

BIODATA



Name Dr Prakash Samnani
Designation Professor, Analytical Chemistry
Office Address Department of Chemistry, Faculty of Science
The Maharaja Sayajirao University of Baroda
Vadodara – 390002, Gujarat, India

Contact Details Ph (M): 8128884444
Ph (O): 0265-2795552
E-mail: sampbus@yahoo.com

Academic Qualifications:

Doctor of Philosophy Chemistry The Maharaja Sayajirao University of Baroda, Department of Chemistry, August 1997.
Master of Science Inorganic & Analytical Chemistry The Maharaja Sayajirao University of Baroda, Department of Chemistry, Ist class, April 1989.
Bachelor of Science Sp. Chemistry, Physics & Maths Gujarat University, Ahmedabad, Tolani College of Arts & Science, Ist class, June 1987.

Work Experience: Armour Chemicals Ltd. Ankleshwer, **R & D Chemist** (Trainee); Department of Chemistry, MSU, **Temp Lecturer**; Sun Pharmaceuticals Industries Pvt Ltd, **Research Officer** (R & D, Analytical Division), Teaching experience – 25 years.

Awards / Fellowships:

- **Project Assistant Fellowship** of UGC-DSA Special Assistance Program, May 1991 to May 1992.
- **CSIR Senior Research Fellowship** by the **CSIR** New Delhi, May 1995 to May 1996.

Research Projects:

- Principal Investigator for three completed research projects funded by DBT, CSIR and UGC.
- Research Area: Environmental Chemistry, Analytical Chemistry, Phytochemical analysis

Membership of Academic bodies:

Parent Institution: Member, Board of Studies, Department of Chemistry
Member, Board of Studies, Faculty of Science

Other Institutions: Subject Expert, Academic Advisory Board, Navrachana University
Member, Research Advisory Committee for PhD student, Nirma University
Member, Research Advisory Committee for PhD student, Navrachana University

Membership of Professional Societies:

- a. Life member – Indian **Society of Analytical Scientists** – **Baroda Chapter** (ISAS – BC). At present, **Honorary Secretary**, Executive Council, ISAS – BC.
- b. Life member – Catalysis Society of India. At present, Member – EC.
- c. Life member – Alumni Association of Chemistry Department, MSU of Baroda. At present, **Honorary Secretary**, Executive Council, Alumni Association.

Others:

- i. Editor to Journals
 - On Editorial Board of Semiannual Journal “Environment and Pollution”, Published by Canadian Center of Science and Education, Canada (www.ccsenet.org/ep)
 - On Editorial Board of “Journal of Catalysts and Catalysis” Published by STM Journals

- Associate Editor for **The International Journal of Analytical Chemistry Research**, an Open Access, Peer reviewed Journal published by Bioinfo Publications.
(<http://www.bioinfo.in/journals.php>)

ii. Reviewer for Research Articles in Journals:

- Water Quality, Exposure and Health, Published by Springer
- Biochemical Sciences, Published by OMICS Publishing group
- Analytical Letters, Published by Taylor and Francis group

Publications: Books

- P K Bhattacharya, **P B Samnani**, Threshold of Inorganic Chemistry (Reference book, Inorganic Chemistry), Himalaya Publishing House, Mumbai, 2016 (ISBN: 978-93-5202-766-8)
- **P B Samnani**, Quantitative Chemical Analysis (Book for Chemistry Practicals for BSc Students), Ria Publishing House, Anand, 2014 (ISBN: 978-81-927554-3-4)
- **P B Samnani**, *Experiments in Chemistry* (Book – as per UGC proposed syllabus for First Year B Sc students), Anmol Publications Pvt Ltd, New Delhi, 2007. (ISBN 81-261-3125-X)
- **P B Samnani**, *Chem Companion - Graduate Chemistry Practicals* (Book – for First Year B Sc students), Zenith Publications Pvt Ltd, New Delhi, 2007. (ISBN 81-904-2128-X)
- **P B Samnani**, *Teaching of Chemical Analysis* (Book – for Second Year B Sc students), APH Publishers Ltd, New Delhi, 2008. (ISBN 978-81-313-0450-1)
- **Publications: Research Papers** – Selected research papers are listed below

	Title	Journal with Vol. No., Year & Page No.
1	Optimization of Extraction Techniques SPE, QuEChERS and Ultrasound Method for Trace level Determination of Imidacloprid in Vegetables (Cabbage and Spinach) and Soil by (UFLC)	SOJ Chromatograph Sci 1(1): 6.
2	Mixed Stationary Phase for TLC: Separation of Components from Manjistha Root Extract	Current Science, 1: 9, (2016), 1516
3	Simple and Sensitive Method for Determination of Imidacloprid Residue in Soil and Water by HPLC	Bulletin of Environmental Contamination & Toxicology, 86: 5 (2011), 554
4	Preconcentration and quantitative determination of esmoprazole magnesium present in water	<i>Analytical Letters</i> , 43: 9, (2010), 1427
	A new method for Spectrophotometric determination of paracetamol	<i>Analytical Chemistry: An Indian Journal</i> , Vol 6(2), 2007
	A Simple Method For Simultaneous Determination Of Aspirin And Paracetamol In Treated Municipal Sewage Water In Vadodara	<i>Environmental Science: An Indian Journal</i> , Vol 2 (3), 2007 ,
5	Epoxidation of <i>cis</i> -cyclooctene in presence of light and metal complex as catalyst	<i>J Mol Catal A</i> , 126, L1–L4, 1997
6	Synthesis of hexa-aza macrocyclic ligand complexes of manganese(III), iron(III) and cobalt(III) and their evaluation as epoxidation catalysts	<i>Indian J Chem</i> , 36A, 1078, 1996
7	Mixed ligand complexes of chromium(III) and iron(III) : synthesis and evaluation as catalysts for oxidation of olefins	<i>J Mol Catal A: Chemical</i> , 110, 89, 1996
8	Comparison of manganese(III) schiff-base complexes with corresponding mannich-base complexes as catalysts for epoxidation of alkenes	<i>Indian J Chem</i> , 33A, 904, 1994
9	Isomerization of 5-Vinyl-8,9,10-trinorborn-2-ene catalyzed by the N,N'-Ethylenebis(salicylid-eneiminato)cobalt(II)-triethylaluminium system	<i>J Chem Res, (S)</i> 1994 , 338, <i>(M)</i> 1994 , 1868-1889