

List of Presentations

1. **“Study of mixed mesomorphism in binary systems of azo mesogens with non mesogenic as well as mesogenic compounds”** presented at 17th National Conference on “Liquid Crystals”, **15th – 17th November, 2010** at Department of chemistry, Veer Narmad South Gujarat University, Surat. (Poster Presentation).
2. **“Synthesis and mesomorphic characteristics of terminally di-substituted mesogens”** presented at XXV Gujarat Science Congress, Theme : Chemistry in the Service of Society, **26-27th February 2011** at Gujarat Science City, Ahmedabad. (Oral Presentation).
3. **“Synthesis of Cinnamate-Azo Liquid Crystals with Terminal Methyl group and their Mesomorphic Characterization”** presented at Regional Science Congress on Science for Shaping the Future of India, **15-16th September, 2012** at The Maharaja Sayajirao University of Baroda, Vadodara. (Oral Presentation).

Conferences (attended)

1. Conference **XXIV Gujarat Science Congress 2010, 21st March, 2010**, attended at Gujarat University, Ahmedabad.
2. **Sixth All Gujarat Research Scholars Meet (AGRSM - VI), 31st January, 2010**, attended at Department of Chemistry, Faculty of Science, The M. S. University of Baroda, Vadodara.
3. National conference on **Advances in Polymer Science & Nanotechnology: Design and Structure (PSNDS-11), 16-17th December, 2011**, attended at Applied Chemistry Department, Faculty of technology and Engineering, The M. S. University of Baroda, Vadodara.

Workshop

1. A one day workshop on **Basics of Intellectual Property Rights with Special Focus on Patents, Trademarks and Copyrights, 1st February, 2013**, attended at Applied Chemistry Department, Faculty of technology and Engineering, The M. S. University of Baroda, Vadodara.

Research Publications

1. **Synthesis of Liquid Crystals with Lateral Methyl Group and Study of Their Mesomorphic Properties,**
Jayrang S. Dave* and Himanshu S. Bhatt, *Molecular Crystals and Liquid Crystals*
(Taylor & Francis), Vol. 562, pp. 1-9, (2012).
2. **Synthesis of Liquid Crystals with Lateral Substituents in Central and Terminal Benzene Cores and Their Mesomorphic Characterization,**
Himanshu S. Bhatt, Purvang D. Patel and Jayrang S. Dave* *Molecular Crystals and Liquid Crystals*.
(Taylor & Francis), Vol. 575, pp. 104-111, (2013).
3. **Study of Mixed Mesomorphism in Binary Systems of Azo-Ester Mesogens with Structurally Dissimilar Non-mesogenic as well as Mesogenic Ester Homologues,**
Himanshu S. Bhatt, Purvang D. Patel and Jayrang S. Dave*, *Molecular Crystals and Liquid Crystals*
(Taylor & Francis), Vol. 587, pp. 80-91, (2013).
4. **Study of Mixed Mesomorphism in Binary Systems of Chiral dopant With Structurally different Non-mesogenic As Well As Mesogenic components.**
Himanshu S. Bhatt and Jayrang S. Dave *
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pp. 65-86, 2014. (ISSN : 0025-0422)