

Workshop on Environment, Health & Safety (EHS)

Date: 17th October'2019 (Thursday)

Expected Participants: Vice President-EHS, Head/GM-EHS. EHS Experts, CETPs Members, etc

Expected No. of Participants: 75+

- Objectives:**
1. To share global environmental realities, changing regulatory landscape & relevance of EHS in today's business scenario.
 2. To share context, framework, initiatives & best practices in the domain of EHS.
 3. To share importance of Process Safety & possibility to achieve inherent safety using Green Chemistry.
 4. To share successful case studies & introduce new innovative solution providers in the domain of EHS.

Timing	Speaker, Designation, Company	Topics	Context & Content/Comments
9:00 am - 9:30 am	Green ChemisTree Foundation Representatives	Welcome, Acknowledgement, Creating Context for IGCW2019, Launching IGCW App	
9:30 am - 10:15 am	Dr. Johannes Benkhoff, Sr. Vice President - Group Chemical Research, Clariant Produkte (Deutschland) GmbH, Germany	Day II Inaugural Keynote Address (Main Auditorium): Going green in chemistry – the Clariant innovation journey	Global trends in environment & sustainability, changing regulatory dynamics for chemical industry, expectations of MNCs from their supply chain, Clariant's initiatives & case study in Green Chemistry & Sustainability.
10:15 am - 11:00 am	Tea/Coffee Networking Break, Visiting IGCW Expo. After break, move to Seminar Halls for parallel sessions.		
11:00 am - 11:10 am	Welcome & Introduction to "Workshop on Environment, Health & Safety (EHS)" by Dr. Sandip Roy, Associate Professor, Dept. of Chemical Engineering, IIT-Bombay, India		
11:10 am - 11:40 am	Mr. Harish Verma, Vice President & Global Head - EHS, Cipla Ltd., India	Key-Note: EHS Management System through Best Practices at Cipla Limited	Setting context for EHS, its importance, Local & global trends in EHS, Best practices, tools and techniques used for Environment, Health & Safety
11:40 am - 12:10 pm	Mr. Sushil Kharkwal, Sr. Vice President - EHS, PI Industries Ltd., India		Sharing Commitment, initiatives, best practices & tools in EHS
12:10 pm - 12:40 pm	Mr. Vijaya Sarathy, Manager EHS, West Pharmaceutical Services, India	Zero Accident Vision - A pathway to Positive Safety Culture	Initiatives and global best practices in EHS, Introducing Pharma Supply Chain Initiative (PSCI)
12:40 pm - 2:00 pm	Lunch Break, Visiting IGCW Expo		
2:00 pm - 2:30 pm	Dr. David Constable, Science Director, ACS- Green Chemistry Institute, USA	Sustainable Chemistry is Safer Chemistry – Linking Inherent Safety and Green Chemistry for more Sustainable Chemistry Outcomes	Inherent safety using Green Chemistry

2:30 pm - 3:00 pm	Mr. Siddalingesha, Director, Indian Process Safety Centre, India	Basis of Safety	An approach that encourages designer to attempt to eliminate or reduce hazard at each stage rather than accept existence of hazards & design safety system to control those hazards.
3:00 pm - 3:30 pm	Mr. D. K. Rana, Director, Heubach Colours Pvt. Ltd., India	Environment Management & Sustainability - Heubach Case Study	Best practices, tools, successful case studies of innovative/conventional ideas to achieve EHS goals.
3:30 pm - 4:15 pm	Tea/Coffee Break, Visiting IGCW Expo		
4:15 pm - 4:45 pm	Dr. Chuck Orella, Director Chemical Engineering R&D, Merck & Co. Inc., USA	Improved Containment Journey for Powder Handling in a Pharmaceutical Pilot Plant	Sharing insights & learnings on containment of solids in an API Pilot Plant
	Presentations by 3 Solution Providers		
4:45 pm - 5:00 pm	Prof. Sandip Roy, Professor, Dept. of Chemical Engineering, IIT-B, India	Process Safety Management: The Question of Culture	Basic idea of organizational safety culture, possibility of assessing & enhancing it so as to improve safety performance & reduce organizational losses
5:00 pm - 5:15 pm	Mr. Philip Krook, Communications Officer, Chemsec, Sweden	Finding safer alternatives to hazardous chemicals on ChemSec's Marketplace	Introducing Marketplace, access to safer alternatives for hazardous chemicals
5:15 pm - 5:30 pm	Mr. Vikram Dhumal, Chief Technologist, Geist Research Pvt. Ltd., India	Wealth Out Of Waste - A sustainable solution for waste management	Solutions to generate Wealth out of Waste, recovery of by-products from effluent streams
5:30 pm - 6:00 pm	Tea/Coffee Break, Visiting IGCW Expo		
6:00 pm - 6:30 pm	IGCW2019 Completion Ceremony		

Industry Mentor:

IIT Mentor:

Dr. Sandip Roy, Associate Professor, Dept. of Chemical Engineering, IIT-B, India

Potential Speakers: