



---

## **MONALI H PATEL**

Assistant Professor  
Environmental Engineering Department,  
Government Engineering College, Valsad

E-mail : mhpgecv@gmail.com

Mobile: 9099340691

---

### **EDUCATION**

---

<b>ME in Environmental Management</b>	<b>2014</b>
L. D. College of Engineering, Ahmedabad	
<b>BE in Environmental Engineering</b>	<b>2012</b>
L. D. College of Engineering, Ahmedabad	

### **TEACHING EXPERIENCE**

---

<b>Assistant Professor (Regular)</b>	<b>2017-present</b>
Government Engineering College, Valsad	
<b>Lecturer (Regular)</b>	<b>2015-2017</b>
Shri. K. J. Polytechnic, Bharuch	
<b>Assistant Professor (Contractual)</b>	<b>2014-2015</b>
Government Engineering College, Valsad	

### **PROFESSIONAL EXPERIENCE**

---

### **FIELDS OF RESEARCH INTEREST**

---

Areas of Water and Wastewater treatment  
Solid Waste Management  
Environmental Impact Assessment

### **TECHNICAL SKILLS**

---

### **RESEARCH PROJECTS**

---

### **PUBLICATIONS**

---

#### **Journal Papers**

“Development of Conceptual Framework for Water Quality Trading” in International Journal for Scientific Research and Development, Published in E-Journal, Volume 1, Issue 12 and February 2014 having ISSN No. 2321-0613.

## **Conference Papers**

“Conceptual Framework of Water Quality Trading” in National Conference on “Ecotechnologies for Wastewater Treatment: Present Challenges and Future Horizons (NCEWT-14)” organized by Department of Environmental Sciences, Bharathiar University, Coimbatore-641046 on 21-22 January 2014.

“Economics and Environmental Markets: A case study guide to Water Quality Trading” in National Conference on “Emerging Trends in Engineering, Technology & Management” organized by Indus Institute of Engineering, Technology & Management, Ahmedabad, Gujarat, on 31st January 2014- 1st February 2014. Paper Published in proceedings having ISBN No. 978-81-923049-9-1.

“Development of Conceptual Model for Water Quality Trading as a step towards Industrial solution” in 2nd International Conference on “Corporate Governance: Contemporary issues & challenges in Indian Economic Environment” organized by Gujarat Technological University, Chandkheda, Ahmedabad-382424 on 14-15 March 2014. Paper Published in proceedings having ISBN No. 978-93-5122- 000-8.

## **PATENTS**

---

### **KEYNOTE LECTURE DELIVERED**

---

- Expert Lecture on “Environmental Impact Assessment”, under Skill Development by Gujarat Knowledge Society at Chemical Engineering Department, GEC, Bharuch on 9th and 16th March 2016.

### **WORKSHOP / TRAINING ORGANIZED**

---

- 

### **WORKSHOP / TRAINING ATTENDED**

---

- Fundamentals of Nanotechnology: Supplementary Teaching Recourse at Government Polytechnic, Gandhinagar from 2nd November 2015 to 6th November 2015.
- Induction Phase-I at NITTTR, Gujarat Extension Centre, Ahmedabad from 6th February 2017 to 17th February 2017.
- Induction Phase-II at NITTTR, Gujarat Extension Centre, Ahmedabad from 24th April 2017 to 5th May 2017.
- Capacity building Programme for Academicians on Cleaner Production & Clean Technology at Gujarat Cleaner Production Centre, Gandhinagar on 15th September 2017.
- Beyond the classroom towards excellence at Indian Institute of Teacher Education, Gandhinagar from 6th August 2018 to 11th August 2018.
- Building excellence in Technical Education at NITTTR, Bhopal from 8th July 2019 to 12th July 2019.

### **PROFESSIONAL MEMBERSHIPS**

---

- Life Member, Indian Society for a Technical Education - Membership No: LM-122670.

### **HONORS AND AWARDS**

---

## **PORTFOLIOS**

---

- III year faculty incharge.
- Departmental Write-off co-ordinator.
- Departmental House-keeping co-ordinator.
- Co-Co-Ordinator of Female Sports Committee.
- Member of Women Harrassment Committee.
- Member of Purchase Committee.
- Member of AICTE/LIC/UGC/AISHE/RUSA Committee.
- Member of Website Updation Committee.
- Member of MIS Committee.
- Committee Member of HRMS SATHI Portal.
- Girls' Hostel Warden 2018-19.
- Institute Presentation at Orientation Programme, 18th July 2019.

## **SUBJECTS TAUGHT**

---

- Design of Air Pollution and Control Equipments
- Advanced Wastewater Treatment Technologies
- Environmental Impact Assessment
- Wastewater Engineering
- Industrial Water Pollution and Control
- Design of Water Treatment Units
- Physico-chemical Treatment Technologies
- Advanced Environmental Instrumentation
- Municipal and Industrial Solid Waste Management
- Ecology and Remote Sensing