Publications-Sriram Kanvah Gundimeda

Peer Reviewed Publications

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.

Reports in Technical Bulletin


Conference Presentations/ Posters

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)
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)


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 Thiruvenkatam 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 (APSRCS-2016), Bhabha Atomic Research Centre, Mumbai, IN,


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)


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


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)


**Invited Lectures**

1. Styryltriphenylamines: Emission tuning and White light emission, Feb 12th-14th 2019., Indian Institute of Science Bangalore, MRSI AGM and Symposium
3. Fluorescent chemical tools for biology: MSU University, Baroda, 29th October 2018
8. Drug Development: A harmony between chemistry and biology, Karnataka University, Dharwad 11th Oct 2017
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
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.
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.
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