

**1 Day Workshop on Particle Size Analysis & Colloidal Stability using DLS: Nano to Micro – Wave 2
13 September 2014 @ Venture Center**

Evaluation Results

Category		Avg (Min-Max) Count	
Section 1: Event Administration			
	Quality of pre-event (registrations, queries)	5.38 (4 - 7) 26	
	Was the workshop registration process timely and efficient?	5.59 (4-7) 27	
	Quality of staff responsiveness	5.74 (3-7) 27	
	Pace of the event (time mgmt)	5.21 (1-7) 26	
	Overall satisfaction with event organization	5.28 (2-7) 28	
Section 2: Event Facilities			
	Venture Center Training room (Was it appropriate, clean and comfortable)	5.61 (4-7) 28	
	Venture Center Cafeteria (Was it appropriate, clean and comfortable)	5.36 (2-7) 28	
	Food (Tea/coffee and lunch at Venture Center)	5.11 (3-7) 28	
	Materials and Handouts	5.32 (3-7) 28	
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	5.44 (2-7) 27	5.29 (1-7) 27
2	Introduction to Zeta potential; Applications	5.48 (1-7) 25	5.08 (1-7) 27
3	Instrumentation; Types of Laser sources; Types of sampling cells and their compatibility with various solvents; Types of detectors	5.16 (3-7) 25	4.92 (1-7) 26
4	Applications of DLS; Molecular weight determination, Interactive session – Real case studies and application notes.	5.44 (4-7) 27	4.88 (1-7) 25
5	Best practices in particle size analysis.	5.27 (1-7) 26	5.04 (1-7) 26
6	Demonstrations at Lab block, Venture Center	5.48 (1-7) 25	5.33 (1-7) 27
Section 4: Comments & Suggestions			
How can these workshops be improved further?			
1	This was a good workshop; I think if you cover more theory part that will be good.		
2	If some apparatus which id imp in the industrial purpose		
3	By allotting more time to lab session		
4	May be duration can be extended for 2 days		
5	Please allow analysis of samples brought by the participants.		
6	By exploring & giving more ideas for further research purpose		
7	It should be made 2 day workshop instead of one day		
8	Needs to clear concepts (mathematical) of zeta potential		
9	By more of the hands on experiment practical		
10	More emphasis should be given on data analysis because people know how the use of instruments but they know very less about data analysis.		

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

11	Yes, characterization techniques can be teach in details with instrument dia like how we get graph & analysis in more detail	
12	This will help us more to analyze globule size parameters in better way	
13	We want more speakers to tell us information	
14	It could have seen better if no. of participants are limited.	
15	Please increase the no. of seats for participation	
16	Yes, basic physics behind the topic should explained clearly	
17	More theory background	
18	By further increasing the number of days.	
19	Add more talk on basic principles and deep knowledge about PSD learning	
20	Theory can be elaborated with practical examples - may be useful	
21	By giving enough time to explain basics. It was too short.	
22	It is very well managed workshop so no comments on improvement	
23	Needs to summarize deeply & elaborate thoroughly	
24	Mention concept that participant should know beforehand while registering	
Please suggest a topic on which you wish to have a workshop on		
1	BET(Surface area analyser), SEM & TEM	
2	On the QA/QC dept in the pharmaceutical industrial related	
3	Mass Spectroscopy, GC-MS, TOC	
4	Wastewater treatment	
5	Wastewater treatment by the experts	
6	Complex & Nano system stabilization	
7	Chemical synthesis	
8	Relevant to nano particle any technique	
9	Plant & Animal tissue culture	
10	Nanoparticle synthesis and characterization	
11	Solar cell characterization techniques	
12	In vitro in vivo correlation	
13	TEM analysis	
14	GCMS, LCMS, ¹ HNMR, DEPT in ¹³ CNMR, XRD, SEM, TEM	
15	Mass spectrometry, SEM, TEM & Bioimaging	
16	Workshop on other instruments like Mass, TEM	
17	Multiferrous, Magnetic nanoparticle, based on characterization technique etc.	
18	Spectroscopy	
19	Synthesis and characterization of Nanoscaffolds (mechanical study)	
20	Workshop regarding pharmaceutical API	
21	Structure determination from powder X-ray diffraction	
22	TGA & DSC	
23	Image analysis techniques	
24	Particle counting using light scatter	
25	Organic reaction like asymmetric synthesis	
26	Particle counting	
How did you hear about this event?		Particle counting using light scatter
		No of participants
		Email
		2
		Internet
		3
		Newspaper
		18
		From teacher / Institute
		1
		From friend /colleague
		1
Would you like to hear about similar events in the future?		Yes
		28

Testimonials

1. Today's program was nice and good I mean more useful for me in my next future for the work in industries and also we are enjoy fully. Thank you so much.
2. To know about partical size analyser briefly as well as know about zeta potential.
3. This workshop really help me to understand particle size analysis & zeta potential of a sample
4. At college level, more students should be made aware of this facility.