
Details of the 2 Day Conference:

Day 1 – 30th January 2014 (Thursday)

8.00-9.00 hrs  Registration

Session 1:  9.00 – 10.30 hrs  Inauguration

9.00-9.45  Inauguration & Address by the Chief Guest

9.45-10.30  Key note address – Prof. M. M. Sharma, Former Director, Institute of Chemical Technology, Mumbai, India

10.30-10.45  Tea Break / Networking Session

Session 2:  10.45 -13.00 hrs  Novel Methods Directed to Process Chemistry & Development


Dr. Katsuya Tagami, Executive Director, API Research Japan, Eisai, Japan

11.15-11.45  “Challenges in Process Chemistry”

Dr. Rajamannar Thennati, R&D, Sun Pharma Advanced Research Company Limited, Vadodara, India

11.45-12.15  “Asymmetric Reactions Using Bifunctional Hydrogen-Bond-Donor Catalysts”

Prof. Yoshiji Takemoto, Graduate School of Pharmaceutical Sciences, Kyoto University, Japan

12.15-12.45  “Sonocrystallization as a Method to Control the Crystal Size Distribution and Morphology”

Prof. Aniruddha B. Pandit, Department of Chemical Engineering, Institute of Chemical Technology, Mumbai, India

13.00-14.00  Lunch break
Session 3: 14.00-14.45 hrs Novel Methods Directed to Process Chemistry & Development

14.00-14.45 “Application of PAT in Design, Development and Scale up of Crystallisation Process”
Dr. Sudhir Nambiar, MD, Astra Zeneca India Pvt. Ltd., Bangalore, India

14.45-15.00 Tea Break / Networking Session

Session 4: 15.00-17.00 hrs Novel Methods Directed to Process Chemistry & Development

15.00-15.30 “Development of Enantioselective Reactions Catalyzed by Chiral Phosphoric Acid”
Prof. Takahiko Akiyama, Department of Chemistry, Gakushuin University, Japan

15.30-16.00 “Development of Specific Functional Group-directed Practical Hydrogenation Methods Using Heterogeneous Catalysts”
Prof. Hironao Sajiki, Gifu Pharmaceutical University, Japan

Dr. Masahiko Seki, Senior Research Manager, Process R&D Department, Healthcare Business Division II, API Corporation, Japan

16.30-17.00 “New Trends in Agrochemical Process Research and Development”
Dr. Birja Shanker, Vice President R&D, United Phosphorus Limited, Thane, India

17.00-17.30 Concluding Remarks

17.30-18.30 Tea Break / Networking Session

Session 5: 19.00-22.00 hrs Conference Dinner & Lecture

19.00-19.30 Conference Dinner Lecture by Mr. Kiyoshi Asako, Consul General of Japan, Mumbai

19.30-22.00 Conference Dinner
Day 2 – 31st January 2014 (Friday)

8.00-9.00 Tea/Coffee

Session 6: 9.00-11.15 hrs Process Research, Development & Scale up

9.00-9.30 “Practical Approach to Prepare Neurokinin Receptor Antagonist CS-003 via Asymmetric Oxidation Reactions”

Dr. Hiroshi Tomori, Senior Director, Process Technology Research Laboratories, Pharmaceutical Technology Division, Daiichi Sankyo, Japan

9.30-10.00 “Catalytic Oxidations”

Dr. Mrs. Lakshmi Kantam, Director, IICT, Hyderabad, India

10.00-10.30 “Development of Highly Active Catalyst for Alcohol Oxidation”

Mr. Masami Kozawa, Synthesis Research Department, Chemical Research Laboratories, Nissan Chemical Industries, Ltd., Japan

10.30-11.00 “Research and Development of Amino Acids Derivatives”

Dr. Toshihisa Kato, Corporate Vice President, Ajinomoto, Japan

11.15-11.30 Tea Break / Networking Session

Session 7: 11.30-13.00 hrs Chemical Engineering Topics Related to Process Chemistry R&D

11.30-12.00 “Process Development for the Large Scale Production of Unnatural Amino Acids”

Dr. Masaru Mitsuda, Distinguished Scientist, Head of Research Team, Fine Chemicals Group, QOL Division, Kaneka Corporation, Japan

12.00-12.30 “Process Development and Scale up of Generic API’s and New Chemical Entities”

Dr. Vilas Dahanukar, Vice President & Head Global R&D, Dr. Reddy’s Laboratories Ltd., Hyderabad, India.

12.30-13.00 “Concept to Commercialization of New Process Chemistry: Engineering Aspects”

Dr. S. Siva Kumar , Dr. Utpal Vakil, SABIC Technology Center, Bangalore, India

13.00-14.00 Lunch Break
Session 8: 14.00-14.45 hrs  Chemical Engineering Topics Related to Process Chemistry R&D

14.00-14.45  “Process Intensification / Continuous Processes for Fine and Specialty Chemicals”

Dr. Vivek Ranade, Deputy director, Chemical Engineering and Process Development Division, National Chemical Laboratory, Pune, India

14.45-15.00  Tea Break / Networking Session

Session 9: 15.00-17.00 hrs  Process Safety / Product Safety

15.00-15.30  “Relevance of Process & Product Safety in Process Chemistry R&D”

Mr. Vijay Bhujle, Head Expert Services, Intertek India Pvt. Ltd, Mumbai, India

Session 10: 15.30-17.00 hrs  Green Processes & Including Bioenergy

15.30-16.00  “A New Ether Process Solvent: Cyclopentyl Methyl Ether (CPME) for Green Chemistry and Process Innovation”

Mr. Mitsuru Sugawara, Senior Chief Researcher, New Materials Development Laboratory, Research & Development Center, ZEON CORPORATION, Japan

16.00-16.30  “Advanced Bio Energy Research - Indian Initiatives”

Dr. D. K. Tuli, Executive Director R&D, IOC, Faridabad, India

16.30-17.00  Concluding Remarks & Vote of Thanks

17.00-18.00 hrs  Way Forward for an Indian Chapter (By invitation only)