

TRAINING ON MALVERN ZETASIZER NANO ZS

27-28 November 2019 | INFORMMM, USM Penang

Course Description

- Overview of the equipment and basic applications.
- Theory and data interpretation of particles size analysis
- Theory and data interpretation of zeta potential analysis
- Equipment demonstration at INFORMMM.

Speakers

DKSH Technology Sdn Bhd
Mr. Jonathan Wong Eu Hann

Who should attend:

All researchers and companies involve in nanotechnology including material scientists, physicists, biologists, chemists, pharmacists etc.

Registration

Dateline 21 Nov 2019

Day 1 | **RM 60**
Day 2 | **RM 60**
Both Day **RM100**
30 Participants

Contact

Prof Madya Dr. Venugopal
venugopal@usm.my
04-6534840

Registration
Muhammad Noor Fais
muhdnoorfais94@usm.my
04-6534813

Register

This mini-seminar is organised by the Institute for Research in Molecular Medicine (INFORMMM), Universiti Sains Malaysia with our proud partners



Programme

Training on Malvern Zetasizer Nano ZS

1. Particle size (DLS) – 1 day
 - Brownian Motion
 - Correlation
 - Analysing the Correlation Function
 - Measurement Sequence
 - Data Interpretation

 2. Zeta potential (ELS) + autotitrator – 1 day
 - Electrokinetics
 - Electrophoretic light scattering (Laser Doppler electrophoresis)
 - Phase analysis light scattering (PALS)
 - Cell preparation, instrument verification and sample preparation
 - Analysis options
 - Data Interpretation
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