



Short Course on Surface Area and Porous Material Characterisation

In association with PGRL, Department of Chemical Engineering @ IIT Kanpur
9th Oct 2023 | 10:00 – 16:30 Hours

📍 Outreach Auditorium, IIT Kanpur, Uttar Pradesh

About this course:

This full day course will cover a range of topics from basics of surface area measurement till correlation of data for actual applicability in terms of dissolution rates, reactivity, catalytic activity and disintegration. The participants will further learn how to evaluate Isotherm data to measure parameters like pore volume, pore size distribution, external surface area and many other parameters needed to characterize particles and bulk systems.

Who should attend:

Industry personnel's, Research Scientists, Students

Speakers:



Dr Martin A. Thomas has more than forty years of industrial experience in the characterization of powders and porous materials. After studying for his Master's degree in analytical chemistry and then his Doctorate in inorganic/physical chemistry - both at the School of Chemistry, University of Birmingham (UK) - he joined Cookson Group's Central Research labs where he began his specialization in powders and porous materials. He joined ICI's Catalyst Research Centre (now a Johnson-Matthey facility) in 1985 and spent six years as a Principal Research Officer in charge of porous materials characterization. In 1991 Dr. Thomas joined Quantachrome Instruments which became part of Anton Paar in 2018. He is currently serving as Lead Scientist for the Surface and Pores product line at Anton Paar. Dr. Martin Thomas has authored several research articles and books and has also been co-author of ten patents relating to porous materials and their characterization.

Agenda:

Time	Topic	Speaker
	Inauguration along with a short overview and event objective	Dr. Rishi Gupta
	Topics to be covered: <ul style="list-style-type: none">• Surface Area and Pore Size Distribution• Catalyst Characterization (TPR/TPO/TPD)• Solid and Semi Solid Density• Water and organic vapor sorption• High pressure gas sorption	Dr. Martin A. Thomas
	Hands-on training	Dr. Martin A. Thomas

[Register Now](#)

To know more, contact Dr. Rishi Gupta at rishi.gupta@anton-paar.com | +91-8800137580

The course will include refreshments and lunch. You will be provided a certificate at the end of the event. We look forward to welcoming you at the seminar.

With Best Regards,
Anton Paar India