

Sl. No.	Date	Time	Topic of lecture/ practical	Chair
1.	Day 1	9:30 to 10.30	Registration	
		10.30 to 11:30	Inauguration and Welcome address	
		11:30-11:45	Tea Break	
		11:45-12:30	Introduction to NMR and its applications. Dr.K.V.Ramanathan, NMR Research Centre, IISc, Bangalore	Smt. N Bharathi, Head of Department of Physics, MMK & SDM MMV
		12:30 to 13:15	Theory and Practical of ¹ H NMR data interpretation Dr. BK Bettadiah, Principal Scientist, CFTRI, Mysore	
		13.15 to 14.15	LUNCH BREAK	
		14.15 to 15:45	Theory and Practical on ¹³ C NMR data interpretation (with break in between) Dr. BK Bettadiah, Principal Scientist, CFTRI, Mysore	
		15.45-16.00	Tea Break	
		16:00-17:00	Theory and Practical on DEPT NMR data interpretation Dr. SachinChaudhari, Scientist, CFTRI, Mysuru	
2.	Day 2	10:00 to 10.45	Lecture on Applications of NMR in metabolite analysis Dr Gaurav Sharma, Assistant Professor Department of Cardiovascular and Thorasic Surgery, UT Southwestern Medical Centre Dallas, Texas,	Dr. Sachin Chaudhari, Scientist, CFTRI, Mysuru
		10:45-11:45	Introduction to 2D NMR and its applications Dr. Suryaprakash N, Professor Emeritus, IISc, B'lore	
		11.45 to 12.00	Tea Break	
		12.00 to 13.00	Theory and Practical of COSY and TOCSY spectra analysis Dr. Suryaprakash N, Professor Emeritus, IISc, B'lore	
		13.00 to 14.00	Lunch break	
		14.00 to 15.00	Theory and Practical of HSQC and HMBC spectral analysis Dr. Suryaprakash N, Professor Emeritus, IISc, B'lore	
		15:00 to 15:15	Tea Break	
		15:15 to 16:00	Theory and Practical of NOESY and ROESY spectral analysis Dr. Suryaprakash N, Professor Emeritus, IISc, B'lore	
		16:00-17:00	Theory and Practical of NOESY and ROESY continued	
3.	Day 3	10:00 to 11.30	Practice session of 1D and 2D NMR analysis	

			using simple organic compounds. Dr. SachinChaudhari, Scientist, CFTRI, Mysuru	
		11.30 to 11:45	Tea Break	
		11:45 to 13:00	Practice session of 1D and 2D NMR analysis using simple organic compounds. Dr. SachinChaudhari, Scientist, CFTRI, Mysuru	
		13.00 to 14.00	Lunch break	
		14.00 to 15:00	Advanced Methods in structural assignment using NMR Dr. NilamoniNath, Assistant Professor, Dept of Chemistry, Gauhati University, Gauhati	Dr. ChaitanyaPandit, Assistant Professor, DeptofBiochemistry, MMK & SDM MMV, Mysuru
		15.00 onwards	Valedictory	