

Name	Dr Paresh N Patel
Address	Department of Chemistry, Uka Tarsadia University, Bardoli - 394350, Gujarat, INDIA.
Designation	Assistant Professor
Email	paresh.patel@utu.ac.in / drpnpatel446@rediffmail.com
Qualification	PhD – 2013 (Department of Chemistry; Sardar Patel University) <i>Organic Synthesis</i> MSc – 2009 (Department of Chemistry; Sardar Patel University) <i>Organic Chemistry</i> BSc – 2007 (NV Patel Science College; Sardar Patel University) <i>Chemistry</i>
Area of Research Interest	<ul style="list-style-type: none"> ❖ Development of green methodology in organic synthesis for effective drugs molecules ❖ Porous coordination polymer as biosensor, isolator and storage ❖ Synthesis of Au nanoparticle by renewable resources and its catalytic application ❖ Asymmetric synthesis by biocatalysts
Experience	<ul style="list-style-type: none"> ❖ Assistant Professor, Uka Tarsadia University, Bardoli, Gujarat, Nov. 2016 to till date ❖ Institute Post Doctoral Fellow, IIT Madras, Chennai, Tamilnadu, Nov. 2013 to Oct. 2016 ❖ Fellow, NIF – Ahmedabad, Gujarat, Aug. 2013 to Oct. 2013 ❖ SRF, Department of Chemistry, Sardar Patel University, Gujarat, May 2011 to July 2013
Current Position	Assistant Professor
Achievements	<p>Grants</p> <ul style="list-style-type: none"> ❖ Got research grant of Rs. 10 Lakh from ICSR-IITM for one year as co-investigator (2014-2016) ❖ International travel grant from DBT, Gol., for International Conference in USA (August 2015) ❖ Minor research project from GUJCOST (Proposal accepted, 2017) <p>Editor</p> <ul style="list-style-type: none"> ❖ Editorial Board Member of Journal Club for Applied Sciences (From 2014) ❖ Editorial Board Member of International Journal of Chemical Synthesis and Chemical Reactions (From 2015)

	<p>Membership</p> <ul style="list-style-type: none"> ❖ The Indian Science Congress Association (From 2014) <p>Guided</p> <ul style="list-style-type: none"> ❖ Guided eight post graduate students at IIT Madras as co-guide (2013-2016) and two students from Denmark ❖ Guided thirteen post graduate students at Chem. Dept., UTU (2016-2017) <p>Reviewer</p> <ul style="list-style-type: none"> ❖ Synthesis and Reactivity in Inorganic, Metal-Organic, and Nano-Metal Chemistry ❖ Heterocyclic Communications ❖ Journal of Energy and Chemical Engineering ❖ Russian Journal of Organic Chemistry ❖ Journal of Heterocyclic Chemistry
<p>List of Publications</p>	<ul style="list-style-type: none"> ❖ Books: 06 ❖ Paper Publications: <p>Communicated</p> <ol style="list-style-type: none"> 1. "A Cross Domino Reaction: Catalyst Free Complete Diastereoselective Synthesis of Aryl Substituted Cyclohexanols" Patel, P. N.; Chadha, A. <i>Organic Letters</i> 2. "Microcantilever based Sensing of Bacterial Viability through Siderophores" Bhadra, P.; Mohammed, S.; Patel, P. N.; Bhattacharya, E.; Chadha, A.; Sekhar P. K. <i>Biosens. Bioelectron.</i> (Washington State University, USA collaboration) 3. "Biomass-supported sustainable catalyst: One pot yeast mediated gold nanoparticles for the efficient reduction of nitroarenes" Saravanan, K.; Patel, P. N.; Venkatraman, S.; Chadha, A. <i>Green Chemistry</i>. 4. "Heteroaryl-Appended Terpyridine Derivatives: DNA Binding and Photocleavage Studies of Copper(II) Complexes" Patel, P. N.; Rajalakshmi, S.; Chadha, A. <i>Dalton Trans.</i> <p>2016</p> <ol style="list-style-type: none"> 5. "Synthesis, Single Crystal Structure and Spectroscopic Aspects of Benzo[b]thiophene-3-carbaldehyde Based Chalcones"; Paresh N Patel and Anju Chadha; <i>Journal of Chemical Crystallography</i> (2016) 46, 245-251.

	<p>6. "Preparation, Characterisation and Crystal Structure Analysis of (2<i>E</i>,2'<i>E</i>)-3,3'-(1,4-Phenylene)bis(1-(2-aminophenyl)prop-2-en-1-one)" Paresh N Patel and Anju Chadha; <i>Crystallography Reports</i>,(2016) 61, 7, 1086–1089.</p> <p>2015</p> <p>7. "Crystal structure of (<i>E</i>)-1,3-bis(6-methoxynaphthalen-2-yl)prop-2-en-1-one" Paresh N Patel, Anju Chadha; <i>Acta Crystallographica Section E</i>. (2015); E71, o884–o885.</p> <p>8. "Synthesis and some novel transformations of a spiro 4-thiazolinone derivative and its antimicrobial activities" Paresh N. Patel and Yogesh S. Patel, <i>Cogent Chemistry</i> (2015), 1: 1048558.</p> <p>9. "Studies on metal complexes of 1-((8-hydroxyquinolin-5-yl)methyl)-3-(thiazol-2-ylimino)indolin-2-one" Paresh N. Patel, Yogesh S. Patel, <i>Research on Chemical Intermediates</i> (2015) DOI 10.1007/s11164-014-1903-3.</p> <p>2014</p> <p>10. "Synthesis and pharmacological evaluation of novel spiro 4-thiazolinone derivatives as antimicrobial agents" Shah, Purvesh J., Patel, Paresh N., Patel, Khyati D., Patel, Hasmukh S.; <i>Heterocyclic Letters</i>; 4(4); 537-547; 2014.</p> <p>11. "Decolorize dye effluents of textile industries by sulfonated ureaformaldehyde Resin" Paresh N. Patel, Yogesh S. Patel, Hasmukh S. Patel <i>Arab J. Phys. Chem.</i>; 1(2); 46-51; 2014.</p> <p>12. "Biological Evaluation and Spectral Studies of Asymmetrical 3,5-Disubstituted-1,2,4-Oxadiazoles" Yogesh S. Patel, Paresh N. Patel, Hasmukh S. Patel <i>International Research Journal of Pure & Applied Chemistry</i>; 4(3); 315-326; 2014.</p> <p>13. "Studies on Coordination Polymers Derived from 2,5-Bis(naphthalen-1-ylcarbonyl) terephthalic acid" Yogesh S. Patel, Paresh N. Patel, Hasmukh S. Patel; <i>Journal of Macromolecular Science, Part A: Pure and Applied Chemistry</i>; 51; 134–143; 2014.</p> <p>2013</p> <p>--</p> <p>2012</p> <p>14. "Studies on synthesis, characterization and solvatochromic effect of novel tris(heteroaryl)bisazo dyes for dyeing polyester fabric" Visha P. Modi, Paresh N. Patel, Hasmukh S. Patel; <i>Elixir Org. Chem.</i>; 44; 7192-7201; 2012.</p>
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	<p>15. "Removal and decolorization of dye bearing textile effluents by sulfinated furfural-acetone resin" Paresh N. Patel, Hasmukh S. Patel; <i>Advances in Appl. Scie. Res.</i>; 3 (5); 2693-2699; 2012.</p> <p>2011</p> <p>16. "Synthesis, spectroscopic, thermal and biological aspects of drug-based copper(II) complexes" Paresh N. Patel, Darshna J. Patel, Hasmukh S. Patel; <i>Appl. Organometal. Chem.</i>; 25; 454-463; 2011.</p> <p>17. "Synthesis of some novel divalent transition metal complexes as antimicrobials" Kaushal K. Oza, Paresh N. Patel, Hasmukh S. Patel; <i>Chinese Chemical Letters</i>; 22; 935-938; 2011.</p> <p>18. "Synthesis and biological study of novel 5-{{4-(6,7-dihydrothieno[3,2-c] yridine-5(4H)-ylsulfonyl)phenyl amino)-methyl}quinolin-8-ol and its metal complexes" Paresh N. Patel, Khyati D. Patel, Hasmukh S. Patel; <i>Chinese Chemical Letters</i>; 22; 1297-1300; 2011.</p> <p>19. "Studies on post reaction products of novel spiro indoline-thiazolidine derivatives" Paresh N. Patel, Hasmukh S. Patel; <i>Der Pharmacia Letter</i>; 3(1); 307-318; 2011.</p> <p>20. "Synthesis, spectral investigation and biological evaluation of novel non-cytotoxic tetrahydrothieno[3, 2-c]pyridine hydrazide derivatives" Visha P. Modi, Paresh N. Patel, Hasmukh S. Patel; <i>Der Pharmacia Letter</i>; 3(4); 120-133; 2011.</p>
<p>Seminar/ Conference/ Workshop</p>	<p>Paper Presented in International Conferences</p> <p>2016</p> <p>1. Poster presentation entitled "Lanthanide Metal Complexes of Heteroaryl Terpyridines and their Interaction with Calf Thymus DNA" in 19th CRSI, NBU, West Bengal, India, July 14-16, 2016.</p> <p>2015</p> <p>2. Poster presentation entitled "Study on interaction of novel heteroaryl chalcones with calf thymus DNA using molecular docking and spectroscopic techniques" in The 25th ISHC Congress–Santa Barbara, California, USA, August 23-28, 2015.</p> <p>2014</p> <p>3. Presented a poster entitled "Synthesis and characterization of novel lanthanide metal complexes: A study of their antimicrobial activity and interaction with bio-molecules" in the International Symposium on "Recent Advances in Medicinal Chemistry" to be held during 8th-10th September 2014 at NIPER, S.A.S. Nagar, Mohali, Punjab, India.</p> <p>2013</p>

	<ol style="list-style-type: none">4. Poster presentation on "Removal and Decolorization of Dye Bearing Textile Effluents By Sulfonated Furfural-Acetate Resin" in 3rd International Conference on "Advancements in Polymeric Materials 2013 (APM-2013)", 1st - 3rd March - 2013, at CIPET, Lucknow, UP, India.5. Presented a poster entitled "Removal and decolorization of dye bearing textile effluents by sulfinated urea-formaldehyde resin" in "International Convention on Colorants – 2013, 8th and 9th January 2013 - Gandhinagar, Gujarat, India.6. Participated an "International conference for academic Institutions 2013" held at Gandhinagar on 9th - 10th January 2013. <p>2012</p> <ol style="list-style-type: none">7. Presented a poster entitled "Synthesis and pharmacological evaluation of some novel spiro 4-thiazolinone derivatives as antimicrobial agents" in 4th International Congress of Envir. Research, SVNIT, Surat, Gujarat 15th to 17th December 2011.8. Poster presentation on "Synthesis of novel hetero imine based drugs containing 3-functionalized ligand and its metal complexes" in Inter. Conf. on Recent Trends in Advanced Materials, VIT University, Vellore, Tamil Nadu, 20th to 22th February 2012.9. Oral presentation on "Removal and Decolorization of Dye Bearing Textile Effluents By Sulfinated Furfural-Acetate Resin" in a national conference on Energy resources, Envir. Impacts & Ind. Waste Management, Sri Venkateswara University, Tirupati, 27th & 28th February 2012.10. Oral presentation on "Synthesis, characterization and biological evaluation of asymmetrical 3, 5-disubstituted 1, 2, 4-oxadiazoles" in 2nd International Science Congress, 8th-9th December 2012, At Bon Maharaj Engineering College, Vrindavan, Mathura, UP, India. <p>Paper Presented in National Conferences</p> <ol style="list-style-type: none">1. Attended a international level conference on "Bridging the gap through English, Education, Equity, Empowerment and Employability" at "H.M. Patel Institute of English Training and Research, V.V. Nagar, Gujarat 22th & 23th June 2012"2. Oral presentation on "Facile one-pot synthesis of asymmetrical 3,5-disubstituted 1,2,4-oxadiazoles and their biological activities" in national conference "SPU Research Scholar Meet", Sardar Patel University, V. V. Nagar-388120, 8th & 9th January 2012.
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	<p>Workshop & Seminar</p> <p>2012</p> <ol style="list-style-type: none">1. Attended a National level workshops on “National Workshop on Frontiers in Chemistry” at Dept. of Chem., Sardar Patel University, V. V. Nagar-388120, 2nd - 4th February 2012.2. Attended a National level workshop “National Workshop on Research Methodology: a March Towards Creating Quality Through Research” at Sardar Patel University, V. V. Nagar-388120, 12th - 14th March 2012.3. Attended a National level workshop on “Scientific/Research Paper Writing” at C.I.F.E., Mumbai, 08th - 10th June 2012.4. Attended a National level “UGC-Sponsored Interaction Programme” at Academic Staff College, Sardar Patel University, V. V. Nagar, 19th - 24th March 2012. <p>2011</p> <ol style="list-style-type: none">5. Attended a National level seminar on “Recent Advances in Analytical Techniques for Pharmaceuticals” at Department of Pharmaceutical Sciences, Sardar Patel University, V. V. Nagar, 18th & 19th March 2011.6. Attended a National level workshop on “Combine Application of Spectroscopy in Chemistry” at Dept. of Chem., Sardar Patel University, V.V. Nagar-388120, 17th - 19th February 2011. <p>2010</p> <ol style="list-style-type: none">7. Attended a National level seminar on “Nano Technology Today and Tomorrow” at Department of chemical engineering, Nirma University, Ahmedabad, 08th April 2010.
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Date: 22nd June 2017

Place: Tarsadi (Bardoli)