

**1 Day Workshop on Particle Size Analysis & Colloidal Stability using DLS: Nano to Micro – Wave 3
22 November 2014 @ Venture Center**

Evaluation Results

Category		Avg (Min-Max) Count
Section 1: Event Administration		
	Quality of pre-event (registrations, queries)	6.05 (4-7)20
	Was the workshop registration process timely and efficient?	6.05 (4-7)20
	Quality of staff responsiveness	6.2 (5-7)20
	Pace of the event (time mgmt)	5.95 (4-7)20
	Overall satisfaction with event organization	6 (5-7) 19
Section 2: Event Facilities		
	Venture Center Training room (Was it appropriate, clean and comfortable)	6 (5-7) 19
	Venture Center Cafeteria (Was it appropriate, clean and comfortable)	5.6 (4-7)20
	Food (Tea/coffee and lunch at Venture Center)	5.5 (4-7) 20
	Materials and Handouts	5.8 (4-7) 20

Rating Scale	
1	Bad
2	Well below average
3	Below average
4	Average
5	Good
6	Very good
7	Excellent

Section 3: Theory & Demonstration sessions			
Lectures		I found it directly useful to me	I enjoyed this session
1	Introduction and basic principles of DLS; General terms and parameters used in particle size analysis; Sample preparation techniques; Quick overview of particle size analysis; Typical data recorded	6.1 (4-7) 20	6.05 (4-7) 20
2	Introduction to Zeta potential; Applications	5.79 (3-7) 19	5.53 (2-7) 19
3	Instrumentation; Types of Laser sources; Types of sampling cells and their compatibility with various solvents; Types of detectors	5.75 (3-7) 20	5.45 (3-7) 20
4	Applications of DLS; Molecular weight determination, Interactive session – Real case studies and application notes.	6 (4-7) 20	6.05 (4-7) 20
5	Best practices in particle size analysis.	5.95 (4-7) 20	6.11 (4-7) 18
6	Demonstrations at Lab block, Venture Center & PAML, NCL	5.9 (3-7) 20	6 (2-7) 20

Section 4: Comments & Suggestions	
How can these workshops be improved further?	
1	Involving no. of students & company peoples
2	1. Some minor error in zeta potential slides can be avoided 2. Inclusion of animated will help to understand the concepts
3	You can take practical's on zeta potential analysis.
4	Little more preference on demonstration part. If everyone can handle the sample it will be better
5	everything is good; so no need to improve
6	By best instruments - going more detail may be 2 days event.
7	It should be separate workshop for students and professionals
8	Please include extended session on zeta potential
9	More demonstration & Interactive sessions
10	Like some more time for practicals. Overall it was excellent

11	The practical demo of zeta potential was left. If that part was covered it would be better	
12	Demo of zeta potential measurement should also be included	
13	More case studies with some background and then result	
14	It's already excellent workshop as per my opinion this is good	
15	By increasing more number of teaching sessions with various expertise	
16	By increasing time for lab demonstration	
Please suggest a topic on which you wish to have a workshop on		
	How to convert research into technology	
	Thermal Analysis, Rheology & mechanics of polymers	
	Characterization of metal nanoparticles in living samples	
	Solar cell (All types)	
	Agglomeration effect & concentration of sample on particle size	
	Process engineering, distillation column, plant design	
	NMR	
	Process engineering, distillation column, plant design	
	More focus for the pharma students, as they get very less exposure as compared to other filed, current development in pharmaceuticals like multiparticulars & other pharma formulations.	
	a. Mammalia cell culture & cytotoxicity studies (in vitro) b. Rheology & texture analysis c. Thermal analysis like DSC , TGA & DTA	
	Nano DSC	
	Process engineering, distillation column, plant design	
	Nanoparticles & zeta potential	
	Size exclusion chromatography	
	Small angle x-ray diffraction	
	Confocal microscopy, FACS	
How did you hear about this event?		Particle counting using light scatter
		No of participants
		Email
		6
		Internet
		4
		Newspaper
		4
		From teacher / Institute
		1
		From friend /colleague
		2
Would you like to hear about similar events in the future?		Yes
		20

Testimonials

1. This workshop was very good and gave good insight to light scattering & its basics