Program list of CEA In-house Symposium (12th June 2010)

Time		Topic
9:00-9:10	Address by the Vice-President of CEA	
9:10-9:20	Address by the Chairman, Chemical Engg.	
9:20-9:40	Hrushikesh	Calculation of liquid water-methane vapor-hydrate phase equilibria
9:40-10:00	**Abhinandan Chiney**	A pivot-wise expanding solution for bivariate population balance equation for aggregation
10:00-10:20	Jyotsna CH	Multiscale Modeling and Experimental Studies on Lamellar Lyotropic Liquid Crystals
10:20-10:40	Kushal Tripathi	Estimating the error threshold of HIV type I quasi-species in vivo
10:40-10:50	Tea/coffee break	
10:50-11:15	Special address by Prof K.S. Gandhi	
11:15-11:35	Sivaramkrishna P	Synthesis of transition-metal nanoclusters: Kinetic studies of formation of particles
11:35-11:55	Shiva Naresh	Estimation of threshold number of CCR5's that must bind to gp120 for HIV entry into target cells
11:55-12:15	Parveen	Room temperature synthesis of gold nanoparticles in microchannel reactor
12:15-12:35	Shibin Mathew	Dynamics of immune escape by HIV
12:35-2:00	Poster session followed by lunch	
2:00-2:20	Ipshita Banerjee	Nanoporous, conducting, electrocatalytically active catalyst layer for PEMFC's
2:20-2:40	Balakrishnan	On the origin of ionic contaminants in distilled water
2:40-3:00	Siddharth Sharma	Nanoparticle crystallization
3:00-3:15	Tea/coffee break	
3:15-3:35	Girish M	Nanocrystal floating gate memory
3:35-3:55	Deepali P	Modeling of nanoparticle synthesis using method of moments
3:55-4:15	Sasikiran	Polymers for biomedical applications

4:15-4:35 Mandar