



SUSTAINABILITY & DIGITALIZATION ROADMAP FOR CHEMICAL INDUSTRY



1st February 2022 & 2nd February 2022

ONLINE EVENT

TIME	DAY 1
SESSION 1 (INAUGURATION)	
09:30 AM – 09:40 AM	Welcome remarks by Dr. Srinivas Oruganti, DRILS Welcome remarks by Mr. Rajesh Parishwad, RSC
09:40 AM – 09:50 AM	Opening remarks by Dr. Ajit Rangnekar, RICH (Patron)
09:50 AM – 10:00 AM	Opening remarks by Prof. Goverdhan Mehta, UoH (Patron)
10:00 AM – 10:10 AM	Opening remarks by Shri G. V. Prasad, Dr. Reddy's Laboratories (Patron)
10:10 AM – 10:30 AM	Address by Chief Guest Shri. Jayesh Ranjan, IAS Principal Secretary of the Industries & Commerce (I&C) and Information Technology (IT) Departments, Government of Telangana State
10:30 AM – 10:45 AM	Session Break
SESSION 2 (THEME – DIGITALIZATION)	
10:45 AM – 10:50 AM	Address by Session Chair – Dr. Rashmi Pimpale
10:50 AM – 11:30 AM	Dr. Mohan Uttarwar <small>INDX.AI, USA</small> Digitalization: Making a positive Impact on Human Health
11:30 AM – 12:10 PM	Dr. Rajgopal Srinivasan <small>TCS, India</small> Digitization, Drug Discovery, Design and Engineering
12:10 PM – 12:50 PM	Mr. Saurabh Biswas <small>Dr. Reddy's, India</small> Digital Product Development in Pharma - Boosting innovation depth and speed through digital transformation
12:50 PM – 01:30 PM	Prof. Jayant Kumar Singh <small>IIT Kanpur, India</small> Digital and Automated Molecular Design Engineering
01:30 PM – 01:40 PM	Remarks by Session Chair
01:40 PM – 02:10 PM	LUNCH BREAK
SESSION 3 (THEME – SUSTAINABILITY)	
02:10 PM – 02:50 PM	Dr. S. Venkata Mohan <small>CSIR-IICT, India</small> Sustainability embedded design consideration for Chemical Industry 4.0
02:50 PM – 03:30 PM	Mr. Sauri Gudlavalleti <small>SAI Lifesciences, India</small> Digitalization in Chemistry R&D and Manufacturing
03:30 PM – 03:35 PM	Session Break
03:35 PM – 04:15 PM	Prof. Stephen Hilton <small>UCL, UK</small> Advancing Digital Laboratories via the use of 3D Printing and Virtual Reality for Continuous Flow Synthesis
04:15 PM – 04:55 PM	Dr. Jaichander Swaminathan <small>IIT Gandhinagar, India</small> Sustainable and energy-efficient industrial effluents management
04:55 PM – 05:00 PM	Remarks by Session Chair



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TIME	DAY 2	
09:30 AM – 09:35 AM	Welcome Address to Day 2	
SESSION 1		
09:35 AM – 09:55 AM	Dr. Aravind Chinchure Deshpande Startups, India Innovation in the Digital Age	Session Chair Dr. Jayant Khandare (Actorius, Pune)
09:55 AM – 10:15 AM	Prof. Ashwini Nangia University of Hyderabad, India Flow chemistry and process intensification	
10:15 AM – 11:30 AM	Emerging Technologies in Sustainability and Digitalization: Showcase (A special session for startups) <ul style="list-style-type: none"> - Atrimed Bio-Tech - Next Big Innovation Labs - VNIR Biotechnologies - GaloreTx Pharmaceuticals - Kcat Enzymatic - Neodx Biotech Labs 	
11:30 AM – 11:45 AM	Session Break	
SESSION 2		
11:45 AM - 12:05 PM	Dr. Premnath Venugopalan NCL, India Nurturing CleanTech and DigiTech Startups: Lessons from Venture Center	Session Chair Dr. Jayant Khandare (Actorius, Pune)
12:05 PM – 01:30 PM	[Continuation] Emerging Technologies in Sustainability and Digitalization: Showcase (A special session for startups) <ul style="list-style-type: none"> - Noble Exchange - Ahammune Biosciences - Divish Mobility - Cygenica - Blackfrog technologies - Prescience Insilico - Breathe India 	
01:30 PM - 02:00 PM	LUNCH BREAK	
SESSION 3		
02:00 PM – 02:20 PM	Dr. Anant R. Kapdi ISCC, India Update on International Sustainability Chemistry Council	Session Chair Mr. Rajesh Parishwad (RSC)
02:20 PM – 03:00 PM	Dr. Deirdre Black RSC, UK Science, sustainability & digitisation	
03:00 PM – 03:15 PM	Industry – Academia Survey by RSC	Dr. Ashis Mukherjee (RSC) Dr. Swetavalli Raghavan (Scientists & Co)
03:15 PM Onwards	CLOSING REMARKS & VOTE OF THANKS	