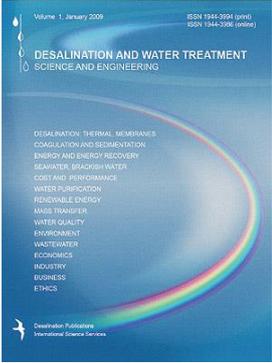
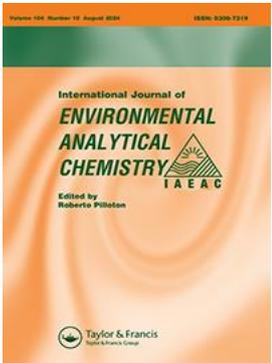


## List of Publications

1.		<p><b>Title:</b> Kinetics and Thermodynamics of Removal of Metal Ions Using EDTA-Modified Cation Ion Exchange Resin</p> <p><b>Smita N. Katariya</b>, Sanjeev Kumar, Ran Bahadur Yadav</p> <p><b>Desalination and Water Treatment</b>, Volume 233, p. 133-149</p> <p><b>Available Online:</b> 9<sup>th</sup> September 2021</p> <p><b>DOI:</b> 10.5004/dwt.2021.27537</p>
2.		<p><b>Title:</b> Sorption, Kinetic and Separation Studies of Transition and Heavy Metal Ions using Cerium Amino Tris-(Methylene Phosphonic Acid)</p> <p><b>Smita N. Katariya</b>, Tarun Parangi, Megha Rathwa, Uma V. Chudasama, Sanjeev Kumar, Ran Bahadur Yadav</p> <p><b>International Journal of Environmental Analytical Chemistry</b>, (Accepted)</p> <p><b>DOI:</b> 10.1080/03067319.2024.2398672</p>
3.		<p><b>Title:</b> Removal of Cationic Dyes by using Tin Amino Tris-(Methylene Phosphonic Acid)</p> <p><b>(Manuscript Under Preparation)</b></p>
4.		<p><b>Title:</b> Removal of Acid Yellow 49 and Reactive Orange 12 Dyes by using Amberlite IRA-400(Cl<sup>-</sup>) resin</p> <p><b>(Manuscript Under Preparation)</b></p>

## List of Conferences (Presented)

### List of Conferences (Presented)

1.	<p><b>Title: "Removal of Zn (II) ion by using modified chelating ion exchanger"</b></p> <p><b>Smita N. Katariya</b>, Ran Bahadur Yadav</p> <p><b>International Conference</b> on <i>6<sup>th</sup> International Water Association- Regional Membrane Technology 2018</i> ("IWA RMTTC-2018"), Applied Chemistry Department, Faculty of Technology and Engineering, The Maharaja Sayajirao University of Baroda, Vadodara - 390001, Gujarat, India, <b>10<sup>th</sup> - 12<sup>th</sup> December 2018</b>.</p> <p><b>Presented Session: POSTER</b></p>
2.	<p><b>Title: "Physico-chemical studies on the removal of cadmium and lead ion by using polymeric cation ion exchange resin"</b></p> <p><b>Smita N. Katariya</b>, Ran Bahadur Yadav</p> <p><b>International Conference</b> on <i>Second DAE Symposium on Current Trends in Analytical Chemistry 2021</i>, (CTAC-2021), Bhabha Atomic Research Center, Trombay, <b>20<sup>th</sup> - 23<sup>rd</sup> October 2021</b>.</p> <p><b>Presented Session: POSTER</b></p>
3.	<p><b>Title: "Removal of copper metal ions by using cerium amino tris methylene phosphonic acid"</b></p> <p><b>Smita N. Katariya</b>, Ran Bahadur Yadav</p> <p><b>International Conference</b> on <i>Advanced Materials and Applications</i> (ISAMA-2022), Applied Physics Department and Applied Chemistry Department, Faculty of Technology and Engineering, The Maharaja Sayajirao University of Baroda, Vadodara - 390001, Gujarat and Luminescence Society of India, <b>18<sup>th</sup> July 2022</b>.</p> <p><b>Presented Session: POSTER</b></p>
4.	<p><b>Title: "Kinetics, thermodynamics and removal of Cu (II) ions using modified resin"</b></p> <p><b>Smita N. Katariya</b>, Ran Bahadur Yadav</p> <p><b>National Conference</b> on <i>8<sup>th</sup> All Gujarat Research Scholars' Meet 2023</i>, (AGRSM-VIII), Indian Chemical Society, Vadodara Chapter and Department of Chemistry, Faculty of Science, The Maharaja Sayajirao University of Baroda, Vadodara - 390002, Gujarat, India, <b>26<sup>th</sup> February 2023</b>.</p> <p><b>Presented Session: ORAL</b></p>

## List of Conferences (Presented)

5.	<p><b>Title:</b> “Thermodynamics, kinetics and separation studies of transition and heavy metal ions using novel hybrid ion exchanger- cerium amino tris methylene phosphonic acid (Ce-ATMP)”</p> <p><b>Smita N. Katariya</b>, Ran Bahadur Yadav</p> <p><b>International Conference</b> on 3<sup>rd</sup> DAE-BRNS Symposium on Current Trends in Analytical Chemistry 2023, (CTAC-2023), DAE Convention Centre, Bhabha Atomic Research Centre, Mumbai, India, <b>6<sup>th</sup> – 9<sup>th</sup> March 2024</b>.</p> <p><b>Presented Session: ORAL</b></p>
6.	<p><b>Title:</b> “Removal of acid yellow 49 dye by using strong basic anion exchange resin”</p> <p><b>Smita N. Katariya</b>, Ran Bahadur Yadav</p> <p><b>National Conference</b> on <i>Chemistry Beyond Boundaries: An Interdisciplinary Approach 2024</i>, (CB2IA-VIII), Department of Chemistry, Faculty of Science, The Maharaja Sayajirao University of Baroda, Vadodara - 390002, Gujarat, India, <b>29<sup>th</sup> June 2024</b>.</p> <p><b>Presented Session: POSTER</b></p>

## List of Conferences/Webinars/Workshops

### List of Conferences/ Webinars/ Workshops (Attended)

1.	<b>National Webinar</b> on <i>“Energy and Environment”</i> , Applied Physics Department, Faculty of Technology and Engineering, The Maharaja Sayajirao University of Baroda, Vadodara - 390001, Gujarat, India, <b>9<sup>th</sup> - 10<sup>th</sup> July 2020</b> .
2.	<b>Virtual Faculty Development Programme (Online)</b> on <i>“Analytical Chemistry”</i> , Department of P. G. Studies and Research in Chemistry and Pharmacy, Rani Durgavati University, Jabalpur (M.P.), India, <b>14<sup>th</sup> - 16<sup>th</sup> July 2020</b> .
3.	<b>International Webinar (Online)</b> on <i>“Pivotal role of Chemistry/Chemical Engineering in Present Scenario-2020”</i> , Department of Humanities and Sciences, VNRVJIET, Hyderabad-500090, <b>20<sup>th</sup> - 22<sup>nd</sup> July 2020</b> .
4.	<b>National Webinar (Online)</b> on <i>“Chemical Catastrophes: Management and Planning”</i> , Department of Chemistry and Pharmaceutical Chemistry, Govt. Girls' P.G. College, Ujjain in collaboration with Disaster Management Institute, Bhopal, <b>27<sup>th</sup> July 2020</b> .
5.	<b>National Webinar</b> on <i>“Recent Advances in Power Plant Chemistry”</i> , Department of Applied Chemistry, Jabalpur Engineering College, Jabalpur, <b>15<sup>th</sup> September 2020</b> .
6.	<b>7-Day Short Term Training Program (Online)</b> on <i>“Challenges and Opportunities in Designing Nanoarchitectonics of Nanoporous Carbon Materials for Industrial Applications”</i> , Department of Materials and Metallurgical Engineering, Maulana Azad National Institute of Technology, Bhopal, <b>16<sup>th</sup> - 20<sup>th</sup> September 2020</b> .
7.	<b>5-Day Short Term Training Program (Online)</b> on <i>“Chemistry of Advanced Functional Materials (CAFM-2020)”</i> , Department of Chemistry, National Institute of Technology, Srinagar, <b>21<sup>th</sup> - 25<sup>th</sup> September 2020</b> .
8.	<b>Faculty Development Programme (Online)</b> Sponsored by GUJCOST and DST (Government of Gujarat), on <i>“Green Chemistry and Technology for Sustainable Engineering”</i> , Chemical Engineering Department, School of Engineering, P. P. Savani University, <b>18<sup>th</sup> - 21<sup>st</sup> January 2021</b> .
9.	<b>Faculty Development Programme (Online)</b> , AICTE Training and Learning (ATAL) Academy on <i>“Advances in Waste Treatment Technologies”</i> , Civil Engineering Department, Government Engineering College, Modasa, <b>23<sup>rd</sup> - 27<sup>th</sup> August 2021</b> .
10.	<b>E Symposium</b> on <i>“Materials for Energy and Energy Storage”</i> , Department of Humanities and Sciences, VNRJIET, Hyderabad-500090, <b>3<sup>rd</sup> - 4<sup>th</sup> September 2021</b> .

## List of Conferences/Webinars/Workshops

11.	<b>International Webinar (Online)</b> on “RSC-IIT Desktop Seminar with JMC-A”, Cryst. Eng. Comm. and IISER Kolkata, <b>27<sup>th</sup> October 2021</b> .
12.	<b>National Symposium</b> on “Frontiers in Chemistry (NSFC-2022)”, Department of Chemistry, Faculty of Science, The Maharaja Sayajirao University of Baroda, Vadodara-390002, Gujarat, India, <b>25<sup>th</sup> June 2022</b> .
13.	<b>7-Day Training Program</b> , “STUTI-2022”, Department of Chemistry, Faculty of Science, The Maharaja Sayajirao University of Baroda, Vadodara-390002, Gujarat, India, and Under Department of Science and Technology, New Delhi, <b>11<sup>th</sup> - 17<sup>th</sup> December 2022</b> .