mishra, R.P. Chhabra, Effect of channel confinement on the steady flow of Bingham plastic fluid across a confined square cylinder, Proceedings of Annual Transactions of Nordic Rheology Society (2017), vol. 25, pp. 213-220.
2. P. Mishra, R.P. Chhabra, Effect of channel confinement on the steady flow of Bingham plastic fluid past a heated square cylinder, Proceedings of 24th National and 2ndInternational ISHMT – ASTFE Heat and Mass Transfer Conference (2017), pp. 1-8.