

## **CURRICULUM VITAE**

**Dr. Ketan C. Parmar**

**Present Address:** 23/Sargam Residency

Opp- Rameshwar Residency,  
At and Po- KOSAMDI-393001  
Ankleshwar, Gujarat, India

**E-Mail Address:** [kcpgroupc@gmail.com](mailto:kcpgroupc@gmail.com)

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**Date Of Birth** : 16<sup>th</sup> November, 1981.

**Height** : 168 Cms.

**Religion** : Hindu.

**Language Known** : Gujarati, Hindi, English

**Married Status** : married.

**Hobby** : Reading, Music, Cricket.

### **Education Qualification:**

**Ph. D.** : Synthetic Organic Chemistry [2009]

- **Thesis Title:** "A STUDY ON NEW 5 AND/ OR 6 MEMBERED HETEROCYCLIC AND/ OR CARBOCYCLIC COMPOUNDS AND THEIR DERIVATIVES"
- **Research Guide:** Dr. J. J. Vora, Prof. & Head, Department of Chemistry, Hemchandracharya North Gujarat University, Patan – 384 265, India.

No	Degree	Board/Uni.	Year of Passing	Percentage	Grade
(1)	M.Sc.	South Gujarat Uni.	2004	67.80 %	First
(2)	B.Sc.	South Gujarat Uni.	2002	70.11 %	First
(3)	H.SC.	GHSEB	1999	54.12 %	Second
(4)	S.S.C.	GSEB	1997	85.57 %	Dist

### Work Experience

- I worked at Dishman Chemical and Pharmaceutical Ltd.(Ahmedabad) for one year and four months in the R @ D department.
- I worked in the IPR department, Cadila Healthcare Ltd (Baroda) for 1 year and five months.
- Presently I have been working as Assistant Professor at Sir P T Sarvajanik College of Science, Surat since 15 February 2011.

### Research Publications

1. One pot synthesis of 2- ((4-methylpiperazin-1- yl(phenyl)methyl)benzene-1,3-diol derivatives and their in vitro antimicrobial activity  
Nikita Umrigar, **Ketan C. Parmar**, Bhavesh M. Patel  
International journal of Recent Scientific Research, Vol. 8, Issue, 9, pp. 20133- 20137, **2017**
2. Review Article on Synthesis of 1,3,4- Thiadiazole Derivatives and It's Biological Activity.  
Nikita Umrigar, **Ketan C. Parmar**  
Journal of Chemical and Pharmaceutical Research 9(6): page no-202- 214 2017
3. Ring opening of activated cyclopropane with NIS/NaN<sub>3</sub>: Synthesis of C-1 linked pseudodisaccharides  
S. D. Haveli, S. Roy, Vibha Gautan, **Ketan C. Parmar**, S. Chandrasekaran

**Tetrahedron, 2013, Vol-69, issue-52, 11138-11143 (Published)**

4. Synthesis and characterization of wholly aromatic polyesters using interfacial polycondensation technique

Sangita G. Sanadhya, S. L. Oswal and **Ketan C. Parmar**

*Der Pharma Chemica*, **2014, 6(6)**, Page No:156-163

5. Antifungal activity of some novel chalcones containing pyrazole moiety.

J. J. Vora, Dharmesh M. Patel, **Ketan C. Parmar**, Bhavesh M. Patel and Sunil B. Vasava

*Der Pharma Chemica* **2014, 6(5)**, Page No:166-170.

**(Published)**

6. Antibacterial activity of 1-(4-methyl sulfonylphenyl)-3-(1-phenyl-3-aryl-1Hpyrazol-4-yl)-2-propen-1-ones and its derivatives

J. J. Vora, Dharmesh M. Patel, **Ketan C. Parmar**, Bhavesh M. Patel and Sunil B. Vasava

*Der Pharma Chemica* **2014, 6(4)**, 367-372. **(Published)**

7. Syntheses, Spectral and microbial studies of some novel schiff base derivatives of 2-amino pyridine

**K. C. Parmar**, J. J Vora and S. B. Vasava

*Journal of Chemical and Pharmaceutical Research*, **2014, Vol-6, Issue-4, page-1259-1263.** **(Published)**

8. Synthesis and characterization of aliphatic-aromatic polyesters using interfacial polycondensation technique.

Sangita G. Sanadhya, S. L. Oswal and **Ketan C. Parmar**

*Journal of Chemical and Pharmaceutical Research*, **2014, Vol-6, Issue-4, page-705-714.** **(Published)**

9. Syntheses, Spectral and microbial studies of some novel schiff base derivatives of 2-amino pyrimidine  
**K. C. Parmar, J. J Vora and S. B. Vasava**  
**Journal of Chemical and Pharmaceutical Reaserch, 2013, Vol-5, Issue-9, page-222-226. (Published)**
10. Synthesis, Characterization and Antibacterial activity of new series of -s-triazine derived with Quinolines.  
J. J. Vora, **K. C. Parmar**, S. B. Vasava, Asha D Patel, S. K. Chauhan and S. S. Sharma,  
**E- Journal Of Chemistry, 2009, 6(1), 201-206 (Published)**
11. Syntheses and antimicrobial activityof some new N-{{(1E) [3(substituted)-1-phenyl-1H-pyrazole-4yl]methylene} isonicotino hydrazide derivatives.  
J. J. Vora, S. B. Vasava, S. K. Chauhan, **K.C.Parmar**,J. A. Patel and M.P. Brahmbhatt.  
**International Journal of Chemical Science, 7(1), 2009, 405-414. (Published)**
12. Kinetic study of Application of ZNO as a photocatalyst in Heterogeneous medium.  
J. J. Vora, S. B. Vasava, L.S.Bhutadiya, S. K. Chauhan, **K.C.Parmar** and S. S. Sharma,  
**E- Journal of Chemistry, 2009, 6(2), 531-536 (Published)**
13. Degradation Kinetics of 2,4-dinitro aniline in presenceof irradiatedsemiconducting oxide.  
J. J. Vora, S. B. Vasava, S. K. Chauhan **K.C.Parmar** and J. A. Patel  
**Int. J. of Chemical Science, 2009, 7(2), 1286-94 (published)**
14. Chemical properties of ground water in Bhiloda Taluka region.  
G. d. Acharya, A. D. Patel, K. C. Parmar, M. V. Hathi

*E- Journal Of Chemistry, 2008, 5(4), 792-796*

**(Published)**

15. Syntheses, Spectral and microbial studies of some novel schiff base derivatives of 4-methyl pyridine-2-amine.

J. J Vora and S. B. Vasava, **K. C. Parmar**, S. K. Chauhan, S. S. Sharma

*E- Journal Of Chemistry, 2009, 6(4), 1205-1210*

**(Published)**

### **Book Published**

**1. "Text book of Organic Chemistry"** for F.Y.B.Sc. Sem-I and Sem-II (Veer Narmad South Gujarat University, Surat).

Dr. Bhavesh M. Patel and **Dr. Ketan C. Parmar**

Popular Prakashan, Surat, Gujarat, India, 2014

ISBN No: 978-93-84731-03-8

**2. "Industrial Chemistry" for S.Y.B.Sc. Sem-IV-2015"**

(Veer Narmad South Gujarat University, Surat).

Dr. Bhavesh M. Patel and **Dr. Ketan C. Parmar**

Popular Prakashan, Surat, Gujarat, India

**3. "Chemistry paper-I and II as per OMR method.-2014"**

Dr. Bhavesh M. Patel and **Dr. Ketan C. Parmar**, Dr. R. T. Vashi,

Dr. B. M. Patel

Popular Prakashan, Surat, Gujarat, India

**4. "Industrial Chemistry" for S.Y.B.Sc. Sem-III-2015"**

(Veer Narmad South Gujarat University, Surat).

Dr. Bhavesh M. Patel and **Dr. Ketan C. Parmar**

Popular Prakashan, Surat, Gujarat, India

ISBN No: 978-93-84731-02-1

- 5. "Synthesis of Sulfur based Chalcon Derivatives"**  
**Dr. Ketan C Parmar**, Dr. J. J. Vora, Dr. D. M. Patel  
Scholars' Press, 2014  
ISBN NO : 978-3-639-66880-3.
- 6. "Synthesis of Heterocyclic Schiff Base Derivatives"**  
**Dr. Ketan C Parmar**, Dr. J. J. Vora, Dr. S. B. Vasava  
Lambert Academic Publication, Germany., April-2013.  
ISBN No: 978-3-659-38749-4
- 7. "Synthesis of Schiff Base of Pyrazole Aldehyde and Isoniazid Derivatives"**  
**Dr. Ketan C Parmar**, Dr. J. J. Vora, Dr. S. B. Vasava  
Lambert Academic Publication, Germany., August-2013.  
ISBN No: 978-3-659-40790-1
- 8. "Synthesis and performance studies of Anthraquinone Disperse dyes "**  
Dr. Bhavesh M Patel and **Dr. Ketan C Parmar**  
Lambert Academic Publication, Germany., August-2013.  
ISBN No: 978-3-659-44631-3
- 9. "Synthesis of Heterocyclic Schiff Base of Pyrimidine Derivatives"**  
**Dr. Ketan C Parmar**, Dr. J. J. Vora, Dr. S. B. Vasava  
Lambert Academic Publication, Germany.  
ISBN No: 978-3-659-35942-2, Oct-2013.
- 10. "Synthesis of Schiff Base of Pyrimidine Derivatives"**  
**Dr. Ketan C Parmar**, Dr. J. J. Vora, Dr. S. B. Vasava  
Lambert Academic Publication, Germany.  
ISBN No: 978-3-659-49142-9, Nov-2013.
- 11. "Corrosion of brass in nitric acid with amino acid"**  
M. B. Mahida, M. H. Metawala, Ketan C. Parmar

Lambert Academic Publication, Germany.

ISBN No: 978-3-659-14003-7, March-2014.

**12. "Study of corrosion of 60/40 brass in nitric acid-effect of dyes"**

M. B. Mahida, M. H. Metawala, Ketan C. Parmar

Lambert Academic Publication, Germany.

ISBN No: 978-3-659-58568-5, March-2014.

**13. "Study of Some Aiphatic and Aromatic Polymer"**

Sangita G. Sanadhaya and Ketan C. Parmar

Lambert Academic Publication, Germany.

ISBN No: 978-3-659-43857-8, July-2014.

**Research Project**

1. "Synthesis of various anti-tuberculosos active compounds and their derivatives"

Minor Research Project, UGC-Cell, VNSGU

Approved – 2,50000

**List of Conferences / Seminars / Workshops attended**

1. "2nd Internationa conference on Heterocyclic Chemistry", 16-19 Dec, 2006, Department of Chemistry, University of Rajasthan.
2. National Conference of 92<sup>nd</sup> Indian Science Congress Organized by Nirma University Of Science and Technology, Ahmedabad, 3-7 January, 2005.
3. Workshop on "Modern Analytical Techniques" organized at Shree S. K. Patel College of Pharmaceutical Education and Research, Ganpat Vidyanagar, Kherva, 14<sup>th</sup> and 15<sup>th</sup> September, 2006.

4. Workshop on **“Green Chemistry”** at Department of Chemistry, The Maharaja Sayajirao University of Baroda, Vadodara, 22<sup>nd</sup> September, 2006.
5. National Seminar on **“Recent Developments in Chemistry”** at Department of Chemistry, Hemchandracharya North Gujarat University, Patan, 31<sup>st</sup> January, 2006.
6. One day State Level Seminar on **“Recent Chemical Advances”** at Department of Chemistry, Hemchandracharya North Gujarat University, Patan, 9<sup>th</sup> December, 2007.
7. **“One day workshop on intellectual property rights”** , G.E.C. Patan and gujcost gandhinagar, 21 feb 2008.
8. **“Recent trends and chhalenges in dyestuff industries”**, B.K.M. Science college, valsad, 4th sept 2011.
9. **“Recent trends in chemistry”**, Dept of chemistry, Veer Narmad South Gujarat University, Surat, 27-28, March 2012.
10. **“State leval seminar on chhalenges in organic synthesis and its pharmaceutical applications”** at sir P. T Sarvajanic college of science, surat, 23rd january 2014.
11. **Two day’s Seminar on trends in modern chemistry perspectives”**, at Department of Chemistry, Hemchandracharya North Gujarat University, Patan, 20-Jan, 2007
12. **“Workshop on fundamental nano science”** at Sir P. T. Sarvajanic college of science, surat, 30th january 2014.
13. National conference on **“Innovations and recent trends in drugs discovery technique, radio-labeling and applied science research”**, at Uka Tarsadia University, Bardoli, 23-24 January 2015.

14. **“One day state level symposium on research: Writing, Publication and Analysis”**, Shree Ramkrishna Institute of Computer Science and Applied Science, Surat, 3<sup>rd</sup> October 2015.
15. **“The potential application of ionic liquid”**, Department of Chemistry, Sir P. T. Sarvajani College of Science, Surat, 28<sup>th</sup> December, 2015.
16. One day state level seminar on **“Environmental Awareness”**, Government Science College, Vankal, 19<sup>th</sup> September, 2016.
17. **“Chemistry: Meet Technological Development”**, V. S. Patel College of Arts and Science, Bilimora, 7<sup>th</sup> January, 2017.
18. One day state level workshop on **“Fundamental of Quantum Mechanics”**, Sir P. T. Sarvajani College of Science, Surat, 13<sup>th</sup> February, 2017.
19. **“Research Projects: Proposal and Grants”**, Shree Ramkrishna Institute of Computer Science and Applied Science, Surat, 15<sup>th</sup> September, 2017.
20. National Level Webinar entitled **“Intellectual Property Right”** organized by Incubation Cell & IQAC Cell, The HNSB. Ltd. Science College, Himatnagar, 7<sup>th</sup> December, 2020.
21. National webinar on **“Quality Initiative Strategy as per the Revised Methodology of NAAC”** organized by the IQAC, Sir P. T. Sarvajani College of Science, Surat on 16<sup>th</sup> October, 2020.
22. State Level Webinar on **“Structural Elucidation From Spectroscopy & Reaction Mechanism In Organic Chemistry”** organized by Department of Chemistry in collaboration with Internal Quality Assurance Cell V.S.Patel College of Arts & Science, Bilimora, Gujarat, India On 7<sup>th</sup> & 8<sup>th</sup> May 2020.

**23. Webinar “CHEMISTRY: An Ocean for Career and Commercialization”**  
Organized by Chemistry Department of Government Science College,  
Gandhinagar, Gujarat (INDIA), during 14th to 16th May 2020.

**Training Course**

- 1.** Training capability building programme of chemistry Knowledge Consortium of Gujarat, Dept. of education, Government of Gujarat. 4<sup>th</sup> to 9<sup>th</sup> June 2012.
- 2.** Training capability building programme of chemistry Knowledge Consortium of Gujarat, Dept. of education, Government of Gujarat. 11<sup>th</sup> to 16<sup>th</sup> June 2012.
- 3.** Teachers Training Capacity building Programme Knowledge Consortium of Gujarat, Dept. of education, Government of Gujarat. 20<sup>th</sup> to 25<sup>th</sup> June 2011.

**I was awarded Rajiv Gandhi National Fellowship (JRF) By University Grants Commission during my research work.**

**I have successfully completed Summer Research Fellowship Programme for Teacher-2013 at Indian Institute of Science, Bangalore organized by Indian Academy of Science.**

**I have attended 6<sup>th</sup> science conclave at Allahabad, organized by Indian Institute of Information Technology.**

**Regards,**

**(Dr. Ketan C. Parmar)**