

RESEARCH COLLABORATIONS

The department is actively involved in inter departmental and inter institutional research activities and the outcomes of such research work are published as research publications. The collaborations with the industry and academic institutions are utilised to train the PG and Ph D scholars and to update their knowledge in the field of pharmaceutical analysis.

OUTCOME

- Four Research Publications in collaboration with IICT, Hyderabad & IPC, New Delhi
- Three faculty trained at Shimadzu , Singapore office for LC-MS
- Collaborations with various pharmaceutical industries for the industrial visit and internship of PG students

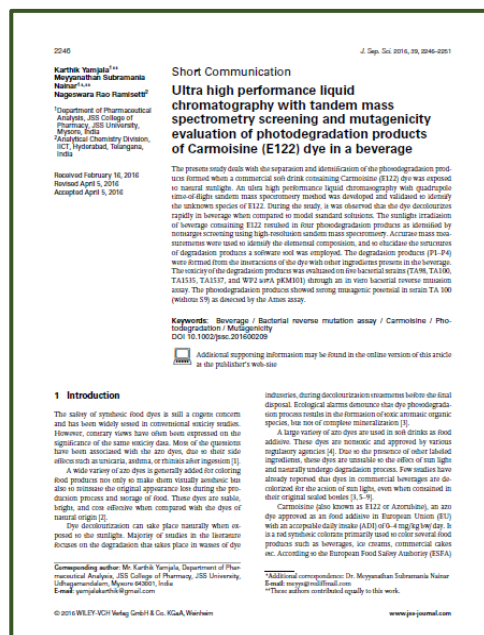
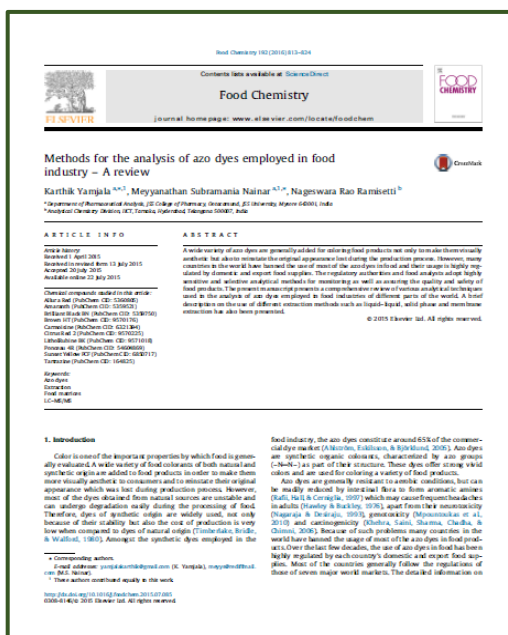
Research Publications:

IICT, Hyderabad

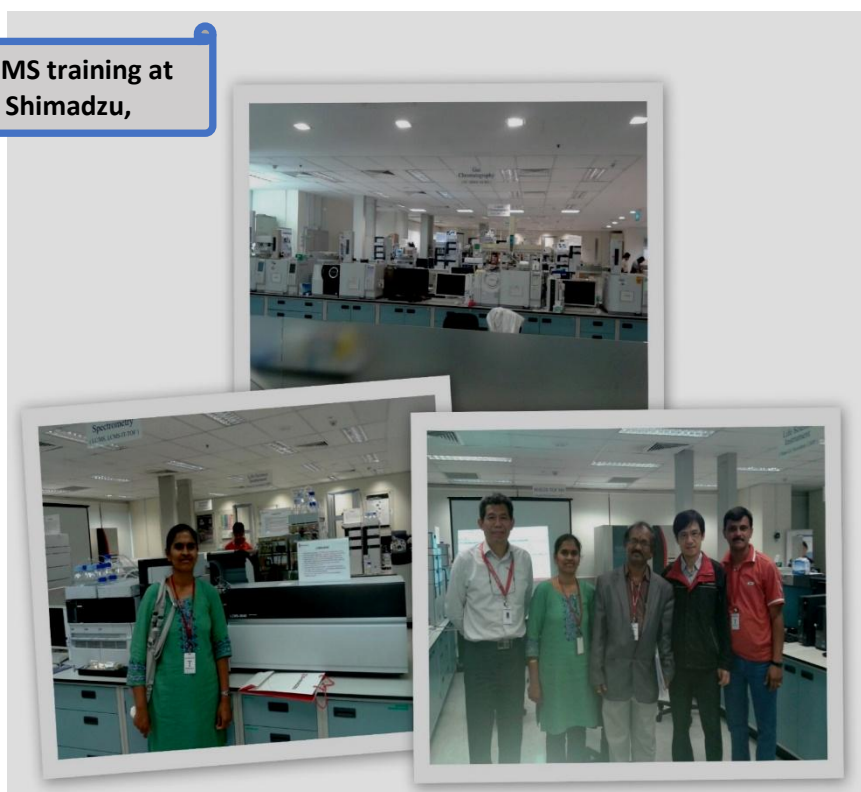
- Karthik Yamjala., Meyyanathan Subramania Nainar, Nageshwara Rao Ramishetty. “Ultra-performance liquid chromatography with tandem mass spectroscopy screening and mutagenicity evaluation of photo degradation products of carmoisine (E122) dye in a beverage”. Journal of Separation Science, 2016, 192, 813-824.
- Karthik Yamjala., Meyyanathan Subramania Nainar, Nageshwara Rao Ramishetty. “Methods for the analysis of azo dyes employed in food industry – A review”. Food Chemistry, 2016, 192, 813 – 824.

Indian Pharmacopoeial commission, New Delhi

- RinchiBora,S. T. Narendaran, B. Babu, S. N. Meyyanathan ,Abel Jacob George & M. Kalaivani : Sensitive Analytical Liquid Chromatography-Tandem Mass Spectroscopy Method for the Estimation of Dexlansoprazole in Pharmaceutical Formulations. Journal of Applied Pharmaceutical Science, 2018, 8(7), 033-036.
- RamshankarNayak, Narendaran. S. T, LingamalluVenkata Sai Krishna, Meyyanathan SN, Babu B, Kalaivani. Analytical method development and validation for the determination of Riociguat in theirformulations by LC-MS/MS. Journal of Global Pharma Technology. 2018, 10(12), 19 – 23.



LC-MS training at Shimadzu,



INDUSTRY COLLABORATIONS

The department collaborates with various industries for organising the industrial visits and industrial training for the PG & Ph D Scholars.

- Dr. Reddy's Laboratories, Hyderabad and Vizag.
- Caplin Point Laboratories Limited, Pondicherry
- Shrideep Laboratories, Bangalore
- Vimta Laboratories, Hyderabad
- Mylan Laboratories, Hyderabad
- Dexin pharma Pvt Limited, Pondicherry
- Cipla Limited, Bangalore
- Karnataka Antibiotics, Bangalore