

## BIO-DATA

Name : **DR. RAM NARESH BHARAGAVA**  
**M.Sc. (Molecular Biology & Biotechnology); Ph.D (Microbiology)**

Designation : **Assistant Professor**

Department : Department of Environmental Microbiology  
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Area of Research : **Environmental Microbiology & Biotechnology**

Interest : (Bio/Phytoremediation of Industrial Wastes/Environmental Pollutants, Metagenomics, Environmental Toxicology and Water & Wastewater Microbiology)



Interest in the bioremediation of pollutants has intensified in recent years as mankind strives to find sustainable ways to clean up contaminated environments. The elimination of pollutants and wastes from environment is an absolute requirement to promote the sustainable development of our society with low impact on environment. Biological processes play a major role in the removal of contaminants and they take advantage of the astonishing catabolic versatility of microorganisms to degrade /metabolite such compounds. Functional genomics and metagenomics approaches are increasing our understanding of the relative importance of different pathways and regulatory networks to carbon flux in particular environments and for particular compounds and they will certainly accelerate the development of bioremediation technologies and biotransformation processes.

### Academic Qualification

Qualification	Board/University	Passing Year	Subjects
Post - Doc.	UGC-PDF	2011	Microbiology
Ph.D	CSIR-Indian Institute of Toxicology Research (CSIR-IITR), Lucknow (Work Place) + Pt. Ravishankar Shukla University, Raipur, Chhattisgarh, India	2010	Microbiology
M. Sc.	Govind Ballabh Pant University of Agriculture & Technology (GBPUA&T), Pantnagar, Uttarakhand, India	2004	Molecular Biology & Biotechnology
B.Sc.	University of Lucknow, Lucknow, India	1998	Zoology, Botany & Chemistry
10 + 2	State Board of U. P., Allahabad, India	1995	General Hindi, English, Biology, Physics, & Chemistry,
10 <sup>th</sup>	State Board of U. P., Allahabad, India	1993	Hindi, English, Mathematics-2, Science-2, Social Science, & Biology

## Teaching Experience: 07 Years

## Research Experience: 10 Years

## Life Member of Scientific Societies

1. **Life Member** of the **Indian Science Congress Association (ISCA)**, Kolkata, India
2. **Life Member** of the **Association of Microbiologists of India (AMI)**, India
3. **Life Member** of the **Biotech Research Society of India (BRSI)**, Trivandrum, India
4. **Life Member** of the **Academy of Environmental Biology (AEB)**, Lucknow, India

## Science Conclave

Participated in the Academic & Interaction Sessions of the **“5<sup>th</sup> Science Conclave”** An MHRD – DST initiative programme at IIT, ALLAHABAD, India during **December 08 - 14, 2012.**

## Refresher/ Orientation Programme

1. Attended and successfully completed the **Refresher Course** run by the **University Grants Commission, Human Resource Development Centre, University of Lucknow**, Lucknow, India from **June 15-July 05, 2017.**
2. Attended and successfully completed the **Orientation Programme** run by the **Academic Staff College, University of Lucknow**, Lucknow, India from **June 01 -29, 2012.**

## Scholarships & Fellowships

1. **Post Doctoral Fellow** from **Jan 05, 2011** to **June 08, 2011** at **Indian Institute of Toxicology Research (IITR)**, Lucknow, India.
2. **CSIR-UGC-NET-SRF** from **August 19, 2006** to **August 18, 2009** at **Indian Institute of Toxicology Research (IITR)**, Lucknow, India.
3. **CSIR-UGC-NET-JRF** from **August 19, 2004** to **August 18, 2006** at **Indian Institute of Toxicology Research (IITR)**, Lucknow, India.
4. **DBT-Funded Scholarship** at Post-graduate level from **July 2002** to **May 2004** at **Govind Ballabh Pant University of Agriculture & Technology (GBPUA&T)**, Pantnagar, Uttarakhand, India.

## Competitive Exams Qualified at National Level

S. No.	Competitive Exams Qualified at National level	Year
1.	CSIR-UGC-NET-JRF	2003
2.	GATE	2003
3.	CSIR-UGC-NET-JRF	2002

## Honour, Prize & Awards

S. No.	Awards	Awardee	Title of Paper	Conference	National/ International	Organizer
1.	Best Poster Presentation	Ram Naresh Bharagava and Ram Chandra	Effect of anaerobically digested distillery effluent on various morphological, physiological and biochemical parameters in mustard plant ( <i>Brassica nigra L.</i> ).	"26 <sup>th</sup> Annual Conference of "The Academy of Environmental Biology" & national symposium on "Environmental Scenario: challenges and solutions" held from Dec. 23-25, 2006	National	Awadhesh Pratap Singh University, Rewa (M.P.) - 486003, India.

## Research Output

Books: **07**; Book Review: **01**; Book Chapter: **34**; Review Articles: **06**; Research Papers: **30**; General Science Articles: **07**; Magazine Articles: **09**; Patent Filled: **02**; Grant in Aid Project (Ongoing/Completed): **03**; Supervised Ph.D Thesis: **06** (Ongoing); Supervised M.Sc. Thesis: **34**; Conference Papers: **14**; Seminars/Symposia/Workshops Attended: **14**

## Research Projects (Ongoing/Completed): 03

S. No.	Title	Funding Agency	Total Cost	Status	Duration
1.	Development and optimization of a bacterial process for the degradation and detoxification of recalcitrant organic pollutants (ROPs) from tannery wastewater for environmental safety	Department of Science & Technology (DST), Government of India New Delhi- 110 002	47.70 lakh	Ongoing	Jan, 2018 to Jan, 2021
2.	Characterization of the recalcitrant organic pollutants (ROPs) and bacterial communities in tannery wastewater (TWW) after secondary treatment process and it's toxicological effects in environment	Department of Science & Technology (DST), Government of India New Delhi- 110 002	44.14 lakh	Completed	July, 2013 to July, 2017
3.	Detection of persistent organic pollutants (POPs) and bacterial communities in distillery wastewater contaminated aquatic resources after secondary treatment process	University Grants Commission (UGC), Government of India New Delhi- 110 002	6.0 lakh	Completed	Sept, 2012 to Sept, 2014

## Details of Patents: 02

S. No.	Patent Title	Name of Applicant(s)	Patent No.	Award Date	Agency/ Country	Status
1.	Disinfecting and cleansing composition of <i>L.usitattissimum</i> Fixed oil	Nikilesh Kumar, Ram Naresh Bharagava, Gaurav Kaithwas	1905/DEL/2013	Awaiting Examination	Department of Industrial Policy & Promotion, Ministry of Commerce and Industry, India	Under process
2.	Perilla frutescens fixed oil: efficacy against bovine mastitis	Nikilesh Kumar, Ram Naresh Bhargava, Gaurav Kaithwas	560/DEL/2013	Awaiting Examination	Department of Industrial Policy & Promotion, Ministry of Commerce and Industry, India	Under process

## Research Publications: 75 (Total Impact Factor: 77.09)

<b>Books: 07</b>					
S. No.	Author's	Title	Type	Publisher	Year
1.	Ram Naresh Bharagava & Gaurav Saxena	Bioremediation of Industrial Wastes for Environmental Safety: Volume II: Biological Agents and Methods for Industrial Waste Management	Edited Book	Springer Nature, Singapore	In Press
2.	Ram Naresh Bharagava & Gaurav Saxena	Bioremediation of Industrial Wastes for Environmental Safety: Volume I: Industrial waste and its management	Edited Book	Springer Nature, Singapore	In Press
3.	Ram Naresh Bharagava	Recent Advances in Environmental Management	Edited Book	CRC Press, Taylor & Francis Group, USA (ISBN 978-0-8153-8314-7)	In Press
4.	Ram Naresh Bharagava and Pankaj Chowdhary	Emerging and Ecofriendly Approached for Waste Management	Edited Book	Springer Nature, Singapore	In Press
5.	Ram Naresh Bharagava	Environmental Pollutants And Their Bioremediation Approaches	Edited Book	CRC Press, Taylor & Francis Group, USA (ISBN 9781138628892)	2017
6.	Ram Naresh Bharagava & Gaurav Saxena	Bioremediation of Industrial Pollutants	Edited Book	Write & Print Publications, New Delhi - 110 015 (ISBN: 978-93-84649-60-9)	2016
7.	Ram Naresh Bharagava and Ram Chandra	Bacterial Metabolism of Melanoidins from Distillery Effluent	Author Book	Intl. Eds. "LAP Lambert Academic Publishing AG & Co KG" (ISBN 9783848449033)	2012
<b>Book Review: 01</b>					
1.	Gaurav Saxena and Ram Naresh Bharagava	Advances in biodegradation and bioremediation of industrial waste	Editor & Publisher: Ram Chandra, CRC Press, (Taylor & Francis Group) (ISBN 9781498724746)	Clean Technologies and Environmental Policy. 18(3):979-980 (IF: 1.934)	2016
<b>Book Chapters: 34</b>					
S. No.	Author's	Chapter Title & No.	Book Title	Publisher	Year
1.	Ram Naresh Bharagava and Gaurav Saxena	Progress in bioremediation technologies for industrial waste treatment and management for environmental sustainability, future directions and concluding remarks	Bioremediation of Industrial Wastes for Environmental Safety: Volume II: Biological Agents and Methods for Industrial Waste Management	Springer Nature, Singapore	In Press
2.	Gaurav Saxena, Sikandar I. Mulla and Ram Naresh Bharagava	Ecofriendly and emerging technologies for removal of organic and inorganic pollutants from industrial wastewaters	Bioremediation of Industrial Wastes for Environmental Safety: Volume II: Biological Agents and Methods for Industrial Waste Management	Springer Nature, Singapore	In Press

3.	Gaurav Saxena, Ganesh Dattatraya Saratale and <b>Ram Naresh Bharagava</b>	Genetically modified organisms (GMOs) and their potential in environmental management: Constraints, prospects and challenges	<b>Bioremediation of Industrial Wastes for Environmental Safety: Volume II: Biological Agents and Methods for Industrial Waste Management</b>	Springer Nature, Singapore	<b>In Press</b>
4.	Sikandar I. Mulla, Fuad Ameen, Manjunatha P. Talwar, Syed Ali Musstjab Akber Shah Eqani, <b>Ram Naresh Bharagava</b> , Gaurav Saxena, Preeti N. Tallur, Harichandra Z. Ninnekar	Organophosphate pesticides: Impact on environment, toxicity and their degradation	<b>Bioremediation of Industrial Wastes for Environmental Safety: Volume I: Industrial waste and its management</b>	Springer Nature, Singapore	<b>In Press</b>
5.	Rijuta Ganesh Saratale, Han Seung Shin, Giovanni Benelli, <b>Ram Naresh Bharagava</b> and Ganesh Dattatraya Saratale	Textile industry wastewater: A major source of dyes contamination in environment and bioremediation approaches for environmental sustainability	<b>Bioremediation of Industrial Wastes for Environmental Safety: Volume I: Industrial waste and its management</b>	Springer Nature, Singapore	<b>In Press</b>
6.	<b>Ram Naresh Bharagava</b> , Gaurav Saxena and Sikandar I. Mulla	Introduction to industrial wastes containing organic and inorganic pollutants	<b>Bioremediation of Industrial Wastes for Environmental Safety: Volume I: Industrial waste and its management</b>	Springer Nature, Singapore	<b>In Press</b>
7.	Sandhya Mishra and <b>Ram Naresh Bharagava</b>	Chromium contamination in environment, health hazards and bioremediation approach	<b>Recent Advances in Environmental Management</b>	CRC Press, Taylor & Francis Group, USA (ISBN 978-0-8153-8314-7)	<b>In Press</b>
8.	Gaurav Saxena and <b>Ram Naresh Bharagava</b>	Microbial enzymes and their role in degradation and detoxification of organic and inorganic pollutants from industrial wastes	<b>Recent Advances in Environmental Management</b>	CRC Press, Taylor & Francis Group, USA (ISBN 978-0-8153-8314-7)	<b>In Press</b>
9.	Sujata and <b>Ram Naresh Bharagava</b>	Mechanism of azo dyes degradation and decolorization for environmental safety	<b>Recent Advances in Environmental Management</b>	CRC Press, Taylor & Francis Group, USA (ISBN 978-0-8153-8314-7)	<b>In Press</b>
10.	Surabhi Zainith, Pankaj Chowdhary, and <b>Ram Naresh Bharagava</b>	Recent advances in physico-chemical and biological techniques for the management of pulp and paper mill waste	<b>Emerging &amp; Eco-Friendly Approaches for Waste Management</b>	Springer Nature, Singapore	<b>In Press</b>
11.	Sujata Mani, Pankaj Chowdhary, and <b>Ram Naresh Bharagava</b>	Textile wastewater Dyes: Toxicity profile and treatment approaches	<b>Emerging &amp; Eco-Friendly Approaches for Waste Management</b>	Springer Nature, Singapore	<b>In Press</b>
12.	Pankaj Chowdhary, and <b>Ram Naresh Bharagava</b>	Toxicity, beneficial aspect and treatment of alcohol industry wastewater	<b>Emerging &amp; Eco-Friendly Approaches for Waste Management</b>	Springer Nature, Singapore	<b>In Press</b>

13.	Sandhya Mishra, Pankaj Chowdhary and <b>Ram Naresh Bharagava</b>	Conventional methods for the removal of industrial pollutants, their merits and demerits	<b>Emerging &amp; Eco-Friendly Approaches for Waste Management</b>	Springer Nature, Singapore	In Press
14.	<b>Ram Naresh Bharagava</b> , Diane Purchase, Gaurav Saxena and Sikandar I. Mulla	Applications of metagenomics in microbial bioremediation of pollutants: From genomics to environmental cleanup	<b>Advances in Microbial Diversity In Genomic Era</b>	Academic Press, Elsevier, USA	In Press
15.	Sandhya Mishra, Nandkishor More, Ashutosh Yadav, Surabhi Zainith, Sujata Mani, Pankaj Chowdhary and <b>Ram Naresh Bharagava</b>	Heavy metals contamination: An alarming threat to environment and human health	<b>Molecular and Cellular Biochemistry</b>	Springer	In Press
16.	Pankaj Chowdhary, Sujata Mani, Ileana Pereda Reyes and <b>Ram Naresh Bharagava</b>	Effects of industrial wastewaters on soil sustainability and environment	<b>Soil Amendments for Sustainability: Challenges and Perspectives</b>	CRC Press, (Taylor & Francis Group), USA	In Press
17.	Pankaj Chowdhary, Nandkishor More, Ashutosh Yadav, <b>Ram Naresh Bharagava</b>	Ligninolytic Enzymes: An introduction and applications in Food industry	<b>Enzymes in Food Biotechnology: Production, Applications, and Future Prospects</b>	Elsevier Inc.	In Press
18.	<b>Ram Naresh Bharagava</b> and <b>Gaurav Saxena</b>	Organic and inorganic pollutants in industrial wastes, their ecotoxicological effects, health hazards and bioremediation approaches	<b>Environmental Pollutants and Their Bioremediation Approaches</b>	CRC Press, (Taylor & Francis Group), USA (ISBN 9781138628892)	2017
19.	<b>Ram Naresh Bharagava</b> , Chowdhary P, Saxena G	Bioremediation: An eco-sustainable green technology, it's applications and limitations	<b>Environmental Pollutants and Their Bioremediation Approaches</b>	CRC Press, (Taylor & Francis Group), USA (ISBN 9781138628892)	2017
20.	<b>Ram Naresh Bharagava</b> , Saxena, G and Chowdhary, P.	Role of constructed wetlands in treatment of industrial wastewaters	<b>Environmental Pollutants and Their Bioremediation Approaches</b>	CRC Press, (Taylor & Francis Group), USA (ISBN 9781138628892)	2017
21.	Swetlana Gautam, Gaurav Kaithwas, <b>Ram Naresh Bharagava</b> and Gaurav Saxena	Pollutants in tannery wastewater, their pharmacological effects and bioremediation approaches for human health protection and environmental safety	<b>Environmental Pollutants and Their Bioremediation Approaches</b>	CRC Press, (Taylor & Francis Group), USA (ISBN 9781138628892)	2017
22.	Chowdhary, P., Yadav, A., and <b>Bharagava, R N</b>	Distillery wastewater: a major source of environmental pollution and it's biological treatment for environmental safety	<b>Green Technology and Environmental Sustainability</b>	Springer International (ISBN 9783319506531)	2017
23.	Yadav A, Chowdhary P, Kaithwas G, and <b>Bharagava R N.</b>	Toxic metals in environment, their threats on ecosystem and bioremediation approaches	<b>Metal-Microbe Interaction and Bioremediation: Principle &amp; Applications for Toxic Metal</b>	CRC Press, (Taylor & Francis Group), USA (ISBN 9781498762427)	2017

24.	Sujata and <b>Ram Naresh Bharagava</b>	Microbial Degradation and Decolorization of Dyes from Textile Industry Wastewater	<b>Bioremediation of Industrial Pollutants</b>	Write & Print Publications New Delhi - 110 015 (ISBN: 9789384649609)	2016
25.	Gaurav Saxena and <b>Ram Naresh Bharagava</b>	Organic Pollutants in Tannery Wastewater and Bioremediation Approaches for Environmental Safety	<b>Bioremediation of Industrial Pollutants</b>	Write & Print Publications New Delhi - 110 015 (ISBN: 9789384649609)	2016
26.	Chowdhary, P., Saxena, G., and <b>Bharagava R. N.</b>	Role of Laccase Enzyme in Bioremediation of Industrial Wastes and its Biotechnological Application	<b>Bioremediation of Industrial Pollutants</b>	Write & Print Publications New Delhi - 110 015 (ISBN: 9789384649609)	2016
27.	Saxena, G., Chowdhary, P., and <b>Bharagava, R N.</b>	Xenobiotics: environmental pollution and health hazards, its biodegradation and future challenges	<b>Bioremediation of Industrial Pollutants</b>	Write & Print Publications New Delhi - 110 015 (ISBN: 9789384649609)	2016
28.	Sujata Mani and <b>Ram Naresh Bharagava</b>	Exposure to Crystal Violet, Its Toxic, Genotoxic and Carcinogenic Effects on Environment and Its Degradation and Detoxification for Environmental Safety.	<b>Reviews of Environmental Contamination and Toxicology</b>	Springer International Publishing, Switzerland (ISBN 9783319235721)	2016
29.	Ashutosh Yadav, and <b>Ram Naresh Bharagava</b>	Organic Pollutants and Pathogenic Bacteria in Tannery Wastewater and their Removal Strategies. <b>5:101-127.</b>	<b>Microbes and Environmental Management</b>	Studium Press (India) Pvt. Ltd. (ISBN: 9789380012834)	2016
30.	Surabhi Zainith, and <b>Ram Naresh Bharagava</b>	Microbes an Ecofriendly Tools for the Treatment of Industrial Wastewaters. <b>4:75-100.</b>	<b>Microbes and Environmental Management</b>	Studium Press (India) Pvt. Ltd. (ISBN: 9789380012834)	2016
31.	Gaurav Saxena and <b>Ram Naresh Bharagava</b>	Persistent Organic Pollutants and Bacterial Communities Present during the Treatment of Tannery Wastewater. <b>9:218-248.</b>	<b>Environmental Waste Management</b>	CRC Press (Taylor & Francis Group) ISBN 9781498724746)	2015
32.	Ram Chandra, <b>Ram Naresh Bharagava</b> and Sangeeta Yadav	Wetland Rhizosphere bacteria: An eco-friendly tool for bioremediation of environmental pollutant. <b>13: 232-289.</b>	<b>Recent Trends in Microbial Biotechnology</b>	Intl. Eds. "LAP Lambert Academic Publishing GmbH & Co. KG" (ISBN 9783843390026)	2011
33.	Ram Chandra, Sangeeta Yadav and <b>Ram Naresh Bharagava</b>	Bioremediation and decolourization of post methanated distillery effluent. <b>8:121-135.</b>	<b>Environment Security: Human &amp; Animal Health</b>	Natl. Eds. ibdc Publishers (ISBN 8181891716, 9788181891716)	2011
34.	Ram Chandra and <b>Ram Naresh Bharagava</b>	Microbial degradation of melanoidin: A major environmental pollutant of distillery waste. <b>5:102-137.</b>	<b>New Frontiers of Environmental Biotechnological Application</b>	Natl. Eds. ENVIS Centre on Environmental Biotechnology	2007
<b>Review Articles: 06</b>					
S. No.	Author's	Title	Journal, Volume & Page No.	Year	
1.	Pankaj Chowdhary, Abhay Raj and <b>Ram Naresh Bharagava</b>	Environmental pollution and health hazards from distillery wastewater and treatment approaches to combat the environmental threats: A review	<b>Chemosphere</b> 194: 229-246 (IF: 4.2)	2017	



2.	Gaurav Saxena, Ram Chandra and <b>Ram Naresh Bharagava</b>	Environmental Pollution, Toxicity Profile and Treatment Approaches for Tannery Wastewater and Its Chemical Pollutants	<b>Reviews of Environmental Contamination and Toxicology. 240: 31-69. (IF: 3.7)</b>	2017
3.	Sandhya Mishra and <b>Ram Naresh Bharagava</b>	Toxic and genotoxic effects of hexavalent chromium in environment and its bioremediation strategies	<b>Journal of Environmental Science and Health, Part C. 34(1): 1-32. (IF: 4.27)</b>	2016
4.	Sujata and <b>Ram Naresh Bharagava</b>	Exposure to crystal violet, its toxic, genotoxic and carcinogenic effects on environment and its degradation and detoxification for environmental safety	<b>Reviews of Environmental Contamination and Toxicology. 237: 71-104. (IF: 3.7)</b>	2015
5.	Gaurav Saxena, <b>Ram Naresh Bharagava</b> , Gaurav Kaithwas and Abhay Raj	Microbial indicators, pathogens and methods for their monitoring in water environment	<b>J. Water and Health (In Press) (IF: 1.2)</b>	2015
6.	Ram Chandra, <b>Ram Naresh Bharagava</b> and Vibhuti Rai	Melanoidins as major colorant in sugarcane molasses based distillery effluent and its degradation.	<b>Bioresource Technology 99: 4648-4660; (IF: 5.172)</b>	2008

**Research Papers: 30**

**International: 25**

S. No.	Author's	Title	Journal, Volume & Page No.	Year
1.	Surya Pratap Goutam, Gaurav Saxena, Varunika Singh, Anil Kumar Yadav, <b>Ram Naresh Bharagava</b> , Khem B. Thapa	Green synthesis of TiO <sub>2</sub> nanoparticles using leaf extract of <i>Jatropha curcas</i> L. for photocatalytic degradation of tannery wastewater	<b>Chemical Engineering Journal. 336: 386-396</b>	2018
2.	<b>Ram Naresh Bharagava</b> and Sandhya Mishra	Hexavalent chromium reduction potential of <i>Cellulosimicrobium</i> sp. isolated from common effluent treatment plant of tannery industries	<b>Ecotoxicology and Environmental Safety. 147: 102-109</b>	2018
3.	Ram Naresh Bharagava, Gaurav Saxena, Sikandar I. Mulla, Devendra Kumar Patel	Characterization and identification of recalcitrant organic pollutants (ROPs) in tannery wastewater and its phytotoxicity evaluation for environmental safety	<b>Archives of Environmental Contamination and Toxicology (doi.org/10.1007/s00244-017-0490-x)</b>	2017
4.	Sikandar I. Mulla, Fuad Ameen, Preeti N. Tallur, Ram Naresh Bharagava, Manjunatha Bangeppagari, Syed Ali Musstjab Akber Shah Eqani, Zabin K. Bagewadi, Gurumurthy D. Mahadevan, Chang-Ping Yu, Harichandra Z. Ninnekar	Aerobic degradation of fenvalerate by a Gram-positive bacterium <i>Bacillus flexus</i> strain XJU-4	<b>3 Biotech. 7: 320-328.</b>	2017
5.	Pankaj Chowdhary, Nandkishor More, Abhay Raj and <b>Ram Naresh Bharagava</b>	Characterization and identification of bacterial pathogens from treated tannery wastewater	<b>Microbiology Research International. 5(3): 30-36</b>	2017



6.	Sujata Mani & <b>Ram Naresh Bharagava</b>	Isolation, screening and biochemical characterization of bacteria capable of crystal violet dye decolorization	<b>International Journal of Applied and Advanced Scientific Research. 2(2): 70-75.</b>	2017
7.	A. Verma, S. Singh, N. Dhusia, <b>R. N. Bhargava</b> , R. Kumar, R. Gautam, Islamuddin, K.R. Venkatesh, N. More	Qualitative Determination of Virgin and Recycled Plastic Used for Drinking and Storing Foodstuff: An Analytical Study Using SEM/EDX	<b>International Journal of Health Sciences and Research. 7(3): 275-283. (IF: 3.624)</b>	2017
8.	Vineeta Kumari , Ashutosh Yadav , Izharul Haq , Sharad Kumar, <b>Ram Naresh Bharagava</b> , Sudheer Kumar Singh , Abhay Raj	Genotoxicity evaluation of tannery effluent treated with newly isolated hexavalent chromium reducing <i>Bacillus cereus</i>	<b>Journal of Environmental Management. 183: 204-211 (IF: 3.131)</b>	2016
9.	Izharul Haq, Vineeta Kumari, Sharad Kumar, Abhay Raj, Mohtashim Lohani, and <b>Ram Naresh Bhargava</b>	Evaluation of the Phytotoxic and Genotoxic Potential of Pulp and Paper Mill Effluent Using <i>Vigna radiata</i> and <i>Allium cepa</i>	<b>Hindawi Publishing Corporation Advances in Biology. 1-10</b>	2016
10.	Anjali Verma, <b>Ram Naresh Bharagava</b> , Venkatesh Kumar, Ashima Singh, Namita Dhusia, and Nandkishor More	Role of macrophytes in heavy metal removal through rhizo-filtration in aquatic ecosystem	<b>European Journal of Biotechnology and Bioscience 4(10): 15-20</b>	2016
11.	Ashutosh Yadav, Abhay Raj and <b>Ram Naresh Bharagava</b>	Detection and Characterization of a Multidrug and Multimetal Resistant Enterobacterium <i>Pantoea</i> sp. from Tannery Wastewater after Secondary Treatment Process	<b>Int. J. Plant and Environ. 2(1-2): 37-42</b>	2016
12.	Ram Chandra and <b>Ram Naresh Bharagava</b>	Bacterial degradation of synthetic and kraft lignin by axenic and mixed culture and their metabolic products	<b>J. Environ. Biology 34 (3) (IF: 0.65)</b>	2013
13.	Rajesh Kumar, <b>Ram Naresh Bharagava</b> , Manish Kumar, Sanjeev K Singh and Govind K	Enhanced Biodegradation of Mobil Oil Hydrocarbons by Biosurfactant Producing Bacterial Consortium in Wheat and Mustard Rhizosphere	<b>J. Pet. Environ. Biotechnol. 4:5 (IF: 2.89)</b>	2013
14.	R. Chandra, <b>Ram Naresh Bharagava</b> , A. Kapley and H.J. Purohit	Characterization of <i>Phragmites cummunis</i> rhizosphere bacterial communities and metabolic products during the two stage sequential treatment of post methanated distillery effluent by bacteria and wetland plants	<b>Bioresource Technology 103: 78-86 (IF: 5.172)</b>	2012
15.	R. Chandra, <b>Ram Naresh Bharagava</b> , A. Kapley and H.J. Purohit	Bacterial diversity, organic pollutant and their metabolites in two aeration lagoons of common effluent treatment plant (CETP) during the degradation and detoxification of tannery wastewater	<b>Bioresource Technology 102: 2333-2341 (IF: 5.172)</b>	2011
16.	Ram Chandra, Sangeeta Yadav, <b>Ram Naresh Bharagava</b> and Vibhuti Rai	Phenol degradation by <i>Paenibacillus thiaminolyticus</i> and <i>Bacillus cereus</i> in axenic and mixed conditions.	<b>World J. Microbiol. Biotechnol. 27: 2939-2947 (IF: 1.532)</b>	2011
17.	<b>Ram Naresh Bharagava</b> and R. Chandra	Effect of bacteria treated and untreated post-methanated distillery effluent (PMDE) on seed germination, seedling growth and amylase activity in <i>Phaseolus mungo</i> L.	<b>Journal of Hazardous Materials 180: 730-734 (IF: 4.679)</b>	2010

18.	<b>Ram Naresh Bharagava</b> and Ram Chandra	Biodegradation of the major color containing compounds in distillery wastewater by an aerobic bacterial culture and characterization of their metabolites	<b>Biodegradation Journal</b> 21:703-711 (IF: 2.017)	2010
19.	<b>Ram Naresh Bharagava</b> , Ram Chandra and Vibhuti Rai	Isolation and characterization of aerobic bacteria capable of the degradation of synthetic and natural melanoidins from distillery effluent	<b>World J. Microbiol. Biotechnol.</b> 25: 737-744 (IF: 1.532)	2009
20.	Ram Chandra, <b>Ram Naresh Bharagava</b> , Vibhuti Rai and Shio Kumar Singh	Characterization of sucrose-glutamic acid Maillard products (SGMPs) degrading bacteria and their metabolites	<b>Bioresource Technology</b> 100: 6665-6668 (IF: 5.172)	2009
21.	R. Chandra, <b>Ram Naresh Bharagava</b> , S. Yadav and D. Mohan	Accumulation and distribution of toxic metals in wheat ( <i>Triticum aestivum</i> L.) and Indian mustard ( <i>Brassica campestris</i> L.) irrigated with distillery and tannery effluents	<b>Journal of Hazardous Materials</b> 162: 1514-1521 (IF: 4.679)	2009
22.	Ram Chandra, <b>Ram Naresh Bharagava</b> , Atya Kapley and Hemant J. Purohit	Isolation and characterization of potential aerobic bacteria capable for pyridine degradation in presence of picoline, phenol and formaldehyde as co-pollutants	<b>World J. Microbiol. Biotechnol.</b> 25: 2113-2119 (IF: 1.532)	2009
23.	Ram Chandra, Sangeeta Yadav and <b>Ram Naresh Bharagava</b>	Biodegradation of pyridine raffinate by two bacterial co-cultures of <i>Bacillus cereus</i> (DQ435020) and <i>Alcaligenes faecalis</i> (DQ435021)	<b>World J. Microbiol. Biotechnol.</b> 26: 685-692 (IF: 1.532)	2009
24.	<b>Ram Naresh Bharagava</b> , R. Chandra and V. Rai	Phytoextraction of trace elements and physiological changes in Indian mustard plants ( <i>Brassica nigra</i> L.) grow in post methanated distillery effluent (PMDE) irrigated soil	<b>Bioresource Technology</b> 99 (17): 8316-8324 (IF: 5.172)	2008
25.	Ram Chandra, Sangeeta Yadav, <b>Ram Naresh Bharagava</b> and R C Murthy	Bacterial pretreatment enhances removal of heavy metals during treatment of post-methanated distillery effluent by <i>Typha angustata</i> L.	<b>J. Environ. Manag.</b> 88:1016-1024 (IF: 3.161)	2008
<b>National: 05</b>				
26.	<b>Ram Naresh Bharagava</b> , Sangeeta Yadav and Ram Chandra	Antibiotic and heavy metal resistance properties of bacteria isolated from the aeration lagoons of common effluent treatment plant (CETP) of tannery industries (Unnao, India)	<b>Ind. J. Biotechnol.</b> 13: 514-519 (IF: 0.51)	2014
27.	<b>Ram Naresh Bharagava</b> and Ram Chandra	Isolation and characterization of phenolic compounds by <sup>1</sup> H NMR and Mass spectrometric analysis from sugar cane molasses post methanated distillery effluent	<b>Ind. J. Environ. Prot.</b> 29 (10): 873-881	2009
28.	<b>Ram Naresh Bharagava</b> , Ram Chandra and Shio Kumar Singh	Characterization of phenolic metabolites from post methanated distillery effluent (PMDE) after degradation with bacterial consortium	<b>Ind. J. Environ. Prot.</b> 28 (11):1019-1027	2008
29.	<b>Ram Naresh Bharagava</b> , Ram Chandra and Shio Kumar Singh	Elucidation of Chemical structure of Phenolic Compounds by H <sup>1</sup> NMR and GC-mass Spectrometry present in anaerobically digested distillery effluent	<b>Ind. J. Environ. Prot.</b> 26 (11):1015-1018	2006

30.	<b>Ram Naresh Bharagava</b> and Vijay Kumar Khanna	Assessment of genetic diversity in Indian aromatic rice ( <i>Oryza sativa</i> L.) accessions by RAPD marker technique	<b>Pantnagar Journal of Research.</b> 4 (2): 95-100	2006
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### Papers Presented in National & International Conferences: 14

S. No.	Author's	Title of Paper Presented	Conference	National/ International	Organizer
1.	<b>Ram Naresh Bharagava</b>	Characterization & identification of a Multidrug and Multimetal Resistant Enterobacterium <i>Pantoea</i> sp. from Tannery Wastewater after Secondary Treatment Process	<b>4<sup>th</sup> Lucknow Science Congress (Luscon-2017)</b> held from <b>March 3-4, 2017</b>	<b>National</b>	<b>Babasaheb Bhimrao Ambedkar University (A Central University),</b> Lucknow- 25
2.	<b>Ram Naresh Bharagava</b>	Degradation and decolourization of distillery wastewater melanoidins by manganese peroxidase (MnP) producing bacteria	<b>Fifth International Conference on Plants and Environmental Pollution (ICPEP-5)</b> held from <b>Feb 24-27, 2015</b>	<b>International</b>	<b>CSIR-National Botanical Research Institute (CSIR-NBRI),</b> Lucknow, India
3.	<b>Ram Naresh Bharagava</b>	Roll of microbial indicators in monitoring of pathogens in water environment	National Conference on <b>“Leveraging Science and Innovations for Development (2<sup>nd</sup> Lucknow Science Congress)”</b> held from <b>March 27-28, 2014</b>	<b>National</b>	<b>Babasaheb Bhimrao Ambedkar University (A Central University),</b> Lucknow- 25
4.	<b>Ram Naresh Bharagava</b>	Antibiotic and heavy metal resistant property of bacteria isolated from common effluent treatment plant (CETP) of tannery industries	International Conference on <b>“Environmental Technology and Sustainable Development: Challenges &amp; Remedies”</b> held from <b>Feb 21-23, 2014</b>	<b>International</b>	<b>Babasaheb Bhimrao Ambedkar University (A Central University),</b> Lucknow-25
5.	<b>Ram Naresh Bharagava</b>	Tannery wastewater treatment at common effluent treatment plant (CETP) by heavy metal and antibiotic resistant bacteria	<b>54<sup>th</sup> Annual Conference of the Association of Microbiologists of India (AMI)</b> on <b>“Frontier discoveries and innovations in microbiology and its interdisciplinary relevance (FDMIR-2013)</b> held from <b>Nov 17- 20, 2013</b>	<b>International</b>	<b>Maharshi Dayanand University, Rohtak 124 001,</b> Haryana, India
6.	<b>Ram Naresh Bharagava</b> and Ram Chandra	Plasmid mediated antibiotic and heavy metal resistance property of bacterial isolated from the aeration lagoons of common effluent treatment plant (CETP) of tannery industries	<b>53<sup>rd</sup> Annual Conference of Association of the Microbiologists of India (AMI)</b> on <b>“Microbial World: Recent Innovations and Future Trends”</b> held from <b>Nov. 22-25, 2012</b>	<b>International</b>	<b>KIIT University,</b> Bhubaneswar, Odisha – 751 024, India

7.	<b>Ram Naresh Bharagava</b> and Ram Chandra	Simultaneous reduction of chromium and phenolic compounds in tannery common effluent treatment plant (CETP) by plasmid bearing heavy metal and antibiotic resistant bacteria	<b>52<sup>nd</sup></b> Annual Conference of the <b>Association of Microbiologists of India (AMI)</b> on “ <b>Microbial Biotechnology for Sustainable Development</b> ” held from <b>Nov. 03-06, 2011</b>	<b>International</b>	<b>Panjab University,</b> Chandigarh - 160 014, India
8.	Ram Chandra and <b>Ram Naresh Bharagava</b>	Genotyping of <i>Phragmites cummunis</i> rhizosphere bacterial communities and metabolites produced during the degradation of distillery effluent in two step treatment by bacteria and constructed wetland treatment system by PCR-RFLP and LC-MS-MS analysis.	International Conference of <b>Biotech Research Society of India (BRSI)</b> on “ <b>Genomic Sciences-Recent Trends (ICGS-2010)</b> ” held from <b>Nov. 12-14, 2010</b>	<b>International</b>	<b>Madurai Kamaraj University,</b> Madurai- 625 021, India
9.	Ram Chandra and <b>Ram Naresh Bharagava</b>	Bacterial diversity, organic pollutants and their metabolites in two aeration lagoons of common effluent treatment plant (CETP) during the degradation and detoxification of tannery wastewater	<b>51<sup>st</sup></b> Annual Conference of the <b>Association of Microbiologists of India (AMI)</b> on “ <b>Recent advances in Cross-disciplinary Microbiology: Avenues &amp; Challenges</b> ” held from <b>Dec. 14-17, 2010</b>	<b>International</b>	<b>Birla Institute of Technology, MESRA,</b> Ranchi, India.
10.	<b>Ram Naresh Bharagava</b> and Ram Chandra	Accumulation of toxic metals in Wheat ( <i>Triticum aestivum</i> L.) and Indian mustard ( <i>Brassica campestris</i> L.) irrigated with distillery and tannery effluents	<b>28<sup>th</sup></b> Annual Conference of “ <b>The Academy of Environmental Biology</b> ” on “ <b>Environmental Stress &amp; Bioresource Management</b> ” held from <b>Nov. 20-22, 2008</b>	<b>National</b>	<b>Jamia Hamdard University,</b> New Delhi- 110 062, India.
11.	<b>Ram Naresh Bharagava,</b> Ram Chandra and Vibhuti Rai	Characterization of phenolic compounds from post methanated distillery effluent (PMDE)	<b>27<sup>th</sup></b> Annual Conference of “ <b>The Academy of Environmental Biology</b> ” on “ <b>Biomarkers of Environmental Problems</b> ” held from <b>Oct. 26-28, 2007</b>	<b>National</b>	<b>Ch. Charan Singh University,</b> Meerut- 250 004 (U.P.), India.
12.	<b>Ram Naresh Bharagava</b> and Ram Chandra	Effect of anaerobically digested distillery effluent on various morphological, physiological and biochemical parameters in mustard plant ( <i>Brassica nigra</i> L.)	<b>26<sup>th</sup></b> Annual Conference of “ <b>The Academy of Environmental Biology</b> ” on “ <b>Environmental Scenario: challenges and solutions</b> ” held from <b>Dec. 23-25, 2006</b>	<b>National</b>	<b>Awadhesh Pratap Singh University,</b> Rewa (M.P.) - 486003, India.

13.	Ram Chandra, Ram Naresh Bharagava, Shio Kumar Singh and Vibhuti Rai	Biodegradation of distillery effluent by mixed culture of two unidentified bacterial strains and characterization of metabolites	47 <sup>th</sup> Annual Conference of "Association of Microbiologists of India (AMI)" on <b>Microbiology: The challenges head</b> " held from <b>Dec. 6-8, 2006</b>	National	Barkatullah University, Bhopal- 4620026, India
14.	Ram Naresh Bharagava and Ram Chandra	Elucidation of chemical structure of phenolic compounds by H <sup>1</sup> NMR and GC-mass spectrometry present in anaerobically digested distillery effluent	25 <sup>th</sup> Annual Conference of "The Academy of Environmental Biology" on <b>"Recent trends in Environmental Biology and Biotechnological Approach to Conserve Biodiversity"</b> held from <b>Oct. 22- 24, 2005</b>	National	Gulbarga University, Gulbarga, Karnataka, India

### Seminars/Symposia/Workshops Attended: 14

S. No.	Seminars/Symposium/Workshops	National/ International	Organizer	Year
1.	National symposium on "IPRs in Agricultural Research"	National	Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow-25	Aug 30-31, 2017
2.	One day symposium on "Science & Technology for Specially Abled Persons"	National	Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow-25	Feb 28, 2017
3.	104 <sup>th</sup> Indian Science Congress	National	S. V. University, Tirupati	Jan 3-7, 2017
4.	International Workshop on "Bridging Development Divide for Inclusive Growth through Science, Technology and Innovation".	International	Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow-25	Jan 16-17, 2015
5.	International Symposium on "Biodiversity: Status, Utilization and Impact of Challenging Climatic Conditions".	International	Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow-25	Oct 30-31, 2014
6.	National Workshop on "Innovation and Technology Transfer to Industries: Role of Universities".	National	Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow- 25	March 10 - 11, 2014
7.	International Symposium on "Frontier discoveries and innovations in microbiology and its interdisciplinary relevance (FDMIR-2013)".	International	Maharshi Dayanand University, Rohtak 124 001, Haryana, India	Nov 17- 20, 2013
8.	International Symposium on "rRNA sequencing, phylogeny & next generation genome sequencing".	International	Birla Institute of Technology, MESRA, Ranchi, India.	Dec. 14-17, 2010
9.	National Symposium on "Building an Ecologically Sustainable Society".	National	Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow-25	Aug 16, 2013
10.	National Seminar on "Environment, Education and Society"	National	Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow-25	June 5, 2013

11.	National Symposium on “ <b>Environmental Stress &amp; Bioresource Management</b> ”	National	Jamia Hamdard University, New Delhi- 110 062, India.	Nov. 20-22, 2008
12.	National Symposium on “ <b>Biomarkers of Environmental Problems</b> ”	National	Ch. Charan Singh University, Meerut- 250 004 (U.P.), India	Oct. 26-28, 2007
13.	National Seminar on “ <b>Environmental Scenario: Challenges and Solutions</b> ”	National	Awadhesh Pratap Singh University, Rewa (M.P.) - 486003, India.	Dec. 23-25, 2006
14.	National Symposium on “ <b>Recent Trends in Environmental Biology and Biotechnological Approach to Conserve Biodiversity</b> ”	National	Gulbarga University, Gulbarga, Karnataka, India	Oct. 22- 24, 2005

### Supervised M.Sc. Thesis: 34

S. No.	Name of Supervised Student	Thesis Title	University/Institution/College	Year
1.	Deepak Kaushal	Isolation and characterization of multidrug resistant bacteria from tannery wastewater after secondary treatment process	Babasaheb Bhimrao Ambedkar University (A Central University)	2017
2.	Praveen Kishan	Isolation and characterization of <i>Klebsiella</i> sp. from tannery wastewater after secondary treatment process	Babasaheb Bhimrao Ambedkar University (A Central University)	2017
3.	Nawaz Khan	Isolation and characterization of bacteria from melanoidin rich distillery wastewater	Babasaheb Bhimrao Ambedkar University (A Central University)	2017
4.	Nidhi Kumari	Isolation and characterization of heavy metal resistant bacteria from tannery wastewater	Babasaheb Bhimrao Ambedkar University (A Central University)	2017
5.	Adarsh Sen Rahul	Isolation and characterization of bacteria from rhizosphere soil of plants growing at distillery waste contaminated soil	Babasaheb Bhimrao Ambedkar University (A Central University)	2017
6.	Akash Mishra	Isolation and characterization of phenol tolerant bacteria from tannery sludge	Babasaheb Bhimrao Ambedkar University (A Central University)	2016
7.	Vipin Kumar Verma	Enumeration and characterization of bacterial strains from distillery sludge	Babasaheb Bhimrao Ambedkar University (A Central University)	2016
8.	Divya	Detection and characterization pathogenic bacteria present in tannery wastewater after secondary treatment process	Babasaheb Bhimrao Ambedkar University (A Central University)	2016
9.	Shashi Gautam	Isolation and characterization of bacteria from pulp and paper mill sludge	Babasaheb Bhimrao Ambedkar University (A Central University)	2016
10.	Garima Siddharth	Isolation and identification of bacteria from pulp and paper mill effluent	Babasaheb Bhimrao Ambedkar University (A Central University)	2016
11.	Ajay Prakash	Isolation and characterization of bacteria from rhizosphere soil of plants naturally growing on distillery sludge	Babasaheb Bhimrao Ambedkar University (A Central University)	2016
12.	Anuradha Yadav	To study the antibiotic sensitivity pattern of <i>Klebsiella</i> and <i>Proteus</i> sp. isolated from tannery wastewater	Babasaheb Bhimrao Ambedkar University (A Central University)	2015
13.	Arti Shukla	Isolation and characterization of alkaline protease producing bacteria from tannery effluent	Babasaheb Bhimrao Ambedkar University (A Central University)	2015
14.	Mhd. Faraz Khan	Antibiotic resistant property of crystal violet decolourizing bacteria	Babasaheb Bhimrao Ambedkar University (A Central University)	2015

15.	<b>Kumari Mamta</b>	Detection and characterization of antibiotic resistant <i>Salmonella</i> sp. from Gomti river water	Babasaheb Bhimrao Ambedkar University (A Central University)	2015
16.	<b>Manoj Kumar Singh</b>	Study of the antibiotic resistant pattern of <i>Bacillus</i> sp. isolated from tannery wastewater	Babasaheb Bhimrao Ambedkar University (A Central University)	2015
17.	<b>Manhium Roidill Shabong</b>	Isolation, screening and characterization of bacteria capable of the crystal violet decolourization	Babasaheb Bhimrao Ambedkar University (A Central University)	2015
18.	<b>Rohan Kanaujia</b>	Investigation of the multidrug resistant profile of <i>Salmonella</i> sp. from Ganga river receiving tannery and municipal wastewater	Babasaheb Bhimrao Ambedkar University (A Central University)	2015
19.	<b>Nirupma Verma</b>	Isolation and characterization of <i>Vibrio</i> sp. from Gomti river water	Babasaheb Bhimrao Ambedkar University (A Central University)	2015
20.	<b>Shaurabh Kashyap</b>	Isolation and characterization of antibiotic susceptible <i>Salmonella</i> sp. from tannery wastewater	Babasaheb Bhimrao Ambedkar University (A Central University)	2014
21.	<b>Aditi Sinha</b>	Isolation and characterization of multidrug resistant <i>Staphylococcus aureus</i> from Gomti river	Babasaheb Bhimrao Ambedkar University (A Central University)	2014
22.	<b>Aman Prakash Arya</b>	Isolation and characterization of <i>Vibrio</i> species from Ganga river	Babasaheb Bhimrao Ambedkar University (A Central University)	2014
23.	<b>Garima Singh</b>	Isolation and characterization of antibiotic resistant Klebsiella species from tannery effluent	Babasaheb Bhimrao Ambedkar University (A Central University)	2014
24.	<b>Isha Mishra</b>	Isolation and characterization of multidrug resistant <i>Escherichia coli</i> from river Gomti	Babasaheb Bhimrao Ambedkar University (A Central University)	2014
25.	<b>Rupali Mishra</b>	Study of the antibiotic resistant property of chromium resistant bacteria isolated from tannery wastewater	Babasaheb Bhimrao Ambedkar University (A Central University)	2014
26.	<b>Ms. Rupam Maurya</b>	Enumeration and characterization of enterobacteria from tannery wastewater after secondary treatment process	Babasaheb Bhimrao Ambedkar University (A Central University)	2013
27.	<b>Mr. Pankaj Kanaujia</b>	Detection and characterization of <i>vibrio</i> spp. from distillery wastewater contaminated aquatic resources	Babasaheb Bhimrao Ambedkar University (A Central University)	2013
28.	<b>Ms. Shagun Awasthi</b>	To study the antibiotic sensitivity pattern of chromium tolerant bacteria isolated from tannery wastewater after secondary treatment process	Babasaheb Bhimrao Ambedkar University (A Central University)	2013
29.	<b>Ms. Sangeeta Bharti</b>	Isolation and characterization of antibiotic resistant coliform bacteria from tannery effluent	Babasaheb Bhimrao Ambedkar University (A Central University)	2013
30.	<b>Mr. Shashank Tiwari</b>	Detection and characterization of <i>salmonella</i> spp. from aquatic resources contaminated with distillery wastewater	Babasaheb Bhimrao Ambedkar University (A Central University)	2013
31.	<b>Mr. Harivansh Bhargava</b>	Detection and characterization of pathogenic bacteria from distillery wastewater after secondary treatment process	Babasaheb Bhimrao Ambedkar University (A Central University)	2012
32.	<b>Ms. Sandhya Mishra</b>	Study of the heavy metals and antibiotic resistance property of bacteria isolated from tannery effluent	Babasaheb Bhimrao Ambedkar University (A Central University)	2012
33.	<b>Mr. Anand Prakash</b>	Study of antibiotic resistant property of chromium resistant bacteria isolated from tannery wastewater	Babasaheb Bhimrao Ambedkar University (A Central University)	2012



34.	Mr. Surendra Kumar	Detection of coliform bacteria from tannery effluent and their antibiotic resistant property	Babasaheb Bhimrao Ambedkar University (A Central University)	2012
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## Magazine Articles Published: 09

International					
S. No.	Author's	Title	Science Magazine	ISSN	Year
1.	Gaurav Saxena, and Ram Naresh Bharagava	Wetland system to control water pollution	Dream 2047	Awaited	Feb 2018
2.	Sandhya Mishra and Ram Naresh Bharagava	Occupational health hazards from hexavalent chromium and its potential remedies	Science Reporter Magazine	Awaited	2016
3.	Gaurav Saxena, and Ram Naresh Bharagava	Phytoremediation: A Green Technology for Restoration of Heavy Metal Contaminated Sites	Everyman's Science	DOI 10.13140/RG.2.1.26 22.3769	3: 156-159, Aug-Sept, 2016
4.	Gaurav Saxena, and Ram Naresh Bharagava	Bioremediation approaches for industrial wastes containing organic and inorganic pollutants for environmental safety	Microbiology World	2350-8774	3 (2): 29-33, Nov-Dec, 2015
5.	Pankaj Chowdhary, and Ram Naresh Bharagava	Applications of laccase enzyme in biodegradation and bioremediation of industrial wastes	Microbiology World	2350-8774	3 (1): 9-14, Sept – Oct, 2015
6.	Gaurav Saxena and Ram Naresh Bharagava	Phytoremediation: A Green Technology for Restoration of Heavy Metal Contaminated Sites	Everyman's Science	0531-495 X	3: 156-159, Aug-Sept, 2015
7.	Gaurav Saxena and Ram Naresh Bharagava	Role of microbes in remediation of leather industry wastewater causing environmental pollution	Kahaar	2394-3912	2(1): 48, Jan-March, 2015
8	Gaurav Saxena, Akash Mishra and Ram Naresh Bharagava	Application of molecular technologies for detection of pathogens in water environment	Microbiology World	2350 - 8774	10 (Mar-Apr), 2015
9.	Gaurav Saxena, Rohan Kanaujia and Ram Naresh Bharagava	Microbial Indicators: Role in monitoring of drinking water quality and health prospects	Microbiology World	2350-8774	05-08: 2014,

## National

### Hindi Article

1.	संगीता यादव, राम नरेश भार्गव और राम चंद्र	कामज उद्योग उपस्थिति में उपस्थित पर्यावरणीय प्रदूषकों का जैवीय विघटन	विष विज्ञान सन्देश, IITR-सीएसआईआर, लखनऊ	0972-1748	37-43: 2008
2.	राम चंद्र, संगीता यादव और राम नरेश भार्गव		विष विज्ञान सन्देश, IITR- सीएसआईआर, लखनऊ	0972-1748	21: 2007
3.	संगीता यादव, राम नरेश भार्गव और राम चंद्र	छाहरी कचरी का वैज्ञानिक ढंग से सुरक्षात्मक निस्तारण एवं चुनौतियाँ	विष विज्ञान सन्देश, IITR-सीएसआईआर, लखनऊ	0972-1748	29-36: 2006

## Reviewers of National/ International Journals

1. Chemosphere
2. Environmental Monitoring & Assessment
3. 3Biotech
4. Aquatic Toxicology
5. Annals. of Microbiology
6. International Journal of Environmental Sciences and Technology
7. Journal of Environmental Sciences
8. International Journal of Phytoremediation
9. Journal of Cleaner Production
10. Journal of Environmental Science & Pollution Research
11. Brazilian Archives of Biology & Technology
12. Philippine Agricultural Scientist
13. Pakistan Journal of Scientific & Industrial Research
14. International Journal of Pharma and Biosciences
15. Pakistan Journal of Botany
16. Molecular Biology Reports
17. Water Resources and Industry

## **Administrative and Management Experience**

1. Warden (Maintenance), Ashoka Hostel (Extension), BBAU, Lucknow
2. Member DRC, Department of Environmental Microbiology, Babasaheb Bhimrao Ambedkar (Central) University, Lucknow, India.
3. Member, Admission Committee, Department of Environmental Microbiology, Babasaheb Bhimrao Ambedkar (Central) University, Lucknow, India.
4. Member, Recruitment panel for Selection of Project Fellow (JRF /SRF) in research projects sponsored by various agencies.
5. Member, Board of Post Graduate Studies (BPGS), Department of Environmental Microbiology, Babasaheb Bhimrao Ambedkar (Central) University, Lucknow, India.
6. Member, Technical & Purchase Committee to procure sophisticated laboratory equipments in various research projects and in Department of Environmental Microbiology, Babasaheb Bhimrao Ambedkar (Central) University, Lucknow, India.

**Place:** Lucknow

**Date:** Jan 07, 2018

**[DR. R. N. Bharagava]**