



ICC

Two-day Refresher Course on

**PHARMA & SPECIALITY CHEMICAL
INDUSTRY**1-2 September 2017 at Centrum, 1st Floor, Centre – 1, World Trade Centre, Mumbai**PROGRAM****DAY ONE : FRIDAY, 1 SEPTEMBER 2017****09.30 a.m.- 10.00 a.m. REGISTRATION****INAUGURAL SESSION**

10.00 a.m.- 10.15 a.m.	Welcome & Inauguration by: Mr. S. R. Lohokare , Chairman, Technology & Energy Expert Committee, ICC
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10.15 a.m. - 10.45 a.m. TEA BREAK**SESSION I : DISTILLATIONS & DRYING**

10.45 a.m. - 12.00noon.	Excursion to Basics in Distillation Continuous Distillation & Batch Distillation	Dr. V. V. Mahajani Member, Technology & Energy Expert Committee
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12.00noon - 01.00 p.m.	Other Types of Distillation – Azeotropic, Adsorptive, Membrane Extractive Distillation & Reactive Distillation	Dr. V. V. Mahajani Member, Technology & Energy Expert Committee
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01.00 p.m.- 01.45 p.m. LUNCH

01.45 p.m.- 02.45 p.m.	Impact of Thermal Stability during Distillations including Case Studies	Mr. V. V. Bhujle Sr. Vice President – Technical Cibatech Mumbai
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02.45 p.m.- 03.15 p.m. TEA BREAK

03.15 p.m.- 04.30 p.m.	Mixing Simulation for better Scaleup	Mr. D. Malviya Vice President, Visimix Ltd.
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04.30 p.m.- 05.30 p.m.	Selection & Classification of Industrial Driers including Case Studies	Mr. Sunil Waje UPL Ltd.
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DAY TWO : SATURDAY, 2 SEPTEMBER 2017**SESSION I : CRYSTALLIZATIONS, MEMBRANE SEPARATIONS &
CHEMICAL PROCESSES RELATED TOPIC**

09.30 a.m.- 10.45 a.m.	Tower Internals	Dr. V. V. Mahajani Member, Technology & Energy Expert Committee
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10.45 a.m.- 11.15 a.m. TEA BREAK

11.15 a.m.- 12.30 p.m.	How Crystallization affects Filtration in Pharmaceutical Product?	Mr. R. R. Vithal Dr. Reddy's Laboratories Ltd.
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12.30 p.m.- 01.30 p.m.	Development of Chemical Processes Safety Studies Prior to scale-up	Mr. R. R. Vithal Dr. Reddy's Laboratories Ltd.
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01.30 p.m.- 02.30 p.m. LUNCH

02.30 p.m.- 03.00 p.m.	Membrane Technology for Novel Separations including Industrial Examples	Dr. Bhibash Chakravorty Managing Director Genesis Membrane Sepratech Ltd.
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03.00 p.m.- 03.30 p.m. TEA BREAK

03.30 p.m.- 04.30 p.m.	Analytical Tools for in-process Checks for Industrial Chemical Processes with Case Studies	Dr. Subroto Das Director, Purnima Analytical, Mumbai
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04.30 p.m.-04.45 p.m. Questions & Answers Session

04.45 p.m. – 05.00 p.m. SUMMING UP & PRESENTATION OF CERTIFICATES**05.00 p.m. – 05.05 p.m. Vote of Thanks - Mr. H. S. Karangle**, Director General, ICC