

## **Publications, Book Chapters and Conferences**

- Parmar, H., Samnani, P. Assessment of lakes of Vadodara city in terms of water quality indices and their comparison. *Int J Energ Water Res* (2022). <https://doi.org/10.1007/s42108-022-00231-y>
- Parmar, H., Samnani, P. Towards Sustainable Development—Increasing Public Participation by Simplifying Water Quality Data Presentation in the Form of Eco-Heart Index. *Water Conserv Sci Eng* 8, 27 (2023). <https://doi.org/10.1007/s41101-023-00202-2>.
- Trend Analysis and comparison study between different Water quality Indices in assessing water quality of Lakes of Vadodara, Gujarat (**Under Communication**).
- Statistical analysis of water bodies of Vadodara using Principal Component Analysis (**Under Communication**).

## **Book Chapter**

- Parmar, H., Samnani, P. (2023). Water Quality Index: An Important Tool to Assess Water Quality of Lake Waters for Sustainable Development. In: Pathak, B., Dubey, R.S. (eds) *Climate Change and Urban Environment Sustainability. Disaster Resilience and Green Growth*. Springer, Singapore. [https://doi.org/10.1007/978-981-19-7618-6\\_8](https://doi.org/10.1007/978-981-19-7618-6_8)
- Chaudhari, S., Parmar, H., Samnani, P. (2023). Human Nutritional Condition and Dental Fluorosis in Populations with Varying Concentrations of Fluoride in Their Water Sources. In: Yadav, A.K., Shirin, S., Singh, V.P. (eds) *Advanced Treatment Technologies for Fluoride Removal in Water*. Water Science and Technology Library, vol 125 . Springer, Cham. [https://doi.org/10.1007/978-3-031-38845-3\\_14](https://doi.org/10.1007/978-3-031-38845-3_14).

## Oral Presentation

- Evaluation of Water Quality Index for Assessment of Surface Water Body of Vadodara at International conference on Ecohealth and Environmental Sustainability –23rd -26th February 2020 Navrachna University Centre for Environment ,Research and Innovation in Collaboration with University of Calgary ,Alberta,Canada .
- Anthropogenic stress evaluation in terms of trend assessment of water bodies of Vadodara, Gujarat at Doctoral Colloquium of Navrachana University - NUV Shodhan, scheduled on 6 August, 2021.