

IPUATC is glad to organize a webinar on **Alternative Blowing Agent** by **Dr. Sudipto Chakraborty** from Honeywell 22nd May 2020, 3.00 pm India time

In view of phase-out of HCFC 141 B, the webinar will describe about Honeywells offering of alternative blowing agents such as Enovate® 3000 and Solstice® -zd Polyurethane (PU) panels or Insulated Metal Panels (IMP) are being increasingly used as structural insulation for walls and roofing in developing countries including India. Applications for IMP's include cold stores, cold chains, reefer trucks, green buildings and other areas which necessitated improved insulation performance along with necessary structural rigidity. As a result, industry is searching for blowing agent solutions for their products that provide maximum energy efficiency performance and minimum environmental impact, as sustainability and green concerns become larger factor in the business decision.

HCFC 141B was being used as the blowing agent in the majority of the polyurethane foam markets in developing countries. As the low global warming potential initiative emerges in developed countries and the HCFC phase-out in developing countries approaches, manufacturers' interest in the next generation, low global warming potential (LGWP) blowing agents is growing worldwide.

Honeywell Enovate® 3000 (245fa) and Solstice® -zd (LBA) are two such offerings which provides users with insulation values for other HCFC 141b alternatives. Moreover, due to the superior properties the formulation of panel pours can be tuned to reduce cycle time and increased productivity for the end users.

About the speaker:

Dr. Sudipto Chakraborty



Sudipto leads the Advanced Material Group at Honeywell India Technology Center. His group specializes in development and application of fluorinated molecules, Composites and Polymers. He holds a doctoral degree in Chemical Engineering from Illinois Institute of Technology, Chicago and his research was on polymers and material science. Sudipto was a post doctor and research faculty at School of Medicine, University of Baltimore conducting research on DNA sequencing and human genome. He is a certified Six Sigma green belt and holds 15 publications. He also has US patents on development of a polymeric membrane.



Kindly Register for the webinar by just sending a mail to
snehalata@ipuatc.com by **21st May 12 pm.**