

Department of Chemistry

Name	BHAVIN R. PATEL
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Qualification

Degree	Year	University	Class/Percentage
SSC	April-2001	GSEB, Gandhinagar	First Dist. (84.71%)
HSC (Science Streme)	April-2003	GSHEB, Gandhinagar	Second (52.92%)
B.Sc. (Chemistry)	March-2006	Veer Narmad South Gujarat Univ., Surat	First Dist. (79.10%)
M.Sc. (Organic Chemistry)	April-2008	Veer Narmad South Gujarat Univ., Surat	First (73.4%)
*Ph.D (Organic Chemistry)	Pursuing (Since January 2013)	Uka Tarsadia Univ.	--

Area of interest Green Chemistry, Synthetic Organic Chemistry, Synthesis of Dyes, Heterocyclic Synthesis

Total Teaching Experience 6 years and 11 Months at graduate and post graduate level

Details of Teaching Experience

June 2008 to May 2010 **Adhoc Lecturer in Chemistry**
V.S.Patel College of arts and science, Bilimora
(Affiliated to Veer Narmad South Gujarat University, Surat)

July-2011 to till now **Teaching Assistant**
Department of Chemistry, Uka Tarsadia University,
Bardoli-Mahuva Road-Tarsadi, Surat

Research Guidance 20 students for M.Sc Dissertation as Principal Investigator.
05 students for M.Sc Dissertation as Co – investigator at Dept. of Chemistry, Uka Tarsadia University, since year 2013 till now.

Publications

- 1) Green Efficient Synthesis of Aryl Thioamides using Ultrasound: A Comparative Study, *Journal of Applied Pharmacy and Science*, Vol. 1 (1), 2014,29-33 ISSN No: 2395 - 6097(Print), 2395 -6100 (Online)

Organizing Seminar and Conference

1. Worked as a organizing member at a one day Seminar on "**Chemistry as a future career**" organized by Department of Chemistry, Uka Tarsadia University in March-2012.
2. Worked as a organizing member at a Three day Workshop on "**Spectroscopy and Stereochemistry**" organized by Department of Chemistry, Uka Tarsadia University in Sept /October -2012.
3. Worked as a organizing member at a one day Seminar on "**Prospects of Chemistry in industries and academics**" organized by Department of Chemistry, Uka Tarsadia University on 18th March-2013.
4. Worked as organizing member at four day workshop on "**Maintenance of Opto—Analytical Instruments**" on 19th to 22nd March 2013 jointly organized by department of Chemistry, Uka Tarsadia University and WRIC-Mumbai (A National consortium of UGC-New Delhi)
5. Worked as a organizing member at a Three day Workshop on "**¹H-NMR Spectroscopy, Stereochemistry and Retro synthesis**" organized by Department of Chemistry, Uka Tarsadia University in September -2013.
6. Worked as a organizing member at a Two days National Conference on "**Innovations and Recent Trends in Drug Discovery Techniques, Radio-labeling and Applied Science Research**" organized by Department of Chemistry and Maliba Pharmacy College, Uka Tarsadia University in January -2014.
7. Worked as **Participant coordinator of Department of Chemistry in youth festival, UThFest-2015** held at Uka Tarsadia University in February-2015
8. Worked as **Local Organizing Member** at GUJCOST Sponsored one day symposium on "**Analytical Quality by Design: A key Tool for Analytical Method Development and Validation**" organized by **Maliba Pharmacy College, Uka Tarsadia University,**

Bardoli on 29th September, 2015.

9. Worked as **Treasurer** at Three days National Level XXXIV Annual Conference of ICC – 2015 on 26th – 28th December, 2015; **Jointly organized by Department of Chemistry, Uka Tarsadia University and Indian Council of Chemists (ICC – Agra).**
10. Worked as **Local Organizing Member** at Three days 22nd ISCB International Conference (ISCBC-2016) on **“Recent Trends in Affordable and Sustainable Drug Discovery and Developments”** during 6th – 8th February, 2016; Jointly organized by Department of Chemistry, Uka Tarsadia University and Indian Society for Chemists and Biologist (ISCB, CDRI – Lucknow).
11. Worked as **Local Organizing Member** at one day Academia-Industry Meet-2017 on 21st February-2017 Jointly organized by Department of Chemistry, Uka Tarsadia University and Southern Gujarat Chambers of Commerce and Industry-Surat

Participation in Seminars / symposia / conferences

1. One day state level conference on **“Challenges in Chemistry”** in February, 2010 held by Department of Chemistry, B. P. Baria Science Institute, Navsari.
2. One day state level seminar on **“Emerging Trends in Organic Chemistry”** in February, 2010 held by Department of Chemistry, Sir P. T. Sarvajanic college of Science, Surat.
3. A two day state level workshop on **“Fundamentals of Spectroscopy and its applications in elucidating molecular structure”** in February, 2011 held by Department of Chemistry, V.S. Patel college of Arts & Science, Bilimora.
4. One day state level seminar on **“Recent Trends in Nuclear Chemistry”** in December, 2011 held by Department of Chemistry, The Patidar Jin Science College, Bardoli.
5. A two days national conference on **“Pharmaceutical Research: Quality Initiatives and Novel Technological Approaches”** held at Maliba Pharmacy College, Uka Tarsadia University in April 2013.
6. A UGC sponsored state level seminar on **“Challenges in Organic Synthesis and its Pharmaceutical Applications”** organized by Department of Chemistry, Sir P. T. Sarvajanic college of Science, Surat in January-2014.
7. GUJCOST sponsored **“Science Manthan-2014, A Congregation of young scientific minds”** organized by P. D. Patel Institute of Applied Sciences, CHARUSAT, Changa in

February-2014.

8. A one day workshop on **“Applications of Nanotechnology in Science and Technology”** organized by C. G. Patel Institute of Technology, Uka Tarsadia University in January-2015.
9. A one day symposium on **“Nanotechnology based Drug Delivery: Opportunities and Challenges”** organized by Maliba Pharmacy College in April-2015.
10. A One Day State level symposium on **“Research: Writing, Publication & Analysis”** organized by Shree Ramkrishna Institute of Computer Education & Applied Sciences in collaboration with Dr. C. M. Desai Research Center on 3rd October, 2015.
11. A GUJCOST Sponsored One Day National Seminar on **“Futuristic Perspectives on Inhaled Drug Therapy”** on 9 January, 2016; Organized by Maliba Pharmacy College, Uka Tarsadia University.
12. A NAAC sponsored National Conference on **“Quest for Excellence in Teaching, Learning and Evaluation** organized by Internal Quality Assurance Cell (IQAC), Charotar University of Science and Technology, Charusat Campus Changa **during 22nd and 23rd February-2017**

Oral Presentations:

1. **“Fast Efficient Green Synthesis of Mannich Bases: A comparative study of Ultrasound Vs Conventional Techniques”** at Two days National Conference on **“Recent Advances in Engineering for Sustainability”** organized by Chhotubhai Gopalbhai Patel Institute of Technology, Uka Tarsadia University in May-2015
2. **“Fast And Efficient Synthesis of Biological Active Substituted Oxiranes”** at Three days National Level XXXIV Annual Conference of ICC – 2015 on 26th – 28th December, 2015; **Jointly organized by Department of Chemistry, Uka Tarsadia University and Indian Council of Chemists (ICC – Agra).**
3. **“Synthesis Characterization and Biological Activity of Novel Oxadiazolyl-Thioacetamide Derivatives”** at UGC sponsored National Seminar on **Current Scenario: Opportunities and Challenges in Chemical Science Research (COCCS-2017)** organized by Department of Chemistry, Sardar Patel University- Vallabh Vidyanagar on 15th March-2017.

Poster Presentations:

1. ***“Sulphamic acid : A Green catalyst for synthesis of Mannich bases”*** at Three Days National Conference on ***“Recent Advancements in Chemical Sciences”*** organized by ***Malaviya National Institute of Technology (MNIT), Jaipur during 21 to 23 August-2015.***
2. ***“Design, Synthesis and biological evaluation of β -amino carbonyl compounds catalyzed by a novel catalyst under solvent-free conditions”*** at Three Days ***22nd ISCB International Conference (ISCB-2016) on “Recent Trends in Affordable and Sustainable Drug Discovery and Developments”*** during ***6th - 8th February, 2016;*** Jointly organized by Department of Chemistry, Uka Tarsadia University and Indian Society for Chemists and Biologist (ISCB, CDRI – Lucknow).
3. ***“Synthesis of Heterocyclic Chalcones by Mechanochemical method”*** at the National Conference on ***“Green Technologies in Day-to-Day Life” (NCGT-2017)*** organized by ***Guru Nanak College of Arts, Science & Commerce and Green ChemisTree Foundation on 18th February-2017***

Guest Lectures Delivered:

1. *Deliver lecture series on “Stereochemistry and Conformational Analysis” to the Post graduate students of Department of Chemistry at V. S. Patel College of Arts & Science, Bilimora on 20th September, 2014*
2. *Deliver expert talk on “Molecular Rearrangement” to the Post graduate students of Department of Chemistry at V. S. Patel College of Arts & Science, Bilimora on 19th January, 2017*