



## Vikram Singh Bhati

📍 84,green pearl estate (M clay) bedwass Udaipur

☎ +91 99 299 227 58

✉ vikramsng589@gmail.com

Born 16 January 1992

### WORK EXPERIENCE

---

2014 to 2015

MLSU ( MAPAN Project )

- I have completed my MAPAN project from MLSU.
- I have taught at PACIFIC University for 6 months as a Part-time) Udaipur.

from 2015 to 2016

- I have taught at SANGAM UNIVERSITY Bhilwara .
- I have been taught in U.S. Ostwal College ( 6 months), Mangalwar affiliated with MLSU, Udaipur.

from 2018 to 2023

- Currently Assistant Professor in the Department of Physics at Sangam University Bhilwara Rajasthan Since 2018.

### EDUCATION

---

from August 2024

- I completed my PhD in Atmospheric Science from Sangam University in August 2024.
- Entitles "Emphatic Repercussions of Meteorological Parameter on Air Pollutants Over Tropical Station Udaipur".

from 2016 to 2018

B.Ed. in Science from TaxshilaVidhyapeethSansthan, B.Ed. College CHIRVA, (MLSU), Udaipur with 67.11 % marks

•

( from 2012 -2014)

University College of Science, Mohan Lal Sukhadia University

- M.Sc. Physics
- Percentage:- 64.46 %
- Project done (Atmospheric Science)

Certificate Course

VMOU , KOTA

- RSCIT done

2009-2012

University College of Science, Mohan Lal Sukhadia University

- B.Sc. in Science
- Percentage 51.57 %

2009

- Science Subjects are Physics, Chemistry, Mathes.
- Percentage 55.38 %

2007

- Subject:- All.
- Percentage 50 %

## SKILLS

---

Fluency in English & Hindi

Skill:- I

- Operating system: Windows XP, MS Office. Application: Excel, PowerPoint, Word, Scientific Linux, Python, Matlab, QGIS and Origin8. online tool for research paper. Practice in Online Teaching tool Software.

Skill II:- Strength

- Self-motivated, task-oriented and analytical.
- Good communication and presentation skills.
- Confident, self-learning and hard working.
- Strong willingness to learn.
- Can work individually or in a team

## Research Paper Publication

---

- Particulate-matter pollution in urban cities of India during unusually restricted anthropogenic activities Ravi Yadav\*, Pushpendra Vyas, Praveen Kumar, Lokesh Kumar Sahu, Umang Kumar V Pandeya\*, Nidhi Tripathi, Mansi Gupta, Vikram Singh, Pragnesh N Dave, Devendra Singh Rathode, Gufran Beig and S.N.A. Jaaffrey.
- Study of PM2.5, Ozone, CO and NO2 induced by COVID-19 during the lockdown period for North Indian cities \* 1 Abhishek Saxena and \* 2 Vikram Singh Bhati.
- COMPARATIVE STUDY OF THE PM2.5 DURING 2017-2021 OVER JAIPUR, RAJASTHAN.
- ANALYSIS AND COMPARISON OF AQI AND POLLUTANTS – PM10, PM2.5, CO AND O3 FOR THE YEARS – 2020 AND 2021 DURING DIWALI SEASON FOR JAIPUR, RAJASTHAN.
- Emphatic repercussions of IOT based air pollution and ground-based concentration monitoring over western part of India i.e., Udaipur.
- Exploring Air Quality Dynamics and Predictive Modeling by using artificial intelligence during COVID-19 Lock down over the western part of India.

## Patent Publication

---

- How To Find Magnetic Field Of Bar Magnet Through Internet Of Things (IoT) Based Technology
- The Relation Between Magnetic Field and Metallic Bonds of Dielectric Material
- Hussimeter Equipment for Rapid Phytochemical Analysis Experiments in Plants and Chemical industries

## Achievement

---

- Cash prize for Patent Publication on 26 January 2023 at Sangam University.
- Cash prize for Patent Publication on 15 August 2024 at Sangam University.
- Cash prize for IEEE Conference on 17 March 2025 at Sangam University.

## Workshop/ conference Attend

---

- 3rd International Conference On ANALYTICAL INTER-DISCIPLINARY RESEARCH (ICAIR-2025) March 10-11,2025 at Sangam University.
- Recent Advances and Challenges in Understanding and Predicting High-impact Weather and Climate Extremes over Indian Subcontinent in the Climate Change Context December 10-12,2024 at NIT Rourkela.
- SERB Supported international conference on Recent Trends and Innovations in Applied Sciences for Sustainable Development of Environment (RTIAS-24) at Sangam University.
- Role of Land Use Land Cover Change in Regional Weather and Climate During 24 th to 28 July 2023 (NIT Rourkela).
- 2nd International Conference On Aerosols,Air Quality Climate Change Over Himalayan Region of Uttarakhand (AAC-2022) November 04-06,2022.
- 2nd International Conference On ANALYTICAL INTER-DISCIPLINARY RESEARCH (ICAIR-2022) March 06-08,2022 at Sangam University.
- International Conference On ENVIRONMENTAL CLIMATIC CONSEQUENCES: CHALLENGES MITIGATION STRATEGIES December 21-22, 2019 at Sangam University.

### Extracurricular Activity

---

- Participated in many cultural and social activities.
- Additional in charge of NCC Caretaker officer in Sangam University 2019-2020.
- Attend online Faculty development program for online teaching process in 2020.
- M.Sc. Physics Program Coordinator from 2018 to May 2022.
- Patent Publication member from 2023 in Sangam University