

1. **NAME** : Dr. Naresh R. Vaghela
2. **DESIGNATION** : Associate Professor of Chemical Engineering
3. **QUALIFICATIONS**

- PhD (Chemical Engg.) 2021 Gujarat Technological University
- M. E(Chemical Engg.) 2011 L.D.College of Engineering
- B.E. (Chemical Engg.) 2002 M.S.University, Baroda

4. **EMPLOYMENT DETAILS**

| Sr. No. | Name of Institute / Organization | Designation | Duration | | Remarks |
|---------|--|--------------------------------------|------------|----------|----------------------------------|
| | | | From | To | |
| 1 | Government Engineering College Valsad | Lecturer in Chemical Engg | 2004 | 2007 | Regular(GPSC) |
| 2 | Vishwakarma Government Engineering College, Chankheda, Ahmedabad | Assistant Professor in Chemical Engg | 2007 | 2012 | Transferred |
| 3 | Government Engineering College Bharuch | Associate Professor in Chemical Engg | 2012 | 2022 | Promotion as Associate Professor |
| 4 | Government Engineering College Valsad | Associate Professor in Chemical Engg | 29/10/2022 | continue | Transferred |

5. **PROFESSIONAL MEMBERSHIP**

- i. Life Member, Indian Institute of Chemical Engineers (IIChE)
- ii. Life Member, Indian Society for Technical Education (ISTE)

6. **AREAS OF INTEREST**

- Wastewater Treatment
- Computer Aided Process Design
- New Separation Techniques
- Modelling and Simulation

7. **PUBLICATIONS**

| Sr. No. | Name of Topic(Title) | Author | Year |
|---------|--|---------------------------------------|------|
| 1 | Reclamation of model wastewater containing Rodamine By Electrochemical Fenton (ECF) process | Prof. N. R. Vaghela, Dr. Kaushik Nath | 2019 |
| 2 | Reduced graphene oxide coated graphite electrodes for treating Reactive Turquoise Blue 21 rinse water using an indirect electro-oxidation process. | Prof. N. R. Vaghela, Dr. Kaushik Nath | 2020 |
| 3 | Modelling and Multi-Objective Optimization of Continuous Indirect Electro-Oxidation Process for RTB21 Dye Wastewater Using ANN-GA Approach | Prof. N. R. Vaghela, Dr. Kaushik Nath | 2021 |

8. RESEARCH PROJECTS

- **Student SCI-TECH Project: (Year 2009-11)** "Pyrolysis of sugar-cane by products" Amount: Rs. 20,000/-
- **Co-Investigator of Minor Research Project (MRP)** on Study of action of natural and synthetic stabilizing agents in inhibiting degrading reaction and in preservation and conservation of nutrients, odor & Flavor in fruit juices" Year: 2015-16 Letter No: GUJCOST/MRP/2015-16/2713 Amount: Rs. 1,25000/-

9. AWARDS

- Awarded Third Prize in "**RESEARCH FAIR 2011**" held during 13-14 May, 2011 by GTU
- Certificate of Excellence to perform Zonal Officer duty during General Election to the **Legislative Assembly-2017 from 153-Bharuch Constituency**.
- Best Volunteer Certificate for "Digital Financial Literacy Campaign" on the occasion of National Convention Vittiya Saksharta Abhiyan on 8th March 2017 by **Ministry of Human Resource Development, Government of India**.

10. EXPERT LECTURES

- Expert Speech on "Recent Trends in Novel Separation Techniques" on one day seminar at SN& PIT, Bardol. (Date: 3/8/19).
- Expert Talk on "Advances in wastewater treatment processes" at Finishing school (Course Name: Effluent Treatment Plant Operation and Maintenance" at K.J.Polytechnic, Bharuch. (Date: 14/5/19).
- Expert Talk on "Advancement in Electrochemical Processes for Wastewater Treatment" on GIJCOST sponsor STTT "The Role of Green Technology in Sustainable Development" at GEC, Bharuch Date: 09/04/2021