

Atul is involved in the development of training curriculum for industry personnel as well as regulators to bring technological awareness about CM. Part of the expert working group (EWG) for drafting the ICH Q13 guideline for CM, he collaborates with external stakeholders to carry out scientific research in various aspects of PCM.

After earning his PhD degree in Mechanical Engineering, Atul carried out research in pharmaceutical manufacturing processes using modeling and simulation to understand and optimize unit operations such as continuous mixing, granulation and pan coating. He has authored several journal articles and book chapters in the domain. After his stint at the C-SOPS (Rutgers University) he moved to India where he worked as a consultant to pharmaceutical companies, as well as a Sr. Scientist in the Aditya Birla Group. His interest in academic research includes applied R&D towards development of new standards for CM, knowledge exchange and providing relevant training and consulting.