

Publications-Sriram Kanvah Gundimeda

Peer Reviewed Publications

46. Beena Kumari, Amit Singh, Palash Jana, Mithun Radhakrishna and S Kanvah* White Light Emission in Water through Admixtures of Donor- π -Acceptor Siblings: Experiment and Simulation (New J Chem 2019, 10.1039/C9NJ02389E)
45. Palash Jana, Nishaben Patel, Tarushyam Mukherjee, Virupakshi Soppina and S Kanvah*, Push-Pull Michler's Ketone derivatives: Selective binding to Serum Albumins (New J Chem 2019 10.1039/C9NJ01972C)
44. Beena Kumari, Surya Pratap Singh, Santosh, Subhas Ghosal, Arnab Dutta, Sairam Mallajosyula and S Kanvah* Branching Effect on Triphenylamine-CF₃ cyanostyrenes- Enhanced Emission and Aggregation: An experimental and DFT study: New J Chem 2019, 43, 4106 – 4115.
43. Beena Kumari and S Kanvah*, Stilbene Stilbene Shining Bright: Optoelectronic properties of cyanostilbenes (Invited Article: *Indian J Chem. Section B- Org. Chem-* 2019).
42. Palash Jana, Nishaben Patel, Virupakshi Soppina and S Kanvah* Cationic Red-Emitting Probes for the Rapid and Selective Detection of SO₂ Derivatives in Aqueous and Cellular Environment New J Chem 2019, 43, 584-592
41. Beena Kumari, Sushree S. P. Pany, Akanksha Yadav, Pradeep Kumar P. I*, and S Kanvah* Naphthyl Pyridinium Styrene: A Light up Probe for Antiparallel G-Quadruplex. *J. Photochem. Photobiol. Biol.* 2019, 190, 128-136.
40. Beena Kumari, Arnab Dutta and Sriram Kanvah*, Emission and Color Tuning of Styryltriphenylamines and White Light Emission 2018, *ACS Omega*, 3, 17376-17385 (Article Featured in ACS- Insights Jan 2019)
39. Jagadish Katla, Akshay J Nair, Abhijit Ojha, Krishnan Rangan and S Kanvah* Photophysical studies of pyrenyl cyanostyrenes: effect of trifluoromethyl substitution on gelation, *New J Chem.* 2018, 42, 18297 – 18304.
38. J. Katla, B. Hazra, M. Verma, P. Veerabhadraiah, S. Nagaraju, M. Chandra* and S. Kanvah*, Donor-Acceptor Styrylisoxazoles: Solvatochromism and Large First Hyperpolarizability, *ChemistrySelect*, 2018, 3, 7416– 7421,
37. Anuji K Vasu, Raman Khorana, Jyotirmayee Mohanty and S Kanvah*, pH-Responsive Molecular Assemblies of Pyridylbutadiene Derivative with Cucurbit[7]uril. *RSC Advances*, 2018, 8, 16738-16745.
36. Palash, J., M. Radhakrishna, S. Khatua, S. Kanvah*. A "Turn-Off" Red-emitting Fluorophore for Nanomolar Detection of Heparin *Phys Chem Chem Phys*, 2018, 20, 13263-13270.
35. J. Katla, A. Nair, A. Ojha, and S. Kanvah*, Organogel Composed of Trifluoromethyl Anthryl Cyanostyrenes: Enhanced Emission and Self-Assemblies, *Photochem Photobiol Sci* 2018,17, 395-403
34. J. Katla and S. Kanvah*, Styrylisoxazole-based fluorescent probes for the detection of hydrogen sulfide, *Photochem. Photobiol. Sci.* 2018,17, 42-50..
33. Anuji K Vasu, Mithun Radhakrishna and S. Kanvah* Self-assembly Tuning of α -Cyanostilbene Fluorogens: Aggregates to Nanostructures, *J. Phys Chem C*, 2017, 21, 22478-22486
32. AK Vasu, S Kanvah*, Red-emitting cationic fluorophore as a probe for anionic surfactants, *Dyes Pigments* 2017, 142, 230-236.
31. J. Katla, H. R. Bhat, P. C. Jha, P. S. Ghalsasi and S. Kanvah*; α -Cyanostyrenes with Pyrene Scaffold: Unique Emission through Aggregation *Chemistry Select* 2017, 2 1902 – 1910.
30. A. K. Vasu, P. Mahalingavelar and S. Kanvah*; Carbohydrate tethered cyanostilbene fluorogen: unique emission and preferential protein binding *ChemistrySelect*, 2017, 2, 405-414.
29. A Singh, V Palakollu, A Pandey, S Kanvah* and S Sharma*; Green synthesis of 1, 4-benzodiazepines over La₂O₃ and La(OH)₃ catalysts: possibility of Langmuir–Hinshelwood adsorption *RSC Advances*, 2016, 6, 103455-103462.
28. P. Mahalingavelar and S. Kanvah*; Rational Tuning of AIEE Active Coumarin Based α -Cyanostilbenes Towards Far-Red/NIR Region Using Different π -Spacer and Acceptor Units *J. Phys. Chem. C.*, 2016, **126** 10757-10769.
27. V Palakollu, AK Vasu, V Thiruvengatam and S Kanvah*; A sensitive AIEE probe for amphiphilic compounds *New J. Chem.*, 2016, 40, 4588.
26. A. K Vasu, J. Katla, N. I. Malek and S. Kanvah*; Influence of imidazolium ionic liquids on fluorescence of push-pull diphenylbutadienes *J. Photochem. Photobiol. A: Chem.* 2016, 321, 55-62.

25. H. Agnihotri, P. Mahalingavelar, V. Palakollu and S. Kanvah*; Photoisomerization of Trans Ortho-, Meta-, Para-Nitro Diarylbutadienes: A Case of Regioselectivity *Photochem. Photobiol.*, 2015, 91 1324-1331.
24. H. Agnihotri, V. Palakollu, A. K Vasu and S. Kanvah*: Neutral and cationic pyridylbutadienes: solvatochromism and fluorescence response with sodium cholate *Photochem. Photobiol. Sci.*, 2015, 14 2159-2167.
23. H. Agnihotri, P. Mahalingavelar, H. Mande, P. Ghalsasi, S. Kanvah*: Amino substituted 4-pyridylbutadienes: Synthesis and fluorescence investigations *Dyes Pigments*, 2015, 123, 341–348.
22. V. Palakollu and S. Kanvah*. Cholesterol-tethered AIEE fluorogens: formation of self-assembled nanostructures *RSC Advances*, 2015, 5 33049-33057.
21. S Nagaraju, N Satyanarayana, B Paplall, AK Vasu, S Kanvah, D Kashinath*, Synthesis of functionalized isoxazole–oxindole hybrids via on water, catalyst free vinylogous Henry and 1, 6-Michael addition reactions *RSC Advances* 5 (2014) 81768-81773.
20. P. Banoth, S. Nagaraju, V. Palakollu, S. Kanvah, B. V. Kumar and K. Dhurke* Synthesis of functionalized 1, 2, 3-triazoles using Bi₂WO₆ nanoparticles as efficient and reusable heterogeneous catalyst in aqueous medium *RSC Advances* 2015, 5, 57842-57846.
19. V. Palakollu and S. Kanvah*. α -Cyanostilbene based fluorophores: aggregation-induced enhanced emission, solvatochromism and the pH effect *New J. Chem.* 2014, 38, 5736-5746.
18. H. Agnihotri, V. Palakollu, and S. Kanvah*. Selective photoisomerization of methyl substituted nitro diphenylbutadienes *J. Photochem. Photobiol. A: Chem.* 2014, 293, 40-49.
17. V. Palakollu and S. Kanvah*. Diphenylpolyene-cholesterol conjugates as fluorescent probes for microheterogeneous media *J. Photochem. Photobiol. A: Chem.* 2014, 281, 18-26.
16. B. P. Gangwar, V. Palakollu, A. Singh, S. Kanvah* and S. Sharma*. Combustion synthesized La₂O₃ and La(OH)₃: recyclable catalytic activity towards Knoevenagel and Hantzsch reactions *RSC Advances* 2014, 98 55407-55416.
15. P. Banoth; S. Nagaraju, V. Palakollu; S. Kodam, S. Kanvah, B. V. Kumar and K. Dhurke*, Recyclable Bi₂WO₆-nanoparticle mediated one-pot multicomponent reactions in aqueous medium at room temperature *RSC Advances* 2014, 97, 54168-54174.
14. C. E. Redwood, S. Kanvah, Ramakrishna S. and J. Saltiel* Bicycle pedal photoisomerization of 1-phenyl-4-(4-pyridyl)-1, 3-butadienes in glassy isopentane at 77 K *Photochem. Photobiol. Sci.*, 2013, 12, 1754-1760.
13. S. Kanvah* and G. B Schuster, Effect of positively charged backbone groups on radical cation migration and reaction in duplex DNA *Canadian J. Chem.*, 2011, 89, 326- 330.
12. S. Kanvah and G. B Schuster*. One-electron oxidation of DNA: thymine versus guanine reactivity *Org & Biomol. Chem.* 2010, 8, 1340-1343.
11. S. Kanvah, J. Joseph and G. B. Schuster*, R. N. Barnett, C. L. Cleveland and U. Landman, Oxidation of DNA: damage to nucleobases *Acc. Chem. Res.* 2010, 43, 280–287.
10. S. Kanvah and G. B Schuster, Oxidative damage to DNA: Inhibition of guanine damage *Pure and Appl. Chem.* 2006, 78, 2297-2304.
9. S. Kanvah and G. B. Schuster* The sacrificial role of easily oxidizable sites in the protection of DNA from damage *Nucl. Acids Res.* 2005, 33, 5133-8.
8. S. Kanvah and G. B. Schuster*. One-electron oxidation of DNA: The effect of replacement of cytosine with 5-methylcytosine on long-distance radical cation transport and reaction *J. Am. Chem. Soc.* 2004, 126, 7341-7344.
7. R. N. Barnett, C. L. Cleveland, U. Landman, E. Boone, S. Kanvah; G. B. Schuster*, Effect of base sequence and hydration on the electronic and hole transport properties of duplex DNA: Theory and experiment *J. Phys. Chem. A* 2003, 107, 3525-3537.
6. S. Kanvah and G. B Schuster* Long-range oxidative damage to DNA: protection of guanines by a nonspecifically bound disulfide *J. Am. Chem. Soc.* 2002, 124, 11268-11287.
5. A.K. Singh* and S. Kanvah Photophysical studies of substituted 1, 2-diarylethenes: twisted intramolecular charge transfer fluorescence in dimethoxycyano-substituted 1, 2-diarylethene *J. Chem. Soc. Perkin Trans-II* (2001) 395- 401.
4. A. K. Singh* and S. Kanvah A fluorescence emission study of nitro-and nitromethyl-substituted 1, 4-diarylbutadienes in solid state *Ind. J. Chem., Sect B. 40B* (2001) 965-973.

3. A. K. Singh*, D. Manjula, S. Kanvah. α,ω -Diphenylpolyenes Capable of Exhibiting Twisted Intramolecular Charge Transfer Fluorescence: A Fluorescence and Fluorescence Probe Study of Nitro- and Nitrocyano-Substituted 1,4-Diphenylbutadienes **J. Phys. Chem.** **104** (2000) 464-471.
2. A. K. Singh* and S. Kanvah Effect of microheterogeneous media on the fluorescence and fluorescence probe properties of donor-acceptor diarylbutadienes **New J. Chem.** **24** (2000) 639-646.
1. A. K. Singh*, D. Manjula, S. Kanvah. Twisted intramolecular charge transfer fluorescence in nitro-substituted α, ω -diphenylpolyene compounds **New J. Chem.** **23** (1999) 1075-1079.

Reports in Technical Bulletin

1. Veerabhadraiah Palakollu, Jagadish Katla and Sriram Kanvah*, Donor-Acceptor substituted Styryl Derivatives: Application as Fluorescence Probes, *Israps Bulletin*, VOI 30/1-2; Jan 2018, Pages 58-65. (A publication of Indian Society for Radiation and Photochemical Sciences)
2. S. Kanvah and G. B. Schuster* (2006), Oxidative damage in DNA: Inhibition of guanine damage. *ISRAPS bulletin*. 18 (1 and 2), 25-28.

Conference Presentations/ Posters

1. Tarushyam Mukherjee, Virupakshi Soppina and Sriram Kanvah*, Design, Synthesis And Optical Characterization Of Single Fluorophore Targeting Different Sub-Cellular Regions, National Symposium on Radiation and Photochemistry (NSRP)-2019, Shantinikethan 7-9 Feb 2019. (**Best Poster & Cash Award**).
2. Beena Kumari and Sriram Kanvah, α -Cyanostilbenes with Triphenylamine Donor: Aggregation-Induced Emission, Tunable Emission and Organogels. 4th AIEE Conference, Adelaide Australia 21-26 Jan 2019. (**Best Poster Award**)
3. Bajaj, Megha; Kumari, Beena and Kanvah, Sriram, "Synthesis and optical properties of π -conjugated chromophores based on naphthalene scaffold", in the National Conference on Applied Materials Science, Central University of Gujarat, Gandhinagar, IN, Apr. 6-7, 2018.
4. Singh, Surya Pratap; Kumari, Beena and Kanvah, Sriram, "Branching effect On the absorption and emission properties of Triphenylamine based Cyanostilbene derivatives", in the National Conference on Applied Materials Science , Central University of Gujarat, Gandhinagar, IN, Apr. 6-7, 2018. (**Best Poster Award**)
5. Palash Jana, Mithun Radhakrishna, Saumyakanti Khatua, Sriram Kanvah* A "turn off" red-emitting fluorophore for nanomolar detection of heparin (Poster Presentation_ PP11): Page-76, National Conference on "Convergence of Pharmaceutical Sciences & Biomedical Technology (CPSBT)- 2018 21st-23rd March 2018; NIPER Ahmedabad (**Best Poster Award**)
6. Beena Kumari, Sushree S P Pany, Pradeepkumar P. I and Sriram Kanvah, Biocompatible NIR Fluorophore as Preferential G4 DNA Stabilizer, IITGN-JAIST Materials Science Conference, 5-6 March 2018, Japan, (Poster Presentation)
7. Surya Pratap Singh , Kumari Beena Singh and Sriram Kanvah, Branching Effect on The Absorption and Emission Properties of Triphenylamine Based Cyanostilbene Derivatives, National Conference in Chemistry- 2018, IIT Gandhinagar.4th and 5th Jan 2018. (**Best Poster Award**)
8. Jagadish Katla and Sriram Kanvah, Styrylisoazole based Fluorescent Probes for the Detection of Hydrogen Sulfide, National Conference in Chemistry- 2018, IIT Gandhinagar.4th and 5th Jan 2018.
9. Palash Jana, Nilotpal Barooah, Jyotirmayee Mohanty, and Sriram Kanvah: Supramolecular Interaction of Red-emitting coumarin dye with cucurbit[7]uril; PC-59, Poster Presentation, 14th DAE-BRNS Trombay Symposium on Radiation and Photochemistry (TSRP-2018) 3-7 Jan 2018.
10. Beena Kumari, Sushree S P Pany, Pradeepkumar P. I and Sriram Kanvah, Biocompatible Naphthyl Derivatives as Preferential Stabilizer of Quadruplex DNA, Faraday Discussions Meet, Jan 11-13. 2018 IISER Thiruvanthapuram, Kerala. (Oral Presentation and **Best Poster Award**)
11. Jagadish Katla, Akshay J M Nair and Sriram Kanvah, Trifluoromethyl Anthrylciano Styrenes: Formation of Fibrillar Self-Assemblies, 8th East Asia Symposium, Sep 20-22, 2017, Thiruvanthapuram, Kerala, India

12. Jagadish Katla, Akshay J M Nair and Sriram Kanvah "Trifluoromethyl substituted Cyanostyrenes: Fluorescent Organogel Fibrillar Self-Assemblies", 21st CRSI National Symposium in Chemistry (CRSI NSC 21), Indian Institute of Chemical Technology, Hyderabad, in, Jul. 14-16, 2017.
13. Kumari, Beena; Kotha, Srinu and Kanvah, Sriram, "Synthesis and photo-responsive behavior of triphenylamine containing styryl chromophores", in the 2nd National Conference on New Frontiers in Chemistry-from Fundamentals to Applications-II (NFCFA2017), BITS Pilani, Goa, IN, Jan. 28-29, 2017.
14. Mukherjee, Tarushyam; K. V., Anuji and Kanvah, Sriram, "Synthesis and Self assemblies of cholesterol conjugated stilbenes", in the 2nd National Conference on New Frontiers in Chemistry-from Fundamentals to Applications-II (NFCFA2017), BITS Pilani, Goa, IN, Jan. 28-29, 2017.
15. Srinu Kotha and Sriram Kanvah, Design, synthesis and Photo responsive behavior of Donor-Acceptor Styryl derivatives, National Conference in Chemistry, Dec 8th and 9th 2016. IIT Gandhinagar (**Best Poster Award**)
16. Beena Kumari, Sriram Kanvah and Vijay Thiruvencatam In-Silico Design of StyrylCoumarins as Acetylcholine Esterase Inhibitors National Conference in Chemistry, Dec 8th and 9th 2016. (IIT Gandhinagar)
17. V. Palakollu, A. K. Vasu and Sriram Kanvah*; Aggregation-Induced Enhanced Emission of α -cyanostilbene: A Tool for Probing Amphiphilic Compounds. RSC West India Section Meeting of Research Scholars-2016, 19th March, 2016, Gujarat Forensic Sciences University, Gandhinagar, Gujarat Poster Presentation (**Best Poster picked for Oral presentation**) & Oral presentation
18. A. K Vasu, Beena Kumari and Sriram Kanvah*, Selective and sensitive sensor for anionic surfactants RSC West India Section Meeting of Research Scholars-2016, 19th March,2016, Gujarat Forensic Sciences University, Gandhinagar, Gujarat
19. J. Katla and Sriram Kanvah*, Pyrene based Fluorescent Probes, RSC West India Section Meeting of Research Scholars-2016, 19th March,2016, Gujarat Forensic Sciences University, Gandhinagar-382007, Gujarat
20. Paramasivam, Mahalingavelar and Kanvah, Sriram, "Influence of π -spacers and acceptors in Far-red/NIR AIEE active coumarin based α -cyanostilbenes: a combined experimental and DFT study", in the 13th DAE-BRNS Biennial (TSRP- 2016) & 6th Asia Pacific Symposium on Radiation Chemistry (APSRC-2016), Bhabha Atomic Research Centre, Mumbai, IN,
21. Katla, Jagdish Kumar and Kanvah, Sriram, "Pyrene based fluorescent probes", in the New Frontiers in Chemistry-From Fundamentals to Applications (NFCFA), Birla Institute of Technology and Science, Goa, IN, Dec. 18-19, 2015.
22. AK Vasu, V Palakollu, S Kanvah Aggregation-induced enhanced emission of α -cyanostilbene: a tool for probing amphiphilic compounds. Malaviya National Institute of Technology Jaipur, IN, Aug. 21-23, 2015. (**Best Poster Award**)
23. P. Mahlingavelar, A. K Vasu and S. Kanvah* Water Soluble AIE luminogen: A Fluorescent Probe for protein binding, Mid Year CRSI, 2015, July 25-27.
24. A. K Vasu and S. Kanvah* Effect of ionic liquids on fluorescence properties of push-pull substituted diphenylbutadienes (CRSI, 2015, Feb 1-4, 2015)
25. V. Palakollu, A. K. Vasu and S. Kanvah, Analyte dependent aggregation of α - cyanostilbene: utility as aqueous media probe", in 8th Asian Photochemistry Conference, Trivandrum, IN, Nov 10-13, 2014, Poster no. 119. (**Best Poster Award**)
26. V. Palakollu and S. Kanvah; Synthesis and Membrane Responsive Properties of Fluorescent Cholesterol Analogues; International Conference in Photochemistry 2013, Belgium; 21st July to 26th July; Klueven Belgium. Abstract No: 337
27. J. Katla and S. Kanvah* Effect of Ionic Liquid Media on Fluorescence of Donor-Acceptor Substituted Diphenylpolyenes; [Oral], NSRAC-2013, Pondicherry Central University, March 22-23, 2013.
28. H. Agnihotri, V. Palakollu and S. Kanvah Methyl Effect on Photoisomerization of Nitro-substituted Diphenylbutadienes Emerging Trends in Chemical Sciences” 14th-15th March, 2013; School of Chemical Sciences, Central University of Gujarat, Gandhinagar Spot Registration (Poster)
29. J. Katla and S. Kanvah* Fluorescence Investigations of Diphenylbutadiene Derivatives in Ionic Liquid Media; FICS-2012, Dec 2012; IIT Guwahati.

30. Veerabhadraiah Palakollu and Sriram Kanvah Effect of Substitution on Fluorescence and Photoisomerization of Diphenylbutadiene Derivatives *Frontiers in Chemical Sciences*; IIT Guwahati Dec 2nd – Dec 3rd 2012; Abstract No. 72 (**Best Poster Award**)
31. Veerabhadraiah Palakollu, Jagadish Katla, Sriram Kanvah*; Excited state behavior of donor/acceptor substituted diphenylbutadienes: Effect of Nitro group. 14th CRSI, 2011, Trivandrum.

Invited Lectures

1. Styryltriphenylamines: Emission tuning and White light emission, Feb 12th-14th 2019,, Indian Institute of Science Bangalore, MRSI AGM and Symposium
2. Styrylpyridinium dyes as fluorescence probes, Feb 6th-9th 2019, National Symposium on Radiation and Photochemistry (NSRP)-2019, ISERC Viswabharati, Shantiniketan, WestBengal.
3. Fluorescent chemical tools for biology: MSU University, Baroda, 29th October 2018
4. Design of Fluorescent Chemical Tools for Biological or Organic Electronic Applications: MRSI "Frontiers in Chemical Biology, June 26-28, 2018, NEIST, Jorhat, Assam
5. Stimuli-Responsive Push-Pull Diarylethylenes: Intramolecular Charge Transfer and Application as Fluorescent Probes, JAIST, 5-6 March 2018.
6. Donor-Acceptor π -Conjugated Molecular Systems: Utility as Fluorescence Probes, St. Xaviers College, Ahmedabad, National Seminar on Recent Advances and Future Trends in Chemical Sciences-2018, 17th February 2018.
7. Fluorescence of α -Cyanostilbenes: Synthesis and investigations of Self-assemblies, Karnatak University, Dharwad, 11th Oct 2017.
8. Drug Development: A harmony between chemistry and biology, Karnatak University, Dharwad 11th Oct 2017
9. Fluorescence of α -Cyanostilbenes: Aggregates and Self-Assemblies, 20-22 Sep 2017, East Asia Symposium on Functional Organic Materials, NIIST Thiruvananthapuram
10. Fluorescent π -conjugated substrates: a story of aggregates and self-assemblies; National Symposium on Radiation and Photochemistry-2017; 2-4 March 2017; Manipal University, Manipal, Karnataka, India
11. Fluorescence of α -Cyanostilbenes: Aggregates and Self-assemblies; Department of Chemistry, Indian Institute of Technology Hyderabad; 23rd Feb 2017
12. Fluorescence of α -Cyanostilbenes: Aggregates and Self-assemblies; Department of Chemistry, Birla Institute of Technology Pilani-Hyderabad Campus; 21st Feb 2017.
13. Application of Spectroscopic techniques in Organic Chemistry; SV NIT Surat: 23rd Dec 2016.
14. Fluorescent π -conjugated Substrates A story of aggregates and Self Assemblies; SVNIT Surat; 23rd Dec 2016
15. Our Tryst with AIEE: Sensing, Self-Assemblies and Nanostructures: The frontiers of chemical sciences and potential interfaces (fcspi-2015); 10-11 April, 2015; Central University of Gandhinagar, Gandhinagar, Gujarat
16. Fluorescent π -conjugated Substrates as Aqueous Media Probes (UGC Sponsored One day seminars); 14th Feb 2015, Department of Biochemistry; Saurashtra University, Rajkot.
17. A simple molecule and a simple story: Golden Jubilee Celebrations (chemistry), IIT Bombay, 16-17 October 2014.
18. A talk on Nanotechnology and Genetic Engineering, 26th Nov 2012, DST Inspire Workshop, Saurashtra University, Rajkot.

Outreach

1. Expert member to discuss teacher training activities: NCERT New Delhi, Dec 2018
2. Jury Member for Shodh: An event at Ganpat Univeristy, Mehsana on 26th and 27th October 2018
3. Performed Science Experiments for KV-Teachers in services training program in IIT Gandhinagar, 5th June 2018.
4. National Evaluation Committee member for 25th National Children's Science Congress 2017, Ahmedabad Gujarat.
5. Nobel Prize 2017 Outreach Lecture at Science City, Ahmedabad Sunday, 10th December 2017

6. A lecture on Fun of Teaching: Orientation Training programme for Secondary School's Teachers in Maths and Science; 15th- 17th April, 2017 & 18th to 20th April, 2017 at Gujarat Science City, Ahmedabad
7. Coordinated teacher training program for over 1000 teachers in the past two years at IIT Gandhinagar
8. Chemistry Fun, An experiment demo for students of 1st Year B.Tech at IIT Gandhinagar as part of the unique foundation program.
9. Chemistry Fun, an experiment demo for students of Kendriya Vidyalaya Students, KV No3, Chiloda
10. Chemistry Magic, Diapers to Diwali: An experimental demo for school teachers at IIT Gandhinagar, (Feb 2-4th 2017 and Jan 2-4 2017).
11. Magic of Chemistry: An experimental demo for school students at Vikram Sarabhai Community Science Center, 28th Feb 2017.