PUBLICATION OF Dr. BRIJESH KUMAR MISHRA

PUBLICATION DETAILS

A) List of Publications (SCI/SCIE)

Publication Index					
Q1	**Q2**	**Q3**	**Q4**	**Total Publication (SCI/SCIE)**	**Average I.F. (2023 JIF)**
27	17	07	02	53	**5.14**

S. No	Publication Details	I.F./ Ranking
1.	Dahiya, S., Singh, A., & **Mishra, B. K.*** (2024). Understanding behaviour and performance of flow electrode capacitive deionization (FCDI) during simultaneous selective removal of Cr (VI) and fluoride from brackish wastewater. Journal of Water Process Engineering. (Accepted)	6.3/Q1
2.	Tripathi, A., Dahiya, S. & **Mishra, B.K.** Next-Generation Heavy Metal Water Treatment: A Primer on Modified Capacitive Deionization. Chemical Engineering Journal (Accepted).	13.3/Q1
3.	Sonal, S., Arya, A. K., Srivastava, A., Gupta, B., & **Mishra, B. K. (2025).** Understanding the role of oxidants for enhanced remediation of groundwater nitrate: An insight into surface modification. Materials Science and Engineering: B, 313, 117872.	3.9/Q2
4.	Jha, S., & **Mishra, B. K.** (2024). An overview of deploying different treatment processes with membrane bioreactor for enhanced treatment of wastewaters: synergistic performances and reduced fouling of membrane. *Environmental Science and Pollution Research*, 1-32.	5.8/Q1
5.	Singh, A., Mohanta, V. L., Dahiya, S., & **Mishra, B. K.** (2024). Biogenic synthesis of Azadirachta indica-mediated zirconium oxide nanoparticles: photocatalytic degradation of methylene blue and antimicrobial activity. *Biomass Conversion and Biorefinery*, 1-15.	3.5/Q2
6.	Sourav Acharya, Shrabani De, Ayon Ganguly, **Brijesh K. Mishra*** and Ganesh Chandra Nayak* (2024). Utilization of lead-based saturated adsorbents for the fabrication of battery-like hybrid asymmetric supercapacitors. Environmental Science Nano, *11*(4), 1654-1670.	5.8/Q1
7.	Astha Singh* and **Brijesh K Mishra (2023).** Microbeads in Personal Care Products: An overlooked environmental concern. Journal of Cleaner Production, 427, 139082.	9.7/Q1
8.	Sourav Acharya, Shrabani De, **Brijesh K Mishra*** and G C Nayak* (2023). Enhancing the efficiency of flexible all-solid-state supercapacitor via cadmium decontamination of water, Journal of Energy Storage, 73, 108938.	8.9/Q1
9.	Astha Singh and **Brijesh Kumar Mishra*** (2023). Removal of chlorhexidine digluconate from aqueous solution by heterogenous photocatalysis using Sunlight-Driven Ni-Doped TiO_2 material. Environmental Engineering Research. 28(1).	3.0/Q2
10.	Sonalika Sonal, Sourav Acharya, **Brijesh K Mishra*** (2022). Mesoporous carbon structure impregnated with 2D engineered zirconium: A sustainable adsorbent for	8.0/Q1

	the removal of dyes from the aqueous solution, Journal of Environmental Management, 314, 115009.	
11.	Arukula Deepa, Sonalika, and **B. K. Mishra* (2022).** Application of co-immobilized microbial biochar beads in hybrid biofilter towards effective treatment of chrome tanning wastewater. Journal of Water Process Engineering, 48, 102821.	6.3/Q1
12.	Prem Prakash, Sonalika Sonal and **B. K. Mishra*** (2022). Transportation mechanism of chromium from tannery sludge through an electrokinetic process: Role of Electrolytes and operational conditions. International Journal of Environmental Science and Technology, 1-16.	3.0/Q3
13.	Sonal, S., & **Mishra, B. K.*** (2021). Synthesis and performance of different Zirconium-based adsorbents for the removal of various water contaminants. *Chemical Engineering Journal*, 424, 130509.	13.3/Q1
14.	Astha Singh and **Brijesh Kumar Mishra*** (2021). Solar light-driven photocatalysis using $BaFe_2O_4$/rGO for Chlorhexidine digluconate contaminated water: comparison with artificial UV and visible light-mediated photocatalysis. Environmental Science and Pollution Research, **29,** 30739–30753 (2022).	5.8/Q1
15.	Singh, A., Dahiya, S. & **Mishra, B. K.** (2021).Microbial fuel cell coupled hybrid systems for the treatment of dye wastewater: A review on synergistic mechanism and performance. Journal of Environmental Chemical Engineering, 9(6), 106765.	7.4/Q1
16.	Dahiya, S., Singh, A., & **Mishra, B. K.*** (2021). Capacitive deionized hybrid systems for wastewater treatment and desalination: A review on synergistic effects, mechanisms and challenges. *Chemical Engineering Journal*, 417, 128129.	13.3/Q1
17.	Hariraj Singh, Sonalika Sonal and **B. K. Mishra*** (2021). Understanding thetoxicity effect and mineralization efficiency of in-situ electrogenerated chlorine dioxide for the treatment of priority pollutants of coking wastewater. Ecotoxicology and Environmental Safety, *211*, 111907.	6.2/Q1
18.	Arukula Deepa, Astha Singh, Aakansha Singh and **B. K. Mishra*** (2021). An experimental approach for the utilization of tannery sludge derived Bacillus strain for biosorptive removal of Cr(VI) contaminated wastewater. Environmental Science and Pollution Research, 28(8), 9864-9876.	5.8/Q1
19.	Arukula Deepa, Prem Prakash and **B. K. Mishra*** (2021). Performance of biochar-based filtration bed for the removal of Cr(VI) from pre-treated synthetic tannery wastewater. Environmental Technology, 42:2, 257-269,	2.2/Q3
20.	Sonalika Sonal, Devyani Ugale, and **Brijesh K Mishra*** (2021). Combining Surface Water with Mine Water to Improve the Removal of Natural Organic Matter by Enhanced Coagulation. Mine Water and Environment. 40(3), 701-712**.**	2.1/Q3
21.	Gupta, B., Priya, T., Kumar Mishra, B., Gupta, B., Priya, T., & Mishra, B. K. (2021). Augmentation of the coagulation activity of alum using a porous bio-flocculant for the remediation of trihalomethanes-generating hydrophobic natural organic matter. *Environmental Engineering Research*, *26*(3), 209-217.	3.0/Q2
22.	Hariraj Singh, Niwas Kumar and **Brijesh Kumar Mishra*** (2021). Understanding the by-product formation potential during phenol oxidation from in-situ electro-generated radicals by microalgae harvesting. Environment Technology, *42*(22), 3533-3545.	2.2/Q3
23.	Sourav Acharya, Sumanta Sahoo, Sonalika Sonal, Joong Hee Lee, **Brijesh K Mishra* and G C Nayak*** (2020). Adsorbed Cr(VI) based Activated Carbon/Polyaniline Nanocomposite: A superior electrode material for Asymmetric Supercapacitor Device. Composites Part B: Engineering, 193:107913.	12.7/Q1
24.	S. Dahiya and **B. K. Mishra* (2020).** Enhancing understandability and performance of flow electrode capacitive deionisation by optimizing	8.1/Q1

	configurational and operational parameters: A review on recent progress**.** Separation and Purification Technology, 240, 116660.	
25.	Aliya Naz, Abhiroop Chowdhury*, Rachna Chandra and **Brijesh Kumar Mishra** (2020). Potential human health hazard due to bioavailable heavy metal exposure via consumption of plants with ethnobotanical usage at the largest chromite mine of India. Environmental geochemistry and health. ***42, 4213-4231.***	3.2 /Q2
26.	Vijay Laxmi Mohanta and **B. K. Mishra*** (2020). Integration of cancer and non-cancer human health risk assessment for Aniline enriched groundwater: a fuzzy inference system-based approach. Environmental geochemistry and health, 42, 3623-3639.	3.2 /Q2
27.	Sonalika Sonal, Prem Prakash, **Brijesh K Mishra*** and G C Nayak (2020). Synthesis, characterization and sorption studies of a zirconium (IV) impregnated highly functionalized mesoporous activated carbons. RSC Advances, 10:***13783***.	3.9/Q2
28.	Vijay Laxmi Mohanta, Subham Singh, **B. K. Mishra*** (2020). Human health risk assessment of fluoride-rich groundwater using fuzzy-analytical process over the conventional technique. Groundwater for Sustainable Development, 10: 100291.	4.9/Q1
29.	Shivam Snehi, Hariraj Singh, Tanwi Priya and **Brijesh Kumar Mishra*** (2019). Understanding the natural organic matter removal mechanism from mine and surface water through the electrocoagulation method. Journal of Water Supply: AQUA, 68 (7): 523–534.	4.3/Q1
30.	Astha Singh, Sonalika Sonal, Rohit Kumar and **Brijesh Kumar Mishra*** (2019). Adsorption of Chlorhexidine Digluconate on acid modified fly ash: Kinetics, isotherms and influencing factors. Environmental Engineering Research 25(2): 205-211.	3.0/Q2
31.	Hariraj Singh, **Brijesh Kumar Mishra*** (2018). Degradation of cyanide, aniline and phenol in pre-treated coke oven wastewater by peroxide assisted electro-oxidation process. *Water Science and Technology*, *78*(10), 2214-2227.	2.5/Q2
32.	Vijay Laxmi Mohanta, Aliya Naz and **B. K. Mishra*** (2018). Distribution of heavy metals in the water, sediments, and fishes from Damodar river basin at a steel city, India: A probabilistic risk assessment. Human and Ecological Risk Assessment: An International Journal *26*(2), 406-429.	3.0/Q2
33.	Arukula Deepa, Prem Prakash, Tanwi Priya, Hariraj Singh, Vijay Laxmi Mohanta and **B. K. Mishra*** (2018). Treatment of tannery wastewater using aluminium formate: influence of the formate over sulphate based coagulant. Global NEST, 20(3):20-26.	1.0/Q4
34.	Sonalika Sonal, Astha Singh and **B.K. Mishra*** (2018). Decolorization of reactive dye Remazol Brilliant Blue R by Zirconium oxychloride as a novel coagulant: Optimization through Response Surface Methodology. Water Science and Technology, *78*(2), 379-389.	2.5/Q2
35.	Tanwi Priya, Prem Prakash, **B.K. Mishra*** (2018). Understanding the coagulant activity of zirconium oxychloride to control THMs formation using response surface methodology. Ecotoxicology and Environmental Safety 159:28–37.	6.2/Q1
36.	Prem Prakash, Prasun Kumar Chakraborty, Tanwi Priya, **Brijesh Kumar Mishra*** (2018). Performance evaluation of saponin over other organic acid and tap water for removal of chromium in tannery sludge by electrokinetic enhancement. *Separation Science and Technology*, 1-10.	2.3/Q3
37.	Aliya Naz, Abhiroop Chowdhury*****, **Brijesh Kumar Mishra** and K. Karthikeyan (2018). Distribution of heavy metals and associated human health risk in mine, agricultural and roadside soils at the largest chromite mine of India. *Environmental geochemistry and health*, 1-21.	3.2 /Q2
38.	Hariraj Singh, Sonalika Sonal **B K Mishra*** (2018). Hexavalent Chromium	4.3/Q1

	removal by Monopolar electrodes based electrocoagulation system: Optimization through Box-Behnken Design. Journal of Water Supply: AQUA, *67*(2):147-161.	
39.	Tanwi Priya, Abhrajyoti Tarafdar, Bramha Gupta and **B K Mishra*** (2018). Effect of bioflocculants on the coagulation activity of alum for removal of trihalomethane precursors from low turbid water. Journal of Environmental Science, 70:1-10.	5.9/Q1
40.	Shruti Chawda, Abhrajyoti Tarafdar, Alok Sinha*****, and **Brijesh Kumar Mishra** (2017). Profiling and health risk assessment of PAHs content in tandoori and tawa bread from India. Polycyclic Aromatic Compounds, 1-12.	2.4/Q2
41.	Shahjad Ali, Minashree Kumari, S K Gupta, Alok Sinha and **B K Mishra*** (2017). Identification of fluoride endemic areas and associated health risk – A case study of Agra, Uttar Pradesh, India. Human and Ecological Risk Assessment, 23 (3): 590-604.	3.0/Q2
42.	Tanwi Priya, Vijay Laxmi and **B K Mishra*** (2017). Performance evaluation of zirconium oxychloride for reduction of hydrophobic fractions of Natural Organic Matter. Separation and Purification Technology, 174 (1):104-108.	8.1/Q1
43.	Tanwi Priya and **B K Mishra*** (2017). Enzyme mediated chloroform biotransformation and Cancer Risk Analysis of Trihalomethanes Exposure in South -East Asia: A Review. Exposure and Health, 9(1):61-75.	4.5/Q1
44.	Hariraj Singh and **B K Mishra*** (2017). Performance evaluation and kinetic modeling of the electrocoagulation treatment process for the removal of total suspended solids and metals from synthetic water. Environmental Engineering Research. 22(2): 141-148.	3.0/Q2
45.	**B K Mishra***, Tanwi Priya, S K Gupta and Alok Sinha (2016). Modeling and characterization of natural organic matter and its relationship with the THMs formation. Global NEST, 18(4): 803-816.	1.0/Q4
46.	Aliya Naz, Abhiroop Chowdhury, **Brijesh Kumar Mishra*** and Sunil Kumar Gupta (2016). Metal Pollution in Water Environment and the Associated Human Health Risk from Drinking Water: A Case Study of Sukinda Chromite mine, India. Human and Ecological Risk Assessment, 22 (7): 1433-1455.	3.0/Q2
47.	Aliya Naz, **B K Mishra*** and S K Gupta (2016). Human Health Risk Assessment of Chromium in Drinking Water: A Case Study of Sukinda Chromite Mine, Odisha, India. Exposure and Health, 8(2): 253-264.	4.5/Q1
48.	Tomar Swati, Gupta S K***** and **Mishra B K** (2015). Performance evaluation of the anammox hybrid reactor seeded with mixed inoculum sludge. Environmental Technology, 37(9): 1065-1076.	2.2/Q3
49.	Tomar Swati, Gupta S K***** and **Mishra B K** (2015). A novel strategy for simultaneous removal of nitrogen and organic matter using anaerobic granular sludge in anammox hybrid reactor. Bioresource Technology, 197: 171-177.	9.7/Q1
50.	Lama Y, Sinha Alok***** , Singh G, Sahu S A & **Mishra B K** (2016). Modeling the impacts of corrosion product formation on simultaneous sorption and reductive dehalogenation of organochlorine pesticide aldrin by high carbon iron filings (HCIF). Desalination and Water Treatment. 57 (16):7155-7165.	1.0/Q3
51.	Minashree Kumari, S.K. Gupta***** and **B.K. Mishra** (2015). Multi-exposure cancer and non-cancer risk assessment of Trihalomethanes in drinking water supplies – A case study of Eastern region of India. Ecotoxicology and Environmental Safety, 113:433–438.	6.2/Q1
52.	Sarkar AK, Ghorai S, Patra AS, **Mishra BK**, Mandre NR and Pal S***** (2015). Modified amylopectin based flocculant for the treatment of synthetic effluent and industrial wastewaters. International Journal of Biological Macromolecules, 72: 356–363.	7.7/Q1

53.	**Mishra BK***, Gupta SK and Sinha A (2014). Human health risk analysis from disinfection by-products (DBPs) in drinking and bathing water of some Indian cities. Iranian Journal of Environmental Health Science & Engineering; 12:73.	3.0/Q2

B) List of Publication (Scopus)

S. No	Publication Details
54.	Sonalika Sonal and **B.K. Mishra*** (2019). Optimization of the Operational Conditions for the Treatment of Reactive Dyes through a Statistical Tool: Response Surface Methodology. Int. Journal of Environmental Science and Development, 10(6), 193-196.
55.	**B K Mishra***, Manisha, R Gupta and Alok Sinha (2015). Mobility of Toxic Elements in Crop and Agricultural Soil Treated with Municipal Sewage Sludge. Asian Journal of Water, Environment and Pollution, 12 (2): 13–19.
56.	R Srivastava, GK Yadav, A Sinha* and **B K Mishra** (2015). Comparative Study for Reduction of Hexavalent Chromium by High Carbon Iron Filings (HCIF) and Electrolytic Iron: Mass Transfer Limitations. Asian Journal of Chemistry, 27 (4):1398-1402.

C) List of Publication (Book Chapter)

S. No	Publication Details
57.	Singh, A., & **Mishra, B. K.** (2024). Mycogenic synthesis of nanoparticles and their application in dye degradation. In Role of Green Chemistry in Ecosystem Restoration to Achieve Environmental Sustainability (pp. 145-155). Elsevier.
58.	Singh, A., & **Mishra, B. K.** (2022). Treatment aspect of an emerging pollutant from Pharmaceutical industries using advanced oxidation process: past, current, and future trends. In *Development in Wastewater Treatment Research and Processes* (pp. 23-44). Elsevier.
59.	Singh, H., & **Mishra, B. K.** (2022). Recent applications, reaction mechanism, and future perspective of hybrid ozonation process for water and wastewater treatment. In *Development in Wastewater Treatment Research and Processes* (pp. 459-484). Elsevier.
60.	Naz A.*****, Chowdhury A., **Mishra B.K.** (2021) Source, Pollution and Remediation of Carcinogenic Hexavalent Chromium from Industrial, Mining Effluents. In: Inamuddin, Ahamed M.I., Lichtfouse E., Altalhi T. (eds) Remediation of Heavy Metals. Environmental Chemistry for a Sustainable World, vol 70. Springer, Cham.
61.	Sonalika Sonal and **B. K. Mishra* (2021).** Photocatalytic Degradation of Dyes: Current Trends and Future Perspectives. Elsevier, Butterworth-Heinemann. United Kingdom.
62.	Vijay Laxmi Mohanta and **B. K. Mishra* (2021).** Occurrence and fate of Phenolic Compounds in groundwater and its associated risk. Legacy, Pathogenic and Emerging Contaminants in the Environment. CRC Press.
63.	Sonalika Sonal and **B. K. Mishra* (2021).** Role of Coagulation/Flocculation Technology for the Treatment of Dye Wastewater: Trend and Future Aspects. Water Pollution and Management Practices. Springer Nature Singapore Pte Ltd.
64.	Chakraborty, P. K., Prakash, P., & **Mishra, B. K.** (2021). Assessment of Soil Fertility and Microbial Activity by Direct Impact of an Electrokinetic Process on Chromium-Contaminated Soil. *Electrokinetic Remediation for Environmental Security and Sustainability*, 303-323.
65.	Tanwi Priya, **Brijesh K. Mishra*** and MNV Prasad (2020). Physico-chemical techniques for the removal of disinfection by-products precursors from water. Disinfection By-products in Drinking Water (pp. 23-57). Elsevier, Butterworth-Heinemann. United Kingdom.
66.	Arukula Deepa and **B. K. Mishra* (2020).** Microbial Biotransformation of Hexavalent Chromium [Cr(VI)] in Tannery Wastewater. Microbial Bioremediation & Biodegradation (pp.143-152) Springer Nature Singapore Pte Ltd.

67.	Naz, A.*****, Chowdhury, A., & **Mishra, B. K (2020).** An Insight into Microbial Remediation of Hexavalent Chromium from Contaminated Water. In *Contaminants in Drinking and Wastewater Sources* (pp. 209-224). Springer, Singapore.

D) List of Publication (Conference/workshop):

S. No	Publication Details
68.	Aliya Naz, Abhiroop Chowdhury, **Brijesh Kumar Mishra** (2021). Applications of Microbes in Bioremediation of Point Source Pollutants from Wastewater. International conference on Community Based Research and Innovations in Civil Engineering (CBRICE-2021) at Manipal University Jaipur, Rajasthan, 18-19 March, 2021.
69.	Sonal, S., & **Mishra, B. K.** (2019). Optimization of the Operational Conditions for the Treatment of Reactive Dyes through a Statistical Tool: Response Surface Methodology. 8th International Conference on Environment Science and Biotechnology (ICESB 2018) at Chulaongkorn University, Bangkok, Thailand during 19 to 21 December 2018.
70.	Vijay Laxmi Mohanta and **Brijesh Kumar Mishra** (2018). Monitoring of phenol in river and groundwater of adjoining area of steel city: A case study of Burnpur, West Bengal. International Conference on water resource management. at Jadavpur, West Bengal. January 11-12, 2018.
71.	Tannu Priya, Hariraj Singh and **Brijesh Kumar Mishra** (2018). Performance of bamboo rings as a packing material over a traditional packing material from ammonia removal through Air Stripping Process. International Conference on water resource management. at Jadavpur, West Bengal. January 11-12, 2018.
72.	Tanwi Priya and **B K Mishra** (2017). Removal of Aromatic Fractions of Natural Organic Matter from Synthetic Water Using Aluminium Based Electrocoagulation. International Conference on Ecological and Environmental Engineering (ICEEE 2017), Dubai, UAE, Jun 28-29, 2017.
73.	Hariraj Singh and **B. K. Mishra** (2017). Electrochemical anodic oxidation process for the removal of phenol from synthetic water using graphite electrodes: optimization using box behnken design under response surface methodology. 3rd International Conference on Environment and Ecology (ICEE 2017), Ranchi, Jharkhand, March 27-29, 2017.
74.	Prasun Kumar Chakraborty, Prem Praksh and **B.K. Mishra** (2017). Removal of heavy metals from overburden dump of mine soil using Electrokinetic remediation. 3rd International Conference on Environment and Ecology (ICEE 2017), Ranchi, Jharkhand, March 27-29, 2017.
75.	Prem Praksh, Prasun Kumar Chakraborty, and **B. K Mishra** (2017). Electrokinetic treatment of metals and organic impurities from soil/sludge: A review. 3rd International Conference on Environment and Ecology (ICEE 2017), Ranchi, Jharkhand, March 27-29, 2017.
76.	Hariraj Singh, **Brijesh Kumar Mishra** (2015). Electrocoagulation: A Review-Electricoagulation Treatment Recent Applications for Polluted Water and Wastewater. Challenges and Opportunities for Management of Water Supplies in Rural Areas. ISM Dhanbad Jan 23-24, 2015.
77.	Hariraj Singh, **Brijesh Kumar Mishra** (2015). Performance evaluation of the electro-coagulation treatment process for the removal of total suspended solids and metals from water. DOI: 10.1109/WCST.2015.7415140.
78.	**B. K. Mishra**, S.K. Gupta and Alok Sinha (2013). Significance and Importance of Water Quality Parameters for Predictive Modeling Approach of Disinfection Byproduct (DBP) in Drinking Water - A Review SEES. 2nd Annual International Conference on Sustainable Energy and Environmental Sciences Global Science and Technology

	Forum, Singapore, 25-26 Feb, 2013.
79.	P K Yadav, V Babu, **B K Mishra**, (2012). Remediation by inclusion of electrokinetics to treat municipal water water sludge by the comparison of different chemical approaches. 4th International Conference on Anthropogenic Impact on the Environment and Conservation Strategy. St. Xavier's College, Ranchi, 2-4 Nov, 2012.
80.	Arpan Herbert, **Brijesh Kr. Mishra**, Yeetendra Kumar & Neelam Khare (2012). Physicochemical Characterization of Catchment Area Water in Allahabad City. National Conference on Sustainable Development of Groundwater Resources in Industrial Regions SDGRIR 2012. ISM, Dhanbad, 22-23 March, 2012.
81.	Swati Tomar, S. K. Gupta & **B. K. Mishra** (2012). Anaerobic Ammonium Oxidation (Anammox) Process for Nitrogen Removal – A Review. National Conference on Sustainable Development of Groundwater Resources in Industrial Regions SDGRIR 2012. ISM, Dhanbad, 22-23 March, 2012.
82.	Kumari, M., Gupta, S. K., and **Mishra, B. K**. (2012). Chlorination By-Products Formation and their Removals from Drinking Water. National Conference on Sustainable Development of Groundwater Resources in Industrial Regions SDGRIR 2012. ISM, Dhanbad, 22-23 March, 2012.
83.	Navneet Sharma,Komal Agrawal, Alok Sinha & **Brijesh K. Mishra** (2012). Groundwater Management in Mining Areas. National Conference on Sustainable Development of Groundwater Resources in Industrial Regions SDGRIR 2012. ISM, Dhanbad, 22-23 March, 2012.
84.	Pramod Kr. Singh**, B. K. Mishra**, S. K. Gupta & Alok Sinha (2012). Distribution and Propagation of Arsenic In Indogangatic Plain And Removal Technology. National Conference on Sustainable Development of Groundwater Resources in Industrial Regions SDGRIR 2012. ISM, Dhanbad, 22-23 March, 2012.
85.	Afaq Majid Wani & **B.K. Mishra** (2012). Effect of Ground Water on Soil and Vegetation in Cold Desert Areas of Himachal Pradesh. National Conference on Sustainable Development of Groundwater Resources in Industrial Regions SDGRIR 2012. ISM, Dhanbad, 22-23 March, 2012.
86.	Vinod Babu.V, Pravesh Kumar Yadav, M.K.Ghritlahre, Anshu Rakesh, **B. K. Mishra** (2012). Effect of Climate Change on Groundwater and Different Modelling Approaches for its Assessment- A Review. National Conference on Sustainable Development of Groundwater Resources in Industrial Regions SDGRIR 2012. ISM, Dhanbad, 22-23 March, 2012.
87.	Vikas Srivastava, Rakesh Kumar, Satyendra Nath, **B. K. Mishra** and P. K. Mehta (2012). Solid Wastes in Construction. National Conference on Sustainable Development of Groundwater Resources in Industrial Regions SDGRIR 2012. ISM, Dhanbad, 22-23 March, 2012.
88.	Ibadaiahun Myrthong, **B. K. Mishra,** Richa Sharma and N. N. Harry (2012). Study of The Yamuna River Water Quality in Allahabad City. National Conference on Sustainable Development of Groundwater Resources in Industrial Regions SDGRIR 2012. ISM, Dhanbad, 22-23 March, 2012.
89.	S.B. Lal, Saumya, **B. K. Mishra**, Satyendra Nath (2010). Study on sewage treatment plant effluent induced physiochemical changes in river Yamuna (Allahabad) U.P. National Conference on Health & Environment: Issues Challenges, SHIATS- Allahabad, 06-07 May, 2010.
90.	**B. K. Mishra**, Satyndra Nath, T. Thomas, R. Gupta, S. Daniel and A. James (2009). Absorption and reclamation of toxic elements in agricultural soil and crop treated with sewage sludge. Workshop on Rehabilitation of Degraded Lands (RDL 2009), Center for Social Forestry & Eco Rehabilitation, Allahabad, 6-7th Oct, 2009.
91.	Amitabh K. Srivastava, *Satyendra Nath*, **B. K. Mishra**, T. Thomas and C.S. Singh

	(2009). Comparison of Grey, Fuzzy and Fuzzy Goal Techniques Forecasting Solid Waste Quantities. International Symposium on Rock Mechanics & Geo-Environment in Mining & Allied Industries (RGMA-09), Dept. of Mining Engg., IT; BHU, Varanasi, 12 – 14 Feb. 2009.
92.	Afaq Majid Wani, T. Thomas, **B. K. Mishra**, *S. Nath* and C.S. Singh (2009). Soil Suitability Assessment in Cold Desert areas of Himachal Pradesh and Jammu & Kashmir. International Symposium on Rock Mechanics & Geo-Environment in Mining & Allied Industries (RGMA-09), Dept. of Mining Engg., IT; BHU, Varanasi, 12 – 14 Feb. 2009.
93.	**Brijesh Kumar Mishra**, *S. Nath*, T. Thomas, A. M. Wani, & C.S. Singh (2009): Monitoring and Assessment of Drinking Water Quality Using Water Quality Index. International Symposium on Rock Mechanics & Geo-Environment in Mining & Allied Industries (RGMA-09), Dept. of Mining Engg., IT; BHU, Varanasi, 12 – 14 Feb. 2009.
94.	Tarence Thomas, Abhishek James, Arun A. David, S.B.Lal, Archana Yadav. **B. K. Mishra** and Harel Thomas (2009). Study on River Ganga Pollution During Ardha Kumbh – 2007. International Conference on Precambrian Continental Growth and Tectonism (PCGT – 2009), Deptt., of Geology, Ins. of Earth Sciences, Bundelkhand University Jhansi, 24-28.
95.	S. Dutta, **B. K. Mishra** and S. B. Lal (2008). A case study of Solid Waste Management in Allahabad city. National Conference on Scientific and Legal challenges of global warming. Brahmanand College, Kanpur University, Feb, 25-26.
96.	Satyendra Nath, **B. K. Mishra**, H.B.Paliwal, R.Sharma, A.James and C.J. Wesely (2008). Water quality assessment of river Ganges at Sangam, Allahabad. 5th IAUA National Symposium on Environmental pollution and it's effect on agriculture production and human health. AAI-Deemed University, Allahabad, Sept 25-26.
97.	Abhishek James, T.Thomas, Manoj Verma, *S.Nath*, Rambharose, A.A. David, **B. K. Mishra**, C. S. Singh and H. Thomas (2008). Impact of mining of granite in Jhanshi and surrounding areas. National Conference on Environmental Management in Mining and Allied Industries, Department of Mining Engineering, IT-BHU, Varanasi. Nov. 7-8.
98.	Thomas T., **B. K. Mishra**, Abhishek James, Ram Bharose, Arun A. David, Singh C. S. and Thomas H (2008). Environmental Impact of Fly Ash on Soil Health, Yield and Nutrient Uptake by Rice. National Conference on Environmental Management in Mining and Allied Industries. Department of Mining Engineering, IT-BHU, Varanasi, Nov. 7-8.
99.	Durgesh Kumar, **B. K. Mishra**, Abhishek James, Thomas T., Ram Bharose, Arun A. David Singh, C. S. and Thomas H (2008). Assessment of Ambient Air Pollutants at Different Sites of Allahabad City, Department of Mining Engineering, IT-BHU, Varanasi. National Conference on Environmental Management in Mining and Allied Industries, Nov. 7-8.

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