


Name of Teaching Staff	: Dr. Yogesh S. Parab	
Designation	: Assistant Professor	
Department	: Applied Chemistry	
Date of Joining the Institution	: 05.07.2013	
Email ID	: yogesh.parab@djsce.ac.in	
Office Contact	: 022 4233 1184	
Vidwan Link	: https://vidwan.inflibnet.ac.in/profile/338672	
Google Scholar Link:	: https://scholar.google.co.in/citations?user=ksUqQsQAAAAJ	
Researchgate Link:	: https://www.researchgate.net/profile/Yogesh-Parab	
ORCID	: -	
Publons Researcher ID:	: -	
Qualifications with Class / Grade	: 1. Ph.D. (Science) from Institute of Chemical Technology ICT (formerly UDCT), Matunga, Mumbai, India, 2008-2012. <i>Thesis Title: Chemical recycling of polymeric waste materials</i> 2. M.Sc. (Physical Chemistry) from K. J. Somaiya College, Vidyavihar, University of Mumbai, with 1 st class (66.80%), 2006-2008. 3. B.Sc. (Chemistry) from University of Mumbai, India with 1 st class (81.87%), 2003-2006.	
Total Experience in Years	: Teaching: 11 years 2 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: 06 1. Aminolytic Depolymerization of Poly (Ethylene Terephthalate) Bottle Waste by Conventional and Microwave Irradiation Heating. Yogesh S. Parab, S. R. Shukla. <i>Journal of Applied Polymer Science</i> 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. <i>Current Chemistry Letters</i> 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	

Papers Presented in Conferences	<p>Yogesh S. Parab, S. R. Shukla. <i>Waste and Biomass Valorization</i> 2013, 4, 23-27</p> <p>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*}. <i>RSC Advances</i> 2012, 2, 12112-12117.</p> <p>5. Novel synthesis, characterization of N¹, N¹, N⁴, N⁴-tetrakis (2- hydroxyethyl) terephthalamide (THETA) and terephthalic acid (TPA) by depolymerization of PET bottle waste using Diethanolamine Yogesh S. Parab, S. R. Shukla. <i>Journal of Macromolecular Science- Part A (Pure and Applied Chemistry)</i> 2013, 50, 1149-1156.</p> <p>6. Novel Synthesis, characterization and application of Dibutyrate bis (2-hydroxyethyl) terephthalamide as a plasticizer in PVC compounding Yogesh S. Parab¹, P. A. Wasekar², S. T. Mhaske², S. R. Shukla^{1*} <i>Polymer Bulletin</i> 2014, 71, 2695-2707.</p> <p><u>National:</u> - <u>International:</u> 03</p> <p>1. Presented Paper on “<i>Aminolytic Depolymerization of Poly (Ethylene Terephthalate) Bottle waste under microwave irradiation</i>” 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</p> <p>2. Presented Paper on “<i>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</i>” at an International conference on recycling and reuse of materials (ICRM), Kottayam, Kerala, India (2011) Yogesh Parab, S. R. Shukla</p> <p>3. Presented Paper on “<i>Recycling of PET bottle waste in synthesis of Dibutyrate bis (2-hydroxyethyl) Terephthalamide and its application as plasticizer</i>” at National conference on advances in synthetic and materials chemistry (NCASMC-2014), Mumbai University, Mumbai, India (2014) Yogesh Parab, S. R. Shukla</p>				
Area of Specialization	Degradation and recycling of Polymers, organic synthesis, Physical chemistry				
Professional Memberships	: 1. Society of Dyers and colorist SDC (Lifetime) 2. Asian Polymer Association APA (Lifetime)				
Subjects Taught	<table border="1"> <tr> <td data-bbox="440 1738 967 1805"><u>UG Level:</u> •</td> <td data-bbox="967 1738 1508 1805">Engineering Chemistry</td> </tr> <tr> <td data-bbox="440 1805 967 1883"><u>PG Level:</u> •</td> <td data-bbox="967 1805 1508 1883">NA</td> </tr> </table>	<u>UG Level:</u> •	Engineering Chemistry	<u>PG Level:</u> •	NA
<u>UG Level:</u> •	Engineering Chemistry				
<u>PG Level:</u> •	NA				
Projects Guided	: <u>UG Level:-</u> NA <u>PG Level:-</u> NA				

Recommended Students for Higher Education	<u>Name of the Student</u> - NA	<u>University/Industry</u> - NA
Institute/Department Responsibility handled:	<ol style="list-style-type: none"> 1. CAP coordinator Exam (F.E. Mumbai University Examination) 2. Board of Studies (FE Co-ordinator for Humanities Section) 3. NAAC Co-ordinator (FE/ Humanities Section) 4. College Brand Management Committee (NIRF) 5. Admission Committee 6. Autonomy and NBA Committee 7. Maintenance and Infrastructure Committee 8. Sports Committee 9. Class teacher/ Mentor 10. National Service Scheme Unit (NSS) committee member 	