

Science Academies' Lecture Workshop On "Spectroscopic Methods in Chemistry"

Programme Schedule: Day 1

Day 1	Monday, February 23, 2015		
8:30-9:30	Registration		
9:30 – 09:45	Introductory Remarks by Dr. Prasanta Kr. Mahato, Principal, ND College; Prof. Ashutosh Ghosh, Dean of Faculty Council of Science, CU and Prof. Uday Maitra, IISc, Convenor		
09:45 – 11:00	Lecture 1	Chaitali Mukhopadhyay	<i>Introduction to Pulse-FT NMR</i>
11:00 – 11:20		Tea Break and Discussion	
11:20 – 12:35	Lecture 2	P.K. Das	<i>Molecular Spectroscopy 1</i>
12:35 – 13:30		Lunch Break	
13:30 – 14:45	Lecture 3	Uday Maitra	<i>Stereochemistry Basics</i>
14:45 – 15:05		Tea Break and Discussion	
15:05 – 16:20	Lecture 4	Tapan K. Paine	<i>Activation of Dioxygen by Nonheme Iron Enzymes and Model Complexes</i>
16:20 - 16:55		<i>Interaction of the participants with all the resource persons</i>	

Programme Schedule: Day 2

Day 2	Tuesday , February 24, 2015		
09:30 – 10:45	Lecture 5	Subhajt Bandyopadhyay	<i>Hammett Equation: The first structure-reactivity correlation in organic chemistry</i>
10:45 – 11:05		Tea Break and Discussion	
11:05 – 12:20	Lecture 6	P.K. Das	<i>Molecular Spectroscopy 2</i>
12:20 – 13:30		Lunch Break	
13:30 – 14:45	Lecture 7	Tanmaya Pathak	<i>Organic Chemistry and Modern Medicine</i>
14:45 – 15:05		Tea Break and Discussion	
15:05 – 16:20	Lecture 8	Uday Maitra	<i>Chemistry Education Resources</i>
16:20 – 16:55	Closing Remarks	Include feedback from a few chosen participants (2-3 teachers, 2 students – 2-3 minutes each)	