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औषध विभाग
Department of
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Andhra Pradesh
Pollution Control Board



Green Chemistry & Engineering Pharma Week on

“Green Chemistry & Engineering enabling
greater business value for an environmentally
responsible Pharma supply chain”

20th - 24th February 2017

Photo Report

Day-1 Conference Sponsor :



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Green Chemistry Research
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Organisation of Pharmaceutical Producers of India



Bulk Drug Manufacturers Association (India)

Cause Partners :



Two-day Conference & Exhibition on Green Chemistry & Engineering enabling greater business value for an environmentally responsible pharma supply chain on 20th - 21st February 2017 at The Gateway Hotel, Beach Road, Visakhapatnam



The Conference was Inaugurated by

Dr. A Ravi Shankar, Director General, Drugs Administration Control, Govt. of Andhra Pradesh; Mr. Bhaskar Rao, Zonal Officer- Visakhapatnam, Andhra Pradesh Pollution Control Board; Dr. David Constable, Director, ACS- Green Chemistry Institute; Dr. Juan Colberg, Sr. Director Technology & Green Chemistry Leader, Pfizer Inc.; Steve Meszaros, Past Chair, Pharmaceutical Supply Chain Initiative; & Mr. Nitesh Mehta, Co-founder & Director, Green ChemisTree Foundation



The Conference received encouraging participation from over 165 senior representatives of Pharma API Industry across two days.



Keynote Talk - Green Chemistry & Engineering enabling greater business value for an environmentally responsible Pharma supply chain by David Constable, Ph.D., Director, ACS-Green Chemistry Institute (ACS-GCI)



Green Chemistry Initiatives of the ACS-GCI Pharmaceutical Roundtable by Juan Colberg, Ph.D., Sr. Director Technology & Green Chemistry Leader, Pfizer Inc.



Implementing a Green Chemistry programme by Ingrid Mergelsberg, Ph.D., Director, Process Chemistry, MSD



Green Chemistry Case Study by Rajappa Vaidyanathan, Ph.D., Group Director-Chemical, Synthetic and Analytical Development, Bristol-Myers Squibb



Scalable green chemistry - Case studies in API manufacturing by K. J. Satyanarayana, Ph.D., Chief Research Scientist - Chemical R&D, Hospira, A Pfizer Co.



General PSCI Overview by Steven Meszaros, Senior Director of Business Resilience and Business Development, Pfizer Inc. Past Chair of PSCI

Panel discussion on Green Chemistry in supply chain - expectations of MNCs, opportunities and challenges



Moderators : David Constable & Nitesh Mehta
Panellists : Juan Colberg, Ravi Raghvan, Ingrid Mergelsberg, Birgit Skuballa & Vilas Dahanukar



Keynote Talk - Sustainable investing in emerging markets by
 Sasja Beslik, Head of Sustainable Finance, Nordea Wealth Management



Successful case studies - PSCI Principles by
 Shelly Shope, CIH, HSE Advisor - Elanco Animal Health,
 Eli Lilly and Company



Using the PSCI tools to self-assess your operations by
 Birgit Skuballa, Ph.D., Head of HSE Management Systems &
 Audits, Bayer AG



Innovation Drives Green Growth by
Praveen Gosain, Regional Director - India, S.E Asia & Australia,
Corning India Pvt. Ltd.



Green Solutions for Pharmaceutical Industry by
Shirish Paranjpe, Manager - Marketing Support,
Godavari Biorefineries Ltd.



ACD Labs for Greener Chemistry by
K. K. Bhagchandani, Senior Director - Asia & Pacific Business,
ACD Labs



Creating value from Waste Water by
Vikram Dhumal, Head Technology, Geist Research Pvt. Ltd.



Co-processing solution for environmentally sound management of wastes by
Ulhas Parilkar, Director, Geocycle India at ACC Limited

Eight companies & Research Institute participated in the Exhibition as Solution Providers



Advanced Enzymes Technologies Ltd.



Corning Technologies Ltd.



Geist Research Ltd.



Geocycle India



Godavari Biorefineries Ltd.



CSIR-Indian Institute of Chemical Technology (CSIR-IICT) & Green Chemistry Research Partner for the Conference



Newreka Green Synth Technologies Pvt. Ltd.



Praj Industries Ltd.



Tree plantation certificates in their honour



Networking & interaction with Speakers



**Pharma CEO / Leadership Roundtable Meeting on
Green Chemistry & Engineering enabling greater business value for an
environmentally responsible Pharma supply chain
on 22nd February 2017 at Hotel AVASA, Hyderabad, India**



Welcome by Partners & Organisers (L to R) by

Dr. David Constable, Director, ACS-Green Chemistry Institute, Sri. Jayant Tagore, President, BDMA, Sri. Ravi Uday Bhaskar, Director General, PHARMEXCIL, Nitesh Mehta, Co-founder & Director, Green ChemisTree Foundation, Stevan Meszaros, Sr. Director Business Development & Business Resilience, Pfizer Inc. & Past Chair, Pharmaceutical Supply Chain Initiative (PSCI), & Dr. Juan Colberg, Sr. Director Technology & Green Chemistry Leader, Pfizer Inc. & Past Co-Chair Green Chemistry Pharmaceutical Roundtable (GCIPR)



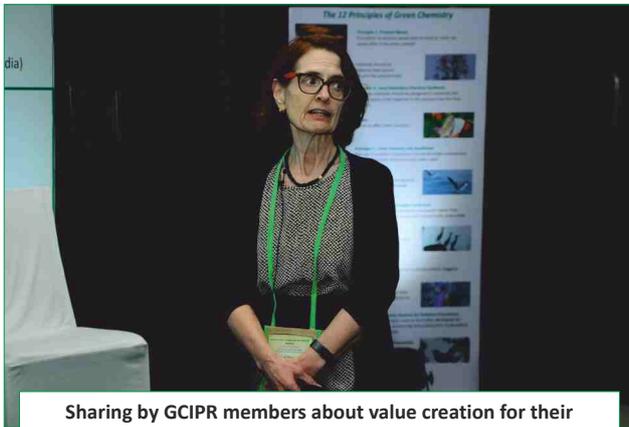
Keynote Talk : Future of Pharma Industry & Value Addition through Green Chemistry & Engineering
by David Constable, Ph.D., Director, ACS-Green Chemistry Institute



Special address by
Sasja Beslik, Head of Sustainable Finance, Nordea Wealth Management



The Roundtable Meeting was attended by over 40 CXOs and leaders of Pharma Industry



Sharing by GCIPR members about value creation for their organization by
 Ingrid Mergelsberg, Ph.D., Director, Process Chemistry,
 Merck & Co., Inc. / MSD



Overview of ACS-GCI Pharmaceutical Roundtable by
 Juan Colberg, Ph.D., Sr. Director Technology and Green
 Chemistry Leader, Pfizer

Roundtable discussion on "Possibilities of engagement with GCIPR & PSCI in future."

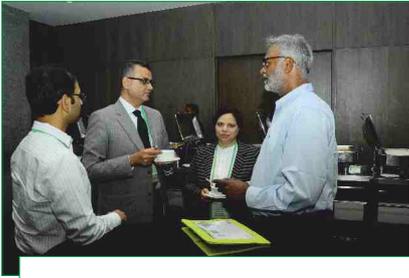


Sharing of experiences, concerns by Industry leaders and exploring collaborative approach for driving GC&E implementation

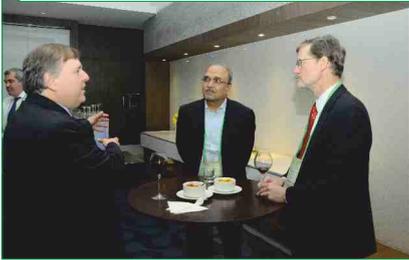


Tree plantation certificates in their honour





Networking & interactions with GCIPR & PSCI delegation



One-to-One Meetings

on 23rd - 24th February 2017 at Hotel AVASA, Hyderabad, India



One-to-One Meetings with Green Chemistry & Engineering delegation from (GCIPR & PSCI)

11 Indian Pharma companies participated in the One-to-One Meetings



Suven Life Sciences Ltd.



Neuland Laboratories Limited



Laurus Labs Ltd.



Hetero Drugs Ltd.



DSM Sinochem Pharmaceuticals India Pvt. Ltd.



Dr. Reddy's Laboratories