

## **Dr. Ravi Bachubhai Patel**

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## **Educational Background**

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Ph.D. Chemistry, M.Sc. Organic Chemistry, B.Ed. Mathematics-Science.

Professional Experience: Teaching Experience :15 Years

## **Honors and Awards**

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Ph.D. and M. Phil Guide in Applied Chemistry, at Shree P. M. Patel Institute of P. G. Studies and Research in Science, Anand, Affiliated to Sardar Patel University, Vallabh Vidyanagar.

## **Books Publications:5**

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- 1 Organic Chemistry, Authors: Dr. R. B. Patel, Dr. B. C. Dixit, Dr. H. R. Maradia, Dr. J. R. Patel, Dr. M. M. Morekar, Dr. R. N. Patel, First Edition: 2015, Atul Prakashan, ISBN NO. 978-81-930503-1-6.
- 2 Organic Chemistry, Authors: Dr. R. B. Patel, Dr. B. C. Dixit, Dr. H. R. Maradia, Dr. B. P. Dave, Dr. M. K. Parmar, Dr. R. H. Patel, Dr. J. R. Patel, Dr. M. M. Morekar, Dr. R. N. Patel, Second Edition: 2016, Atul Prakashan, ISBN NO. 978-81-930503-1-6.
- 3 Adipic Acid Modified Polyester Resin by. Dr. Ravi Bachubhai Patel, Lap Lambert Academic Publishing, Sep.2018, ISBN NO: 978-3-659-70587-8.
- 4 Fumaric Acid Modified Polyester Resin by. Dr. Ravi Bachubhai Patel, Lap Lambert Academic Publishing, Dec.2018, ISBN NO: 978-613-9-92439-4.
- 5 Fundamental of Forensic Science, By Dr. Ravi B. Patel, Publisher: Anand People's Medicare Society,19-November 2019, ISBN:978-81-89791-39-6.

## **Paper Publications: 9**

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1. Thermal and Mechanical Properties of Adipic acid modified unsaturated polyester resin and jute composite, Ravi B Patel, Ketan S. Patel, and Rajarshi N Patel, Dholakiya B. Z, IJPRS. Vol. 2; pp: 131-138, Nov-2013, Impact Factor-1.0285, ISSN-2277-7873
2. Biological Activity of Newly Synthesized M(II) Heterochelates of Coumarin Derivative and Enrofloxacin, Ketan S. Patel, Ravi B. Patel and Rajarshi N. Patel, Heterocyclic Letters. Vol. 3 (issue-4); pp: 493-504, 2013. ISSN: 2231-3087(print)/2230-9632(Online)
3. A Novel and Industrial Approach for The Synthesis of Valsartan, Ketan S. Patel, Ravi B. Patel and Rajarshi N. Patel, Heterocyclic Letters. Vol. 3(issue-4); pp: 513-518, 2013. ISSN: 2231-3087(print)/2230-9632(Online)
4. Thermal and mechanical properties of modified polyester resin and jute composite, R. B. Patel, K. S. Patel, R. N. Patel and K. D. Patel, Pelagia Research Library, Der Chemica Sinica, Vol.5(issue-1); pp:47-54, 2014. ISSN: 0976-8505
5. Chemical Study of Ground Water Taken from Highly Polluted Pond (Goya Talav) of A Anand District (Gujarat), R. B. Patel, R. N. Patel, K. S. Patel, A. P. Desai, Journal Club for Applied Sciences (JCAS), Manuscript No: JCAS/RES/2015/29, Vol.2 (issue-1), April.2015, ISSN: 2394 - 1731
6. A Novel Route for The Synthesis of Chemiluminiscence, As A Crime Scene Investigation Compound, D. S. Patel, K. S. Patel, R. B. Patel, M. R. Chhasatia, A. J.

Shah and R. N. Patel, Research Journal of Forensic Sciences, Vol.5(Issue-3); pp:1-6, November-2017, ISSN-2321-1792.

7. A Review paper on study and application of 5-sulphoantranilic Acid, Naveen Shodh Sansar, Jayaveersinh Mahida, Dr. Ravi B. Patel, Vol. I- Dec.2017- ISSN-2320-8767, E-issn-2394-3793, impact factor-2.3245(2016).
8. Synthesis & Analysis of Some Novel Amine Based Heterocyclic Compounds and its Derivatives Prepare by Different Catalyst Concentration and Time Duration, Mr Jayaveersinh Mahida, Dr.Ravi B. Patel, Dr. Jigarkumar Patel, Dr. Nileshkumar Vala, IJSART – Vol. 4 (Issue-2) FEBRUARY 2018, ISSN :2395-105,Impact factor-1.7494.
9. A single step multi component synthesis & Preparation of novel imidazole derivatives via check the activity of Organic Weak acid catalyst and its activity, Mr Jayaveersinh Mahida, Dr. Ravi B. Patel, JETIR, Vol.5 (Issue-9) September 2018, ISSN-2349-5162.

### Conferences/ Seminar

Sr. No.	Nature of The Participation	Organized by	No. of Days
1	Participated Recent Advance in Chemistry	Sponsored by UGC, Pune, Managed by V.P.& R.P.T.P. Science College, V.V. Nagar	02
2	Participated National Seminar On Chemistry Research at the 20 <sup>th</sup> and 21 <sup>th</sup> Century Interface	UGC DSA Phase III Programmed at Department of Chemistry, The M. S. University of Baroda, Vadodara	02
3	Participated National Seminar on Novel Trends In Polymer Science & Technology(NSNTPST)	Organize under auspices of UGC funded center of Excellence in Applied polymers, held at Department of Chemistry	02
4	Participated Modern Trends in supra- molecular Nanotechnology & Nanomedicine	Institute of Pharmacy, Nirma University of Science and Technology, Ahmadabad	02
5	Participated Fifth All Gujarat Research Scholars Meet	The Applied Chemistry Department, Faculty of Technology & Engineering, the M.S. University Of Baroda	01
6	Participated Industrial Motivation Campaign	V.P.& R.P.T.P. Science College and Micro, Small & Medium Enterprises, Govt. Of India, Ahmadabad	01
7	Participated National Seminar On Emerging trends in Chemical Science Research	Department of Chemistry, Sardar Patel University, Vallabh Vidyangar	02
8	Participated V <sup>th</sup> GSA-VVN CSC Annual Science Meet -2010	Jointly Organized by Gujarat Science Academy-V.V. Nagar Chapter & C.C. Patel Community Science Centre Sardar Patel University	01
9	Participated Workshop on Promotion of Culture of Quality through Research	Knowledge consortium of Gujarat, Department of Education, Government of Gujarat & Bhikhabhai Jivabhai Vanijiya Mahavidyalaya	03
10	Participated Recent advances in Applied Sciences(RAAS)	Shri Alpesh N. Patel postgraduate Institute, Anand	01
11	Participated UGC-CPE Sponsored,	Department of Bio-Sciences & Chemistry, M. B. Patel Science College	01

	National conference on Recent Advances in Life sciences and Chemical Science		
12	Participated Workshop on Roles and responsibility of Personal Associated with Examination	Examination Reforms Unit (ERU) and Internal Quality Assurance cell (IQAC) at Sardar Patel University	01
13	Attended Advances In Polymer Synthesis For New Materials	Applied Chemistry department Faculty Of Technology And Engineering, The M.S. University Of Baroda	01
14	Participated DST-SERB sponsored Winter School On Computational Chemistry (DST-SERB WSCC 2013)	DST-SERB sponsored Winter School On Computational Chemistry (DST-SERB WSCC 2013) Organized by Department of Chemistry, Sardar Patel University, Vallabh Vidyanagar	05
15	Attended Understanding Complexities of Life from Molecules	Zonal Center Training Program In Association with Makeintern & Spring-Fest (IIT- Kharagpur Event) at Shree P.M.Patel Institutes Of P.G.Studies & Research In Science,Anand	02
16	Participation Workshop for framing of syllabus of III to VI semester B.Sc.(Chemistry)Under CBSC System	Chemistry Department, M.B.Patel Science College,Anand And Board Of Studies in Chemistry, Sardar Patel University,Vallabh Vidyanagar	01
17	Participation Workshop on” NAAC Preparation: The Road Ahead”	Internal Quality Assurance Cell(IQAC) Sardar Patel University, Vallabh Vidyanagar	01
18	Participation Workshop on “Preparation of NAAC Assessment and Accreditation for Non Accredited colleges/ Institutes”	Organized by Internal Quality Assurance Cell(IQAC) Sardar Patel University, Vallabh Vidyanagar	01