

## PUBLICATIONS

- **Patel D**, Pamidimukkala P, Chakraborty D. Groundwater quality evaluation of Narmada district, Gujarat using principal component analysis. *Groundwater for Sustainable Development*, 2024.
- **Patel D**, Jindal MK, Pamidimukkala PS, Chakraborty D. Gamma radiation dose rate distribution in the Anand, Bharuch, Vadodara, and Narmada districts of Gujarat, India. *Environmental Science and Pollution Research*, 2023
- **Patel D**, Pamidimukkala P, Chakraborty D, Yadav A. Bharuch District, Gujarat, India: Factor analysis and geographical distribution of water quality characteristics. *Environmental Nanotechnology, Monitoring & Management*. 2022

## PAPER PRESENTED

- Poster presentation on ‘Pre- and Post-monsoon variation of uranium and associated water quality parameters in Narmada district of Gujarat’, Twentieth National Symposium on Environment (NSE-20), IIT-Gandhinagar, 13-15<sup>th</sup> Dec 2018.
- Poster presentation on ‘Spatial Distribution of Uranium in drinking water of Tilakwada Tehsil and its removal using chitosan-based derivative’, National Symposium on Advance in Chemical Research (ACR-2019), MSU, Baroda, Vadodara, 24<sup>th</sup> Feb 2019.
- Oral presentation on ‘Monitoring of uranium and fluoride in drinking water of Bharuch district of Gujarat’, National seminar on Interdisciplinary Approaches in Environmental Sciences (IAES-01), MSU, Baroda, Vadodara, 18-19<sup>th</sup> Jan 2020.
- Oral presentation on ‘Monitoring of fluoride along with some physico-chemical parameters in Anand, Vadodara, and Bharuch districts of Gujarat state’, International

Conference on Ecohealth and Environmental Sustainability (ICEES-2020), Navrachana University, Vadodara, 24-26<sup>th</sup> Feb 2020.

- Poster presentation on ‘Spatial distribution of uranium and fluoride in groundwater sources of Anand district in Gujarat’, India, International conference on technologies for smart green connected societies 2021, ICTSGS, SPAST Foundation, Kerala, 29<sup>th</sup>-30<sup>th</sup> Nov, 2021.
- Oral presentation on ‘Terrestrial Radiation Dose Rate Distribution in the Four Districts of Gujarat, India, International Conference on Radiation Awareness and Detection in Natural Environment’, Dolphin (PG) Institute of Biomedical and Natural Sciences, Dehradun, 2<sup>nd</sup> – 4<sup>th</sup> March 2023.

### **CONFERENCE AND WORKSHOP ATTENDED**

- National Conference on National conference on pollution management NCPM-2018, MSU, Baroda, 3<sup>rd</sup> Feb 2018.
- 5<sup>th</sup> National Uranium Project (NUP) Workshop on Statistical Analysis of Data Generated Under National Uranium Project at Bhabha Atomic Research Centre (BARC), Mumbai-2018, BARC, Mumbai, 26-27<sup>th</sup> Sept 2018.
- Indian Society of Analytical Scientists’ seminar, MSU, Baroda, 9<sup>th</sup> March 2019.
- One-day seminar on analytical instrumental techniques, MSU, Baroda, 9<sup>th</sup> March 2019
- Indus synchrotrons user’s meeting (ISUM), UGC-DAE CSR, Indore, 27-29<sup>th</sup> March 2019.
- One-day seminar on Environmental Impact Assessment, MSU, Baroda, 22<sup>nd</sup> March 2019.

- Advanced Analytical Techniques for Elemental Analysis (AAT-2019), MSU, Baroda, 28<sup>th</sup> Dec 2019.

### **CONFERENCE PROCEEDING**

- Sudhakar P, Chakraborty D, **Patel D**, Ravi P, Sahoo S. Pre-and post-monsoon variation of uranium and associated water quality parameters in Narmada district of Gujarat. *The twentieth National Symposium on Environmental in Energy Resource Management and Climate Change*, IIT Gandhinagar, Gandhinagar, Gujarat, 2018.