



HOPE Foundation's
Finolex Academy of Management & Technology,
Ratnagiri
Department of Chemical Engineering

Webinar
On
Applications of Dynamic Simulations in Digital Chemical Processing Industries

The Department of Chemical Engineering organized a Webinar on 'Applications of Dynamic Simulations in Digital Chemical Processing Industries' on 31st July 2021 for third and final year students. The resource person for the webinar was **Mr V. Raman**, Promoter and the Chief Executive Officer of SIM INFOSYSTEMS PVT LTD. SIM INFOSYSTEMS PVT LTD is a leading Engineering Consultancy company specialized in providing simulation products and Engineering services to the Process & Power industries and academic institutes worldwide. The resource person introduced and demonstrated the ProSimulator simulation package to the students during the webinar.

The webinar was coordinated by Prof. A. K. Bandsode, Head Department of Chemical Engineering and Mr Raghuraman of SIM INFOSYSTEMS PVT LTD. The webinar was attended by all faculty of the Department of Chemical Engineering.

Meet - tmg-kpni-hxc
meet.google.com/tmg-kpni-hxc
REC Vaidyanathan Raman is presenting
Simulator for CPI July21.pdf - Adobe Acrobat Pro
SIMULATOR MODELING APPROACH
LUMPED, Parametric model based on First Principle:
-Heat Balance
-Mass Balance
-Reaction kinetics
-Momentum Balance
-Phase equilibrium (VLE)
-Plant design data.
-Instrumentation
-ESD / Trip logics
✓ These equations are solved numerically on every cycle giving all plant parameters like Flow, Temperature, Pressure, Level & Composition
✓ These parameters are displayed in the Operator/Instructor stations at real time
✓ All DCS features required for Operations are simulated
✓ All external parameters & disturbances are invoked by Instructor
4:28 PM | tmg-kpni-hxc
Type here to search
26°C Light rain
16:28
31-07-2021

Mr V. Raman delivering the talk

