Name of Teaching Staff	:	**Dr. Yogesh S. Parab**
Designation	:	Assistant Professor
Department	:	Basic Sciences & Humanities (Chemistry)
Date of Joining the Institution	:	05.07.2013
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Google Scholar Link:	:	https://scholar.google.co.in/citations?user=ksUqQsQAAAAJ
Research gate Link:	:	https://www.researchgate.net/profile/Yogesh-Parab
ORCID	:	https://orcid.org/0009-0006-7440-590X

Qualifications with Class / Grade :

1. **Ph.D. (Science)** from Institute of Chemical Technology ICT (formerly UDCT), Matunga, Mumbai, India.
   Thesis Title: ***Chemical recycling of polymeric waste materials***
2. **M.Sc. (Physical Chemistry)** from K. J. Somaiya College, Vidyavihar, University of Mumbai, with 1st class (66.80%).
3. **B.Sc. (Chemistry)** from University of Mumbai, India with 1st class (81.87%).

Total Experience in Years : **Teaching**: **12 years 8 months**

1. Assistant Professor at D. J. Sanghavi College of Engineering, Vile-parle, Mumbai, from July 2013- Present
2. Visiting Faculty at M H Saboo Siddik College of Engineering, Byculla, Mumbai from August 2012- April-2013.

Papers Published in Journal: : **National**: -
International: 07

1. Aminolytic Depolymerization of Poly (Ethylene Terephthalate) Bottle Waste by Conventional and Microwave Irradiation Heating.
   Yogesh S. Parab, S. R. Shukla. ***Journal of Applied Polymer Science*** 2012, 125, 1103–1107.

2. Microwave Irradiated Synthesis of 1, 4- Phenylene Bis- Oxazoline from BHETA: Heterogeneous Catalyzed, Aminolytic Depolymerization of Poly (Ethylene Terephthalate) (PET) Bottle Waste
   Yogesh S. Parab, S. R. Shukla. ***Current Chemistry Letters*** 2012, 1, 81–90.

3. Microwave synthesis and antibacterial activity of 1, 4- Bis (5- aryl- 1, 3, 4- oxadiazole- 2- yl) benzene derivatives from terephthalic dihydrazide, aminolyzed product from PET bottle waste
   Yogesh S. Parab, S. R. Shukla. ***Waste and Biomass Valorization*** 2013, 4, 23-27

4. Intrinsic catalytic activity of Bronsted Acid Ionic Liquids for Synthesis of Triphenyl Methane and Phthalein under Microwave
   N. Sekar[a*], Amol Choudhary[a] , **Yogesh S. Parab[b],** Vikas S. Patil[a] and S. R.

Shukla[b*]. ***RSC Advances*** 2012, 2, 12112-12117.

5. Novel synthesis, characterization of N^1, N^1, N^4, N^4-tetrakis (2- hydroxyethyl) terephthalamide (THETA) and terephthalic acid (TPA) by depolymerization of PET bottle waste using Diethanolamine
   Yogesh S. Parab, S. R. Shukla. ***Journal of Macromolecular Science- Part A (Pure and Applied Chemistry)*** 2013, 50, 1149-1156.

6. Novel Synthesis, characterization and application of Dibutyrate bis (2-hydroxyethyl) terephthalamide as a plasticizer in PVC compounding
   Yogesh S. Parab[1], P. A. Wasekar[2], S. T. Mhaske[2], S. R. Shukla[1]* ***Polymer Bulletin*** 2014, 71, 2695-2707.

7. Synthesis and Biological Evaluation of Novel Imidazolone - Thiabendazole-Based Metal Complexes
   S. R. Chaudhari[1], P. N. Patil [2], **Yogesh S. Parab[3]**, N. S. Pawar[4]
   International Journal of Pharmaceutical Quality Assurance. 2024, 15(3), 1268-1274.

Papers Presented in Conferences

National: -
International: 03

1. Presented Paper on *"Aminolytic Depolymerization of Poly (Ethylene Terepthalate) Bottle waste under microwave irradiation"* at an International conference on polymer science and engineering, University Institute of Chemical Engineering and Technology, Panjab University, Chandigarh, India (2010)
   Yogesh Parab, S. R. Shukla

2. Presented Paper on *"Microwave synthesis and antibacterial activity of 1, 4-Bis (5-aryl-1, 3, 4-oxadiazole-2-yl) benzene Derivatives from terephthalic dihydrazide, aminolyzed product from PET bottle waste"* at an International conference on recycling and reuse of materials (ICRM), Kottayam, Kerala, India (2011)
   Yogesh Parab, S. R. Shukla

3. Presented Paper on *"Recycling of PET bottle waste in synthesis of Dibutyrate bis (2-hydroxyethyl) Terephthalamide and its application as plasticizer"* at National conference on advances in synthetic and materials chemistry **(NCASMC-2014),** Mumbai University, Mumbai, India (2014)
   Yogesh Parab, S. R. Shukla

Book/s Published

Environmental Chemistry and Non-Conventional Energy Sources (Academic year 2025-26)**,** Himalaya Publishing House, Mumbai,
[As per NEP 2020 Revised syllabus, University of Mumbai (2024-25) for First Year Engineering Students (All Branches), Semester II]

Editor

Editor for the edited book titled,

1. ***"Futuristic Trends in Chemical Material Sciences & Nano Technology"*** (Volume 3, Book 25, 2024)
2. **"Advances in Environmental Chemistry: Pollution, Sustainability, and**

Solutions" (Volume 6, 2026)

Iterative International Publishers (IIP), Chikmagalur, Karnataka-577102, India Paisley Circle, Novi, Michigan- 48377, USA.

Area of Specialization	:	Degradation and Recycling of Polymers, Organic Synthesis, Thermodynamics, Electrochemistry, Kinetics, Environmental Chemistry, etc
Professional Memberships	:	1. Society of Dyers and colorist SDC (Lifetime) 2. Asian Polymer Association APA (Lifetime)
Subjects Taught		**UG Level:** Engineering Chemistry, Environmental Chemistry • **PG Level:** • NA
Projects Guided	:	**UG Level:-** NA **PG Level:-** NA
Recommended Students for Higher Education		**Name of the Student-** NA **University/Industry-** NA
Institute/Department Responsibility handled:		1. CAP coordinator Exam (F.E. Mumbai University Examination) 2. Board of Studies Co-ordinator (FE/ Basic Sci. & Humanities Section) 3. NAAC Co-ordinator (FE/ Basic Sci. & Humanities Section) 4. College Brand Management Committee (NIRF) 5. Admission Committee member 6. Autonomy and NBA Committee 7. Maintenance and Infrastructure Committee 8. Sports Committee member 9. Class teacher/ Mentor 10. National Service Scheme Unit (NSS) committee member 11. Vigilance Committee member 12. Institute Innovation Council (IIC) member