

Dr. Moirangthem Jiban Singh

Department of Environmental Science



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Academic Qualifications:

Degree	College/Department	Year
B.Sc.in Computer Science	Sahyadri Science College, Shimoga, Karnataka	2005
M.Sc. in Environmental Science	Kuvempu University, Shankaraghatta, Shimoga, Karnataka	2007
PG Diploma Industrial Safety	Kuvempu University, Shankaraghatta, Shimoga, Karnataka	2011
Ph.D in Environmental Science	Bangalore University, Bangalore	2012

Teaching Experience (Year)

05⁺

Research Experience (Year)

13⁺

Area of Research/ Specialization

- Environmental Isotope Techniques in Hydrology.
- Research and Development.
- Environmental Impact Assessment.
- Investigation/performance evaluation/monitoring of STPs, CETPs, ETPs, and GPs.
- Master Trainer, Consulting and Impact Assessment on Health risk, Bio-Medical waste, Hazardous Waste and Radioactive waste and Environmental Management.
- Ecology.
- Ecosystems.
- Natural Resources and Management.
- Biodiversity and Conservation.
- Global Environmental Issues and Policies.
- Human Communities and Environment,
- Environmental Biology,
- Environmental Chemistry and Geo-Science,
- Environmental Pollution and Control.
- Bio-Statistics & Basics of Computer Science
- Ethnobotany.

Publications

1. Jiban Singh *et al.*, (2009). "Influence of Sewerage Network on Groundwater, Radiogenic Isotope Tritium", Journal of Science, Engineering and Technology, 5(2): 88- 95. ISSN: 2545-9732, Impact Factor 2020: 4.0, Citations: 488, h-Index: 12, i10-Index: 15.
2. Jiban Singh *et al.*, (2009). "Bacteriological Assessment of Groundwater in Arakavathy and Vrishabhavathy Basins,

- Bangalore, Karnataka”, *Journal of Ecology and the Natural Environment*, 1(6): 156-159. ISSN: 2006-9847, Impact Factor 2020: 5.6, Citations: 488, h-Index: 12, i10-Index: 15.
3. Jiban Singh *et al.*, (2009). “Insecticides Residue in Various Water Sources and Sewage of Challaghatta Valley, Bangalore”, *The Ecoscan*, 4(4): 613-615. Impact Factor 2020: 7.3, NASS: 4.65, Citations: 488, h-Index: 12, i10-Index: 15.
 4. Jiban Singh *et al.*, (2010). “Radon Occurrence, Estimation and Hydrological Applications”, *Central Ground Water Board*, 1(1): 13-34.
 5. Jiban Singh *et al.*, (2010). “Environmental Isotopes Investigation in Groundwater of Challaghatta Valley, Bangalore: A Case Study”, *African Journal of Environmental Science and Technology*, 4 (4): 226-233. ISSN: 1996-0786. Impact Factor 2020: 5.6, Citations: 488, h-Index: 12, i10-Index: 15.
 6. Jiban Singh *et al.*, (2010). “Investigation of Heavy Metal in Crystalline Aquifer Groundwater from Different Valleys of Bangalore, Karnataka”, *Journal of Geography and Regional Planning*, 3(10): 262-270. ISSN: 2070-1845. Impact Factor 2020: 5.6, Citations: 488, h-Index: 12, i10-Index: 15.
 7. Jiban Singh *et al.*, (2010). “Determination of radon and uranium in the groundwater of Bangalore city” *Fourth international symposium on nuclear analytical chemistry: book of abstracts*.
 8. Jiban Singh *et al.*, (2012). “Application of sulphur-34 to trace natural and anthropogenic sources of sulphur in groundwater contamination in Hebbal and Challaghatta, Bangalore-a case study”, *Journal of Research in Environmental Science and Toxicology* (ISSN: 2315-5698), 1(11): 303-310. Impact Factor 2020: 1.12, Citations: 488, h-Index: 12, i10-Index: 15.
 9. Jiban Singh *et al.*, (2013). “A Scenario of Healthcare Waste Management in Chikkaballapur, Karnataka”, *Sjournals, Health, Safety and Environment, Turkey, Iran*, 1(3): 1-11. (Long Original Paper). Impact Factor 2020: 3.36, Citations: 488, h-Index: 12, i10-Index: 15.
 10. Jiban Singh *et al.*, (2013). “A Scenario of Healthcare Waste Management in Chikkaballapur, Karnataka”, *Journal of the Indian Society of Hospital Waste Management, Bangalore, India*, and 12(1): 26-34. (Short Original Paper).
 11. Jiban Singh *et al.*, (2013). “Even though Bangalore mother takes bath by holy water, sewage is flowing in her vein as blood-a case study with environmental isotopes!!”, *US Environmental Science & Development Journal*, 1(1): 1-11. ISSN: 2328-5699. Impact Factor 2020: 1.5, Citations: 488, h-Index: 12, i10-Index: 15.
 12. Jiban Singh *et al.*, (2015). “Bangaloreans are Vulnerable to Carcinogenic Cancer Due to Higher ²²²Rn and ²³⁸U Concentration in Groundwater-A Case Study”, *Journal of Engineering and Technology Research*, 3(1): 32-42. ISSN: 2006-9790. Impact Factor 2020: 5.6, Citations: 488, h-Index: 12, i10-Index: 15.

13. Jiban Singh *et al.*, (2015). “Seasonal Variation of Fluoride, Nitrate and Boron in Ground Water of Hebbal and Challaghatta Basins, Bangalore, Karnataka, International Journal of Innovative Environmental Studies Research, 3(2):1-12. ISSN: 2354-2918. Impact Factor 2020: 5.6, Citations: 488, h-Index: 12, i10-Index: 15.
14. Jiban Singh *et al.*, (2015). “Sewage Load into Main Stem of River Ganga in the Region of Rishikesh to Anupsahar - A Case Study”, International Journal of New Innovation in Science and Technology, 3(2): 55-65, ISSN: 2321-0468. Impact Factor 2020: 4.01, Citations: 488, h-Index: 12, i10-Index: 15.
15. Jiban Singh *et al.*, (2016). “River Ganga Routinely Receiving Sewage from Ashrams and Hotels In Rishikesh And Haridwar Cities-A Case Study”, International Journal For Research In Applied Sciences, 2(2): 01-09, ISSN: 2321-9653. Impact Factor 2020: 1.32, Citations: 488, h-Index: 12, i10-Index: 15.
16. Jiban Singh *et al.*, (2016). “Slaughterhouse in Uttar Pradesh with Hygienic Environment-A Case Study”, International Journal for Research in Applied Sciences, 2(2): 10-20, ISSN: 2321-9653. Impact Factor 2020: 1.32, Citations: 488, h-Index: 12, i10-Index: 15.
17. Jiban Singh *et al.*, (2017). “Study of groundwater salinity in few district adjoining River Ganga in Uttar Pradesh- a case study”, International Journal of Current Research in Biosciences and Plant Biology, 4(9): 21-41, ISSN: 2349-8080. Impact Factor 2020: 2.99, NASS: 2.99, Citations: 488, h-Index: 12, i10-Index: 15.
18. Jiban Singh *et al.*, (2018). “Sources of Pollution and Projected Level of Pollution in Ramganga in Future”, Workshop on Health of Ramganga and Gomti Rivers-Issue and Way Forward, 1(1): 1-12.
19. Jiban Singh *et al.*, (2018). “Drains Contaminates Ganges”, International Journal of Research in Environmental Science 4(3): 30-40, ISSN: 2454-9444. Impact Factor 2020: 2.85, Citations: 488, h-Index: 12, i10-Index: 15.
20. Jiban Singh *et al.*, (2021). “Hydrogeochemical Interaction on Groundwater Regime of Bagad River Gajraula, Uttar Pradesh- A Case Study” Journal of Global Resource 7(2): 54-66, ISSN: 2395-3160 (P) 2455-2445 (O).
21. Jiban Singh *et al.*, (2021). “Seohara: A Catchment Area with High Biochemical Oxygen Demand Discharged into River Ramganga, Uttar Pradesh – A Case Study” GIS Science Journal 8(6): 2098-2104, ISSN: 1869-9391 (O).