

Name	Dr. Ritwik Chakraborty			
				
Past Experience	Visiting Faculty (January, 2026 – July, 2026), Calcutta University Post-doctoral Researcher (November, 2023 – March, 2025), The Hong Kong Polytechnic University, Hong Kong SAR, China Visiting Faculty (August, 2023 – October, 2023), Calcutta University Scientist (February, 2012 – May, 2023), Indian Jute Industries Research Association, Kolkata, India Senior Research Fellow (February, 2009 – January, 2012), National Institute of Research on Jute and Allied Fibre Technology (Indian Council of Agricultural Research) Kolkata, India Assistant Manager (July, 2007 – September, 2008), Abhishek Industries Ltd (Trident Group), Barnala, Punjab, India Engineer (December, 2004 – June, 2005), Sarla Fabrics Pvt. Ltd. (Shahi Group), Ghaziabad, India Quality Control Officer (January, 2004 – November, 2004), Kabir Oldtex Co., Ghaziabad, India			
Current Job	Veermata Jijabai Technological Institute			
Department	Textile Engineering			
Post	Tenure Faculty			
Date of Joining	27/07/2026			
Qualification	PhD (Tech.)			
E-mail	rchakraborty@tx.vjti.acin; ritwik.chak@gmail.com			
Area of Research	Fibre Science, Sustainable textiles & production, Technical textiles, Green chemistry, Research methodology			
Subjects Taught	Chemical Processing of Textiles, Research Methodology, Statistics, Weaving			
Publications	Journal Publication		Conference Publication	
	International	National	International	National
	07	03	03	02
Guidance	NA			
Workshop Organized	NA			

Conference Organized	NA
Seminar Organized	Seminar titled “Implementation of eco-labelling / eco-compliance in jute sector” organized on 27 th September, 2013
Training Organized	NA
Workshop Attended	
Conference Attended	03
Seminar Attended	
Training Attended	02
Collaboration/Interaction with outside world	NA
Online courses completed	NA
Research Proposal Written	05
National Conference Attended	02
International Conference Attended	01
National Papers Presented	01
International Papers Presented	
Editors of Books	NIL
Chapters Published	1. Ritwik Chakraborty and T. C. Huang, Cleanest and sustainable extraction techniques of natural dyes, <i>Technical and Sustainability Aspects in Natural Dyes</i>, Edited by K. Singha and A. Agarwal, CRC Press, Taylor & Francis, UK (Accepted in Dec, 2025) 2. Ritwik Chakraborty and Ayan Pal, Colorimetric Analysis to Study the Dyeing Behaviour of Jute Textiles Using Selective Synthetic and Natural Dyes, <i>Advances in Colorimetry</i>, Edited by A. K. Samanta, IntechOpen, London, U.K (2024) 3. Ritwik Chakraborty, Th. Basanta Singh, Palash Paul, Arup Kumar Haloi, Coloration with Natural Dyes of North-Eastern Region of India,

	<i>Textile Dyes and Pigments: A Green Chemistry Approach</i> , Edited by P. Pandit, K. Singha, S. Maity, S. Ahmed, Scrivener Publishing, Wiley, USA (2022)
Patent filled	1. A patent granted with application number 330/KOL/2011 titled “ Method of chemically retting coconut fibres and preparing blended yarns from said fibres ” filed 14/03/2011 and granted on 11/03/2020
Membership of Professional Body	NA
Years of experience	18+ years