



KHYATI K MODI

Assistant Professor
Environmental Engineering Department,
Government Engineering College, Valsad

E-mail : kkmgecv@gmail.com

Mobile: 8980035450

EDUCATION

PhD in Environmental Engineering	2018-present
Gujarat Technological University	
<i>Thesis title:</i> "Studies on the treatment of Wastewater using combined Advance Oxidation Processes and modified Rotating Biological Contactor process"	
<i>Guide:</i> Dr. Kaushik Krishnakumar Nath	
ME in Environmental Management	2012
L. D. College of Engineering, Ahmedabad	
BE in Chemical Engineering	2004
D. D. Institute of Technology, Nadiad	

TEACHING EXPERIENCE

Assistant Professor	2011-present
Government Engineering College, Valsad	
Lecturer (Adhoc)	2008-2011
Government Engineering College, Valsad	

PROFESSIONAL EXPERIENCE

FIELDS OF RESEARCH INTEREST

TECHNICAL SKILLS

RESEARCH PROJECTS

PUBLICATIONS

Journal Papers

"Ambient Air Quality Status of Ahmedabad City after Switching Over to CNG as a Fuel for Automobiles". International Journal of Chemical Engineering Research, ISSN: 0975 – 6442, GIF: 2.2, 2011.

"Removal of Color and Cod Reduction from Pulp and Paper Industry Effluent". International Journal of Futuristic Trends in Engineering and Technology, ISSN: 2348-5264 (Print), ISSN:

2348-4071 (Online), GIF: 2.2, 2014.

“Biomethanization of Food Waste”. International Journal of Futuristic Trends in Engineering and Technology, ISSN: 2348-5264 (Print), ISSN: 2348-4071 (Online). GIF: 2.2, 2014.

Conference Papers

“Energy Production from Biodigesting of Agricultural Waste”. Afro - Asian International Conference on Science, Engineering & Technology, ISBN: 9-780993-909238, GIF: 2.2, 2015.

“Modification of Flocculation Process”. Afro - Asian International Conference on Science, Engineering & Technology, ISBN: 9-780993-909238, GIF: 2.2, 2015.

“Cultivation of Mushroom using Agricultural Waste”. Afro - Asian International Conference on Science, Engineering & Technology, ISBN: 9-780993-909238, GIF: 2.2, 2015.

“Treatment of Industrial waste water by Electrochemical Coagulation Process”. National Conference on Advanced Research Techniques in Chemical Engineering (ARTCHEM-2017) With co-located Conferences SMDCET-2017, 978-81-933591-0-5, 2017.

“A short review on phenol removal or elimination from waste water”. 2348-4071, 2016.

PATENTS

KEYNOTE LECTURE DELIVERED

- Expert Lecture on “Wastewater treatment”, 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

- Building Services & Green Building: Green Engineering, NITTTR Extension Center, Ahmedabad, 14-18 May 2018.
- Waste Management in Smart Cities, SVNIT, Surat, 9 -13th May 2016.
- Climate Change and Scenario Development for Policy Analysis, NITTTR Extension Center, Bhopal, 7-18 December-2015.
- Fundamentals of Nanotechnology: Supplementary Teaching Recourse, Government Polytechnic, Gandhinagar, 2-6 November -2015.
- Environmental Studies, SCET, Surat, 2-12 June, 2015.
- A to Z on NG & LNG, Petronet LNG, Dahej, 30 April - 02 May, 2015.
- Sustainable Development Practices in Technical Institutes, NITTTR Extension Center, Bhopal, 15-19 December, 2014.
- Capacity building of students & academicians on latest environmental management tools, Chemical Engg. Dept, GEC, Bharuch, 25 - 26 February 2014.
- Karmayogi Residential Training for Quality Improvement Program in Technical Education, Dhrampur, Valsad, 21-23 November, 2013.
- Induction Phase-I, NITTTR Extension Center, Ahmedabad, 19 - 30 August, 2013.
- Energy Conservation, GSFC, Vadodara, 25-28 August 2010.
- Nanotechnology: A Sustainable Alternative to Environment, SVNIT, Surat, 19-23 January

2009.

PROFESSIONAL MEMBERSHIPS

- Life Member, Indian Society for a Technical Education

HONORS AND AWARDS

PORTFOLIOS

- In-charge Head of Environmental Engineering Department
- Chairman of Women Development Cell
- Member of Housekeeping Committee at Institute Level
- Member of Grievance Cell at Institute Level
- Member of Anti-ragging Committee at Institute Level
- Member of Industrial Hackathon at Institute Level
- Co-Coordinator of Orientation Program 2019-20

SUBJECT TAUGHT

- Air Pollution Control & Management
- Cleaner Production & Waste Utilization
- Industrial Water Pollution & Control
- Environmental Legislation & Audit
- Environmental Impact Assessment
- Ground Water Contamination