


Somaiya Vidyavihar University

Name: Dr. Jitendra Satam Contact No: 8779487963 E-mail: jitendrasatam@somaiya.edu					
Department/Section: Science & Humanities					
College: K J Somaiya College of Engineering					
DOJ Somaiya: 02/01/2013	Career Experience: 16 Yrs. 10 Months	Industry Experience: 4 Yrs	Teaching Experience: 12 Yrs 10 Months		
Present Academic Designation: Assistant Professor			Present Administrative Designation: Associate HOD		
Area of research/specialization and Courses Delivered					
Research domain/interests/areas <ul style="list-style-type: none"> • Catalysis, polymers • Nanotechnology, Material Science • Nanotechnology in drug delivery, Nanotoxicology studies • Environment and Sustainability Courses Delivered <ul style="list-style-type: none"> • Applied Chemistry - I • Applied Chemistry - II • Engineering Chemistry • Engineering Chemistry Laboratory 					
Recognition as a teacher by any University		UG: Yes	PG: Yes	Ph.D. : Yes	
Details of Recognitions: Somaiya Vidyavihar University, University of Mumbai					
Education					
Examination	Name of the Degree	University/Board	Institute/College	Year	CPI/SPI/ %Marks
Ph.D	Ph.D Chemistry	University of Mumbai	Institute of Chemical Technology	2009	-
PG	M.Sc Inorganic Chemistry	University of Mumbai	K.J. Somaiya College of Science and Commerce	2002	63.7
UG	B.Sc Chemistry	University of Mumbai	K.J. Somaiya College of Science and Commerce	2000	66.5
Diploma	Diploma in Business Management	-	Welingkar Institute of Management studies	2007	69.4
NET/SET/Other	-	-	-	-	-

Notable Experience Details					
Sr. No	Name of the organization	Designation	Date of Joining	Date of Leaving	Experience (Years)
1.	United Phosphorus Ltd. Thane (R & D)	Senior Scientist	October 2008	November 2012	4 years
2.	K. J. Somaiya College of Engineering, Vidyavihar	Assistant Professor	January 2013	Till date	12 years 10 Months

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<p>ICSMC-2015. University of Mumbai.</p> <ul style="list-style-type: none"> • Jitendra R. Satam and Radha V. Jayaram. 12-tungstophosphoric acid supported on polyaniline an efficient catalyst for Friedel-Craft's benzylolation of aromatics. January 23-25, 2007, "International conference on emerging trends in chemical Sciences". University of Mumbai, India. • Jitendra R. Satam and Radha V. Jayaram. Catalytic activity studies of solid acids. February 23-24, 2007, "19th Research Scholar's meet-2007" Indian Chemical Society (Mumbai branch), Mumbai, India. • Jitendra R. Satam and Radha V. Jayaram. April 16-18, 2007, "Catalysis for future fuels" 18th national Symposium and Indo-US Seminar on Catalysis. Indian Institute of Petroleum, Dehradun, India. • Jitendra R. Satam and Radha V. Jayaram. Catalytic room temperature acylation of alcohols, phenols and amines on surface modified metal oxides. 29th November, 2007, "Third catalysis research scholar's meet-2007" Catalysis society of India (Mumbai chapter). • Jitendra R. Satam and Radha V. Jayaram. Seminar on synthesis and characterization of the catalysts. 27 December 2007. 		
<p>Patents / Copyrights: Antenna Based Carbon Dioxide Detector, Indian Design Patent, Application Number. 386665-001 issued on 17th August 2023.</p>		
<p>No of Research projects completed: 4 Rs: 3,50,000</p>	<p>No of Research projects on-going: Rs: One</p>	<p>No of Industrial Consultancy projects on-going: One [150000/-]</p>
<p>Details of Research projects: Completed:</p> <p>Mumbai University Minor Research Grant (2016-17)</p> <ul style="list-style-type: none"> • Development of Magnetic Nano-catalysts for the Photo-degradation of Organo-chlorine and Organo-phosphorus Pesticides <ul style="list-style-type: none"> ○ Principal Investigator: Dr. Jitendra Satam ○ Co-Investigator: Dr. Atul Chaskar • Development of Photo-curable Composition for MIP-SLA 3D-Printing Machine Using Digital Light Processing <ul style="list-style-type: none"> ○ Principal Investigator: Prof. N. S. Chandrashekhar ○ Co-Investigator: Dr. Jitendra Satam <p>Mumbai University Minor Research Grant (2018-19)</p> <ul style="list-style-type: none"> • Bio-catalyzed abatement of organic chlorophenols in effluent wastewater <ul style="list-style-type: none"> ○ Principal Investigator: Dr. Jitendra Satam ○ Co-Investigator: Dr. Pushpendra Rai <p>Ongoing:</p> <p>SVU Seed Grant (2023-25): [490000 /- Rs.] "Micro-plastics removal/degradation from water bodies using graphene based magnetic nanocomposites under sunlight"</p>		
<p>FDPs/Seminars/Workshops/Training Programs Attended/ Organized/ Delivered</p>		
<p>Attended</p> <ol style="list-style-type: none"> 1. Short term Courses / Workshop attended: 1. One week, Short Term Training Programme on "Innovative Teaching Tools & Methodologies for Engineering Faculty" organised by Vidyalankar Institute of Technology, Wadala-East., Mumbai, June 19-23, 2017. 2. One day, DAE-BRNS IANCAS workshop on Radiochemistry and Applications of Radio-isotopes organized by Department of chemistry. M.D. College of arts, Commerce and Science, Parel, Mumbai, 20th August 2016. 3. One week, QIP short term course on Green Concepts in Engineering and Chemistry organized by SV-NIT Surat, 12th December – 16th December 2016. 4. Two Week, Short Term Training Programme (STTP) on Technical Communication for STEM faculty Under the National Mission on Education through ICT (MHRD, Govt. of India) organized by KJSCE (Remote Centre), 08th October to 11th November 2015 (Online activity-One week equivalent) and 30th November to 05th December 2015 (Physical participation at Remote center-One week) 		

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Online courses / FDP attended: <ol style="list-style-type: none">1. "NAAC: Systematic Data Organization and Presentation", organized by IQAC, Vidyalankar Institute of Technology, Mumbai. Date: 16th May, 2020.2. 3-days online workshop on "Education 4.0-Season I" organized by IQAC, Atharva College of Engineering held on 28th - 30th April 2020.3. 3-days online workshop on "Education 4.0-Season II" organized by IQAC, Atharva College of Engineering held on 28th - 30th May 2020.4. One Week International Online Faculty Development Programme organized by Internal Quality Assurance Cell (IQAC) in association with Patlex Business Solutions on, "INNOVATION, IPR & ENTREPRENEURSHIP" from May 04, 2020 to May 10, 2020.5. "Post-COVID or Co-COVID: Challenges and Opportunities" delivered by Dr. S. Swaminathan, Director, CeNTAB, SASTRA, Deemed University, Tamilnadu held on 10th June 2020.	
Organized <ol style="list-style-type: none">1. Two Day Training Programme for, Newly Joined Faculty Members under IQAC, KJSCE 3rd - 4th January 20182. Two Day Training Programme LDP Curriculum for Engineering Institutes (PHASE-I) under IQAC, KJSCE 12th -13th January 20183. Two Day Training Programme LDP Curriculum for Engineering Institutes (PHASE-II) under IQAC, KJSCE 30th - 1st May 20184. Quality Week under IQAC, KJSCE 9th - 14th July 2018	
Delivered <ol style="list-style-type: none">1. Invited talk at the International Conference on Molecular Spectroscopy (ICMS 2017) held at Mahatma Gandhi University, Kottayam, Kerala, India, 8th -10th December 2017. Development of Magnetic Nano-catalysts for the Photo-degradation of Organic Pollutants in water.	
Notable Positions and Responsibility	
1.	Reviewer for IUCEE JEET Journal
2.	Reviewer for The Journal, Bulletin of Korean Chemical Society
3.	Session Chair for The Conference Held at Rajiv Gandhi University, Kottayam, Kerala
4.	Received Travel Grant From UGC for Paper Presentation in CCE 2018 at Paris, France

Dr. Jitendra Satam

Date: 09 / 10 / 2024

Signature of Faculty Member