


## BRIEF PROFILE

	<b>Name</b>	Dr. Bharti Ramola
	<b>Designation</b>	Associate Professor
	<b>Area</b>	Environmental Chemistry
	<b>Email</b>	bramola2013@gmail.com
	<b>Contact No.</b>	9897206569
<b>Professional Experience</b>	<ul style="list-style-type: none"> <li>• More than 16 yrs of Teaching experience.</li> <li>• Working as Associate Professor in Department of Chemistry, Uttarakhand University.</li> <li>• More than 13 yrs teaching experience in Uttarakhand University, Dehradun.</li> <li>• 1.5 yrs teaching experience LNCT, Bhopal.</li> <li>• 1.5 yrs R&amp;D with teaching, Department of Chemistry, HNBGU, Srinagar.</li> </ul>	
<b>Education Qualification</b>	<ul style="list-style-type: none"> <li>• Ph.D. Chemistry, UTU, Dehradun.</li> <li>• M.Sc. Chemistry (Organic) HNBGU, Srinagar</li> <li>• B. Sc –CBZ- HNBGU, Srinagar</li> </ul>	
<b>Area of Research</b>	Environmental Chemistry, Water chemistry	
<b>Current Research, If any</b>	Hydroponics, Environmental Chemistry	
<b>Publications:</b> <ul style="list-style-type: none"> <li>• Articles in Journals (only Scopus/SCI)</li> <li>• Books edited/Chapter contributed/ Books authored</li> </ul>	<ul style="list-style-type: none"> <li>• Energetics and GHG Emission Mitigation of Solar Water Heating System in India, Renewable Energy, IntechOpen, 2020/2/5 Book Chapter in <i>Renewable energy</i>, 2020 (<i>Web of Science</i>)</li> <li>• Evaluation, comparison of different solvent extraction, cell disruption methods and hydrothermal liquefaction of <i>Odegonium</i> macroalgae for biofuel production. Biotechnology Reports Volume 22, <a href="https://doi.org/10.1016/j.btre.2019.e00340">https://doi.org/10.1016/j.btre.2019.e00340</a></li> <li>• Low- temperature catalyst based Hydrothermal liquefaction of harmful Macro algal blooms, and aqueous phase nutrient recycling by microalgae. Scientific Reports, Nature, Volume 9 – 11384, 2019. <a href="https://doi.org/10.1038/s41598-019-47664-w">https://doi.org/10.1038/s41598-019-47664-w</a></li> </ul>	

Conferences/Seminars/Workshops/  
FDP/MDP attended

- FDP on “Holistic teaching techniques for University Teachers” LCD, Uttarakhand University, 20-25 July 2020.
- Member of Executive Committee, FDP on Advanced Research & Statistical Techniques”, UCALS, Uttarakhand University, 22-28 Feb 2019.
- Member of Organizing Committee- Two days Workshop on Research Practices and Design for Professionals, UCALS, Uttarakhand University, 8-9 Feb 2019.
- Member of Organizing Committee for International Conference on New Horizons in Green Chemistry and Technology, organized by UCALS, Uttarakhand University. 27-28 November, 2018.
- Member of Executive Committee for one week Faculty Development Program on 'Advanced research & Statistical Techniques' organized by UCALS, Uttarakhand University 22- 28th February, 2019.
- Member of Organizing Committee, Two days Workshop on MATLAB and its applications, UCALS Uttarakhand University, 13-14 Sept 2018.
- Faculty development programme LCD, Uttarakhand University, 16-22 July 2018
- Teacher's congruence, LCD, Uttarakhand University, 16-July 2018
- Faculty Development Programme on Research methodology UIT, Uttarakhand University, 4-5 Dec 2017
- One Day seminar on Intellectual Property Right, UCALS UU, 7 Dec 2017
- One Day workshop on Food service management and Entrepreneurship, UCALS UU 8 April 2017.
- Attended 3 day Workshop on Yoga for Improving Performance. Organized by, Uttarakhand University, Dehradun. 3-5, April, 2017.
- One day workshop on Food service Management and Entrepreneurship, Uttarakhand University, Dehradun, 8, April, 2017.
- Member of Executive Committee, National Conference on Recent Advances in Science and Technology, Uttarakhand University, Dehradun, 27-28 Feb, 2017.
- Member of Organizing Committee on International Conference, Innovative Trends in Engineering Science and Technology, UCALS, Uttarakhand University, Dehradun March 18-19 2016.
- 15<sup>th</sup> symposium on Phytochemistry and Ayurveda: Potential and prospects. Organized by, Universities journal of phytochemistry and Ayurvedic heights. Tasmania Academy, Dehradun. 3, December, 2016.
- Workshop on Climate Change and effective Waste Management Techniques. Organized by SRHU, Jolly grant, Dehradun, 24 September, 2016.

- **Member of Organizing Committee, National Symposium on Biofuel: Indian Scenario 2016, Organized By Department of Chemistry, Uttarakhand University, Dehradun, Uttarakhand, 29 April 2016.**
- **“Tidal Energy- Tapping Energy of Tides”, National Symposium on Biofuel: Indian Scenario 2016, Organized By Department of Chemistry Uttarakhand University, Dehradun, Uttarakhand, 29 April 2016.**
- **International Conference on “Innovative Trends in Engineering, Science and Technology” Organized by Uttarakhand Institute of Technology, Uttarakhand University, Dehradun on March 18-19,2016.**
- **“International Conference on Pharmaceutical Sciences, ICPS-2014, Theme: Present Trends & Future Prospects in Pharmaceutical Sciences February 14-15, 2014 Division of Pharmaceutical Sciences, Sri Guru Ram Rai Institute of Technology and Science, Dehradun.**
- **Uttarakhand Techno Fest 2013, 3<sup>rd</sup> National Conference on “Bio-Meteorological Disaster: Impact, Assessment and Mitigation,” organized by Uttarakhand (PG) College of Technology & Bio- Medical Sciences, Dehradun, (U.K). 23<sup>rd</sup> February 2013.**
- **“Impact of Pharma Industry Effluent on the water quality of Dehradun Region”, International Symposium on Recent advances in Green Chemistry and Chromatographic Sciences, organized by Indian Society of Analytical Scientists (Delhi Chapter), Manav Rachna International University, Faridabad. 12-14 January, 2012.**
- **“Role of Nano–Technology in Environmental Conservation” UCOST at Doon University, Dehradun. December 1, 2010.**
- **“A study on the on the impact of effluent generated from sugar industry in Dehradun region”, 5<sup>th</sup> Science Congress Organized by UCOST, Dehradun, Doon University, Dehradun.10-12 November, 2010.**
- **National Science week Programme “Impact of Climate change on planet earth” organized by UCOST & ONGC March, 6, 2010.**
- **Popular Science Lecture “Role of Nano technology in environmental conservation” organized by UCOST, Doon University, December, 1, 2010.**
- **Golden Jubilee Seminar on “Analytical Sciences in Energy and Environment”, organized by Indian Institute of Petroleum (CSIR), Dehradun and Indian Society of Analytical Scientists- Delhi Chapter. November 19-20, 2009.**
- **“Causes and Mitigation of Environmental Degradation of Planet Earth with Special Reference to Uttarakhand.” International Seminar, MKP (PG) College, Dehradun. April 6-7, 2009.**

<b>Reward/Certificate/Prize received</b>	<ul style="list-style-type: none"> <li>• Life time member of Scientific Planet Society</li> <li>• Lifetime Membership of Indian Society of Analytical Scientists</li> <li>• Member of American Chemical Society(2018-19)</li> <li>• Letter of appreciation for organising and coordinating all events of Yuva fest- 2018.</li> <li>• Letter of appreciation as Member of Executive Committee FDP on “FDP on Advanced Research &amp; Statistical Techniques”, World Cancer Day.</li> </ul>
<b>Any extra-curricular activities</b>	<ul style="list-style-type: none"> <li>• Head Criteria II NAAC, Uttaranchal university</li> <li>• Coordinator- DIQAC- SALS</li> <li>• Head- Cultural &amp; Events- Uttaranchal University 2017 till date</li> <li>• Chairperson- Women Cell- Committee for the Prevention, Prohibition and Redressal of Sexual Harassment of Women employees and Students, UU 2018-19 &amp; 2019-20.</li> <li>• Member Flying Squad Even and Odd End Semester Examination 2018-19</li> <li>• Member Secretary Disciplinary Committee, UU 2017-18.</li> <li>• Co-ordinator- Eco-club, UU, 2010 till date.</li> <li>• President- Cultural Committee, SALS Session: 2016 onwards till date.</li> <li>• President- Cultural Committee, UIT Session: 2014-15 &amp; 2015-16</li> <li>• Vice- President- Cultural Committee, UIT 2013-14</li> <li>• Coordinator Women cell SALS, 2016 till 2020.</li> <li>• Content writer for SALS for University Website and News content of all the events conducted in SALS 2017-18, 2018-19 &amp; 2019-20.</li> <li>• Associate Editor for University Magazine 2014 – 2020.</li> <li>• Member of Anti-ragging Committee, Uttaranchal University, 2013onwards till 2020.</li> <li>• IQAC Criteria-2 Coordinator SALS, Uttaranchal University (2016 –2019)</li> <li>• Member of Proctorial Board, SALS 2019-20.</li> <li>• Member Secretary Anti- ragging Committee, SALS. 2017 till date.</li> <li>• Member Secretary Redressal cell, SALS 2016 till 2020.</li> <li>• Member BOS SALS- 2019-20</li> <li>• Coordinator Value Added Course on “Heritage of Dehradun”.</li> </ul>