



Education Qualification:

- Ph D (Calixresorcinarenes), Gujarat University, Ahmadabad
- M.Sc. (Organic Chemistry), Gujarat University, Ahmadabad
- B.Sc. (Chemistry), Saurashtra University, Rajkot



Research Interest:

Supramolecules, Macromolecules, Calixarenes and Calixresorcinarenes



Publications:

1. Chemistry of calix[4]resorcinarene Vinod K. Jain, **Parin H. Kanaiya** Russian chemical reviews 80 (1) 75- 102, 2011
2. Synthesis, Spectral Characterization of Azo Dyes Derived from Calix[4]resorcinarene and their Application in Dyeing of Fibers, Vinod K. Jain, **Parin H. Kanaiya** and Narendar Bhojak, Fibers and Polymers, 9(6): 720-726, 2008.
3. Diazo reductive: a new approach to the synthesis of novel "upper rim" functionalized resorcin[4]arene Schiff-bases, V. K. Jain and **Parin. H. Kanaiya**, J Incl Phenom Macrocycl Chem, 62(1-2):111–115, 2008.
4. Synthesis of Calix[4]resorcinarene Based Dyes and its Application in Dyeing of Fibres, Vinod K. Jain, Shibu G. Pillai and **Parin H. Kanaiya**, E-Journal of Chemistry, 5(5): 1037-1047, 2008.
5. Solid Phase Extractive Preconcentration and Separation of Lanthanum(III) and Cerium (III) Using a Polymer Supported Chelating Calix[4]arene Resin, V. K. Jain, R. A. Pandya, S. G. Pillai, Y. K. Agrawal and **Parin. H. Kanaiya**, Journal of Analytical Chemistry, 62(2): 104-112, 2007.
6. Octafunctionalized Calix[4]resorcinarene-N-phenyl-acetohydroxamic acid for the Separation, Preconcentration and Transport Studies of Cerium (IV), Vinod K. Jain, Shibu G. Pillai and **Parin H. Kanaiya**, J. Braz. Chem. Soc., 17(7): 1316-1322, 2006.



**Dr. Parin
Kanaiya**

**Assistant Professor,
Chemistry**

School of Science



Industry Experience:

Transpek –Silox industry limited, Vadodara -25/1/2010 to 12/09/2014



Courses Taught:

Chemistry



Conference & Seminar:

Oral Presentation:

- Presented a paper (Oral) entitled “Liquid-liquid extraction and spectrophotometric determination of Cadmium (Cd) using novel Calix[4]resorcinarene Schiff-base” in the National Seminar on Emerging Trends in Supramolecular Research held at Chemistry Department, Gujarat University, Ahmedabad on 30th- 31st March, 2007.

Poster Presentation:

- Presented a paper (poster) entitled “Calix[4]resorcinarene Schiff-base[C4RSB] : a novel reagent for the liquid-liquid extraction and spectrophotometric determination of copper (Cu)” in the National Seminar on Emerging Trends in Supramolecular Research held at Chemistry Department, Gujarat University, Ahmedabad on 30th- 31st March, 2007.
- Presented a paper (poster) as a co-authored entitled “Interaction between cationic surfactants and anionic water soluble tetrasulfonatomethyl calix[4]resorcinarene in aqueous solution” in the National Seminar on Emerging Trends in Supramolecular Research held at Chemistry Department, Gujarat University, Ahmedabad on 30th- 31st March, 2007.
- Presented a paper (poster) entitled “A New Approach to the Synthesis of Novel “Upper Rim” Functionalized Calix [4] Resorcinarene Schiff-Bases” in national Seminar on Modern Trends in Supramolecular nanotechnology & Nanomedicine held at Institute of pharmacy, Nirma University of Science and Technology, Ahmedabad on 16th - 17th March, 2007.
- Presented a paper (poster) as a co-authored entitled “Synthesis, Characterization, Investigation of Absorption Spectra of various Dyes derived from Calix[4]Resorcinarene and their Application in Dyeing of Fibers” in national Seminar on Modern Trends in Supramolecular nanotechnology & Nanomedicine held at Institute of pharmacy, Nirma University of Science and Technology, Ahmedabad on 16th-17th March, 2007.



Conferences and Seminars attended:

- Attended National conference on recent trends in materials sciences (RMTS-2018) held at Department of physics, faculty of sciences, the Maharaja sayajirao University of Baroda, 24-25 March, 2018.
- Attended 1 day Course and workshop on IR and Raman Spectroscopy held at Ahmedabad Management Association (AMA) 4th February, 2008. Organized by JASCO & Swapna research Center, Ahmedabad.
- Attended 1 day Course and workshop on Surfactants & polymers held at Department of Chemistry, S. G. University, Surat on 23rd November, 2007.
- Attended 9th National Symposium in Chemistry organized by the Department of Chemistry, University of Delhi, during February 1-4, 2007.
- Attended seminars on “Recent Development in Chemical Technologies” held at Bhaikaka Bhavan, Ellisbridge, Ahmedabad, organized by The Association of Chemical Technologists (India), Ahmedabad on 7th October, 2006.
- Attended seminars on “National Symposium on Recent Trends in Nanomaterials and Photochemistry” organized by the Chemistry Department, Gujarat University, Ahmedabad on 23rd and 24th December, 2005.
- Attended seminars on “Polymer Materials : Present And Future Prospects And Fourth Polymer Foundation Award Function” Jointly Organized by Professor Sukumar Maiti Polymer Award Foundation (PSMPAF), Kolkata & Ahmedabad Textile Industry’s Research Association (ATIRA) Ahmedabad on 10th and 11th December, 2005.
- Attended seminars on “DST Workshop on Green Chemistry” organized by Institute of pharmacy, Nirma University of Science and Technology, Ahmedabad on 25th and 26th November, 2005.
- Attended 92nd Indian Science Congress held at Nirma University of Science & Technology, Ahmedabad during January 3-7, 2005
- Attended seminars on “Access to Scholarly Electronic Journals/Databases under UGC-Infonet” held at The Maharaja Sayajirao University of Baroda during 25-26 October, 2004, organized by Information and Library Network (INFLIBNET) Centre, Ahmedabad.
- Attended seminars on “National Seminar on Modern Trends in Fullerene, Calixarene and Crown Ethers” organized by the Chemistry Department, Gujarat University, Ahmedabad on 27th & 28th February, 2004.



Awards & Honors:

SENIOR RESEARCH FELLOW (S.R.F.) in CSIR RESEARCH SCHEME under the title of “Calix[4]resorcinarene and its Derivatives: An Emerging Class of Receptors for Ions/Organic analytes in Supramolecular Chemistry”.



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