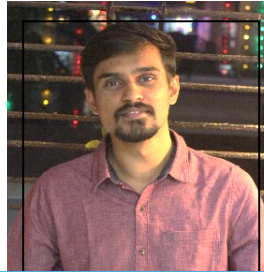


<b>Name</b>	<b>Dr. Pratik S. Dhumal</b>													
<b>Past Experience</b>	<p><b>Dec 2024-Nov 2025</b>          Institute of Condensed Matter Chemistry Bordeaux, CNRS, France, Advisor Prof. Cyril Aymonier          The research focuses on the synthesis and engineering of geopolymer-based conductive cement with tailored electrical properties for applications in semiconductor technologies and energy storage devices. It integrates materials chemistry and sustainable engineering to develop multifunctional, eco-friendly alternatives to conventional materials.</p>													
<b>Current Job</b>	Working as Assistant Professor (Tenure) at Veermata Jijabai Technological Institute (VJTI), Mumbai													
<b>Department</b>	Technical and Applied Chemistry, Veermata Jijabai Technological Institute (VJTI), Mumbai													
<b>Post</b>	Assistant Professor (Tenure)													
<b>Date of Joining</b>	22-01-2026													
<b>Qualification</b>	Ph.D.													
<b>E-mail</b>	psdhumal@che.vjti.ac.in													
<b>Area of Research</b>	Graphene and its derivatives, Energy storage, Solar cells, & Wastewater treatment													
<b>Publications</b>	<table border="1"> <thead> <tr> <th colspan="2">Journal Publication</th> <th colspan="2">Conference Publication</th> </tr> <tr> <th>International</th> <th>National</th> <th>International</th> <th>National</th> </tr> </thead> <tbody> <tr> <td>33</td> <td>-</td> <td>5</td> <td>2</td> </tr> </tbody> </table>		Journal Publication		Conference Publication		International	National	International	National	33	-	5	2
Journal Publication		Conference Publication												
International	National	International	National											
33	-	5	2											
<b>Workshop Attended</b>	Laboratory Safety - Pitfalls and Remedies in 2022													
<b>Conference Attended</b>	<p>Poster presentation at Indian conference on carbon materials 2023, BARC, Mumbai          In-situ synthesis of graphene based hydrophobic composite for anti-corrosion application. Pratik Dhumal and Surajit Some</p> <ul style="list-style-type: none"> <li>• Poster presentation at COC-2023, Mumbai (Convention on Colorants)            Free standing, flexible graphene-bentonite supported membrane with switchable wettability for selective oil-water separation. Pratik Dhumal and Surajit Some</li> <li>• Oral presentation in four days international seminar on Recent Advances in Chemistry and Material Science in July-August 2022. Pratik Dhumal</li> <li>• Poster presentation at COC-2019, Mumbai (Convention on Colorants)            Deep eutectic solvent functionalized graphene composite as an extremely high potency flame retardant. D. A. Pethsangave, Pratik Dhumal, Mahesh Bondarde, Surajit Some. On- Graphene bentonite supported free-standing, flexible membrane with switchable wettability for selective oil-water separation. Pratik Dhumal</li> <li>• Participation in the 1st international conference on Emerging Porous Materials, 2021</li> <li>• Participation in two days national conference on “Recent challenges in Advanced material and Green Chemistry” in 2015. Pratik Dhumal</li> </ul>													
<b>National Conference Attended</b>	2													
<b>International Conference Attended</b>	3													
<b>Chapters Published</b>	1. Bondarde, M.P., Lokhande, K.D., Bhakare, M.A., Dhumal, P.S. and Some, S., 2025. Graphene composites for wastewater treatment. In Advanced Composite Materials for Wastewater Treatment (pp. 197-227). Woodhead Publishing.													

	2. Bondarde, M.P., Jain, R., Sohn, J.S., Lokhande, K.D., Bhakare, M.A., Dhumal, P.S. and Some, S., 2022. Carbon-based anode materials for lithium-ion batteries. In Lithium-Sulfur Batteries (pp. 521-545). Elsevier.
<b>Years of experience</b>	One year of post-doctoral experience