

Dr. Kaki Soujanya



Designation: Associate Professor

Qualification: M.Sc., M.Phil., Ph.D.

Experience: 12 Years

Specialization: Analytical and
Physical Chemistry

Date of Joining: 13/08/2009

Phone Numbers: +91-9989 179 819

Email-Id: soujanya.kaki@cmrcet.org

Achievements/Publications/Workshops/Seminar/Guest Lectures

Publication

1. Soujanya Kaki, Dr. Ramachandran Dittakavi, M.Radha Siriya, N.Gayathri Devi, M.G.Sankar: *Acoustic, Volumetric and Viscometric Studies of Binary Liquid Mixtures of p-Chloroacetophenone with N-Alkanols at Different Temperatures*, Chemical Science Transactions, DOI:10.7598/cst2018.1442, ISSN:2278-3458
2. Soujanya Kaki, Dr. Ramachandran Dittakavi: *Studying Various Thermodynamic Properties Of Binary Mixture Of Ethyl Acetate With Ethanol At 303.15k And 313.15k* Journal of Engineering and Applied Sciences Medwell journals(Accepted Manuscript)

3. Soujanya Kaki, Dr. Ramachandran Dittakavi: *Estimating Various Thermodynamic and Excess Thermodynamic Properties of Binary Mixture of Ethyl Acetate with n-Propanol at 303.15K and 313.15K*, International Journal for Research in Applied Science & Engineering Technology, Volume 5, Issue VII, July 2017
4. Soujanya Kaki, K Kranthi Raj, Dr. Ramachandran Dittakavi: *Identification and synthesis of 4-([1,1'-biphenyl]-4-yl)-2-amino-5-oxo-5,6,7,8-tetrahydro-4H-chromene-3-carbonitrile and (Z)-3-methyl-4-((5-nitro-1H-indol-3-yl)methylene)-1-phenyl-1H-pyrazol-5(4H)-one as novel Staphylococcus aureus sortase A inhibitors*, International Journal of Chemical & Pharmaceutical Analysis
5. Soujanya Kaki, K. Kranthi Raj, Dr. Ramachandran Dittakavi: *Docking, Synthesis, and Anti-Bacterial Evaluation of 1-(1H-indol-3-yl)-2-(pyrrolidin-1-yl) ethane-1,2-dione and 1-(1H-indol-3-yl)-2-morpholinoethane-1,2-dione*, International Journal of Drug Design and Discovery Volume 6 Issue 2 April – June 2015. 1441-1445
6. Soujanya Kaki, Dr. Ramachandran Dittakavi: *Design, synthesis, in-vitro and in-silico evaluation of novel Indole based molecules as potential Staphylococcus aureus Sortase A inhibitors*, Elsevier Editorial System(tm) for Chemical Data Collections (Accepted Manuscript)
7. Soujanya Kaki, K. Kranthi Raj, Dr. Ramachandran Dittakavi: *QSAR Studies on the (1,3-Thiazol-2-Yl)-1,3-Thiazole-4-Carboxamide Derivatives to Enhance Activity of Methionine Aminopeptidase Inhibitors*, International Journal of Drug Design and Discovery Volume 6 Issue 2 April – June 2015. 1446-1455
8. Soujanya Kaki, N.Venkateswara Rao, Dr. Ramachandran Dittakavi: *UV- Spectrometric Assay Method Development And Validation of Gemfibrozil in bulk and tablet formulation* Bulletin of Pharmaceutical

and Medical Sciences (BOPAMS) Vol.3.Issue.4., 2015 (Oct-Dec.) E-ISSN 2341-4103

9. Soujanya Kaki , Dr. Ramachandran Dittakavi ,K. Geetha Bhavani, N.Srinivasu: *Development and Validation of RP-LC Method for Curcumin in Pharmaceutical Formulations*, American Journal of Pharmtech Research, Am.J.Pharm Tech Res.2015;5(5) ISSN:2249-3387
10. Soujanya Kaki (Supervision of Dr. Ramachandran Dittakavi), Mohan Rao Abburi, Mekonen Aregai, Divya Jyothi Munagala: *An Efficient Incentive Of Nitrate And Fluoride On Organic Highland Cropping System*, IOSR Journal of Applied Chemistry (IOSR-JAC), 5(2013) 18-22
11. Soujanya Kaki (Supervision of Dr. Ramachandran Dittakavi), Mohan Rao Abburi, Kinethebeb Belay, Divya Jyothi Munagala, Alemayehu Dubale, Osman Ahmed: *Diminution of Concentration of Fluorides by Bio adsorption using Cordia Africana in the waste waters around Aksum*, An International Journal of Chemical, Biological and Physical Sciences, 2 (2012) 1067-1072
12. Soujanya Kaki Mohan Rao Abburi, Kinethebeb Belay, Divya Jyothi Munagala, Hari Krishna Rama Prasad Saripalli: *The Path Of Descending Of Concentration Of Fluorides By Bio-Adsorption Using Biomasses In The Waste Waters Around Aksum*. IJIIT VOL 1 ISSUE 1 - APR 2012

Workshops

1. Participated in the *104th Indian Science Congress* held at Tirupathi from Jan 3rd-7th, 2017

2. Soujanya Kaki: *An Efficient Incentive Of Nitrate And Fluoride On Organic Highland Cropping System* National Conference on Emerging Trends In Chemical Research(NCETCR 2012), conducted by GITAM University, Visakhapatnam, AP, India 2012
3. Soujanya Kaki, Dr. D. RamaChandran: *Evaluation Of Some Excess Thermodynamic Properties In Some Binary Mixtures At Different Temperatures* Modern Trends In Mathematical And Physical Sciences 2012, National Seminar Sponsored By UGC, Krishna University Nuzvid, AP, India, 2012
4. Soujanya Kaki, Dr. D. RamaChandran: *Interaction Studies Of Ethyl Acetate With Some Normal Alcohols At Different Temperature*, National Seminar on Chemistry-Our Life, Our Future (CLF-2011), Krishna University Nuzvid, AP, India, 2011
5. Soujanya Kaki: *A Workshop On Faculty Orientation In Engineering Chemistry*, Workshop conducted by VNR Vignana Jyothi Institute Of Engineering & Technology Bachupally Hyderabad AP, India, 2010
6. Soujanya Kaki: *A Workshop On Engineering Chemistry*, Workshop conducted by Institute Of Science Technology JNTU, Hyderabad, AP, India 2009
7. Soujanya Kaki: *Faculty Development Programming On Engineering Chemistry FDP* conducted by CMR CET, Medchal, Hyderabad, AP, India, 2010
8. Soujanya Kaki, Dr. D. RamaChandran: *Trends in Nanotechnology*, National Seminar Sponsored By UGC, Dharma AppaRao College Nuzvid, AP, India, 10-11,Dec-2009