



Final Programme

International Symposium on
Recent Advances in "Green Chemistry" and "Chromatography Sciences"

12-14 January, 2012

Manav Rachna International University Faridabad
(Main Auditorium, 3rd Floor)

January 12, 2012

0800 – 1600 hrs	Registration
0930 - 1100 hrs	Inaugural Session Chief Guest: Dr. R.K. Malhotra, Director (R&D), Indian Oil Corporation Guest-of-Honour: Dr. N.C. Wadhwa, IAS Retired, Vice Chancellor, Manav Rachna International University
1100 – 1130 hrs	Tea Break
1130 – 1300 hrs	Technical Session-1 Chairperson: Dr Bikram Singh, IHBT, Palampur, Himachal Pradesh, India
1130 – 1200 hrs	Invited – 1 Prof. R.K. Sharma, Delhi University <i>Green chemistry for a sustainable future</i>
1200 - 1230 hrs	Invited – 2 Dr. N.V. Choudary, HPCL-R&D, India <i>Clean Technologies and Role of Catalysis</i>
1230 – 1300 hrs	Invited – 3 Prof Brindaban Ranu, IACS, Kokatta <i>Green Catalysis - Industry and Environment</i>
1300 – 1400 hrs	Lunch Break
1400 – 1530 hrs	Technical Session-2 Chairperson: Prof M.S. Alam, Head, Deptt of Chemistry, Jamia Hamdard
1400 – 1430 hrs	Invited – 4 Mr Ashutosh, Head, Norner Mimir India, Norner Innovations, Norway <i>Turning CO2 into valuable polymers – challenges and opportunities</i>
1430 – 1500 hrs	Invited - 5 Mr. Jun Tamura, Jeol Limited, Japan <i>Structural analysis of triacylglycerols using MALDI-TOF-TOF tandem MS with high precursor-ion selectivity and high-energy collision induced dissociation materials</i>
1500 – 1530 hrs	Invited – 6 Dr Bikram Singh, IHBT, Palampur, Himachal Pradesh, India <i>Green processes with hyphenated techniques for analysis of natural products and catalytic synthetic methods development</i>
1530 – 1600 hrs	Tea Break
1600 – 1830 hrs	Poster Session (All Poster Papers)
1900 hrs	Cultural Program and Dinner (Venue: ANAND FARMS, Suraj Kund Road, Faridabad)

January 13, 2012

0930 – 1200 hrs	Registration	
0930 – 1100 hrs	Technical Session-3 Chairperson: Dr B. Basu, ED (LT), IndianOil-R&D	
0930 – 1000 hrs	Invited –7 Dr Anil Pandey, KDMIPE, ONGC, Dehradun, India <i>Chromatographic techniques in geochemical petroleum exploration and some Green Chemistry initiatives in upstream petroleum industry</i>	
1000 – 1030 hrs	Invited – 8 Mr. Ali Soleymannezhad, Malvern Instruments, USA <i>New developments in Gel Permeation Chromatography</i>	
1030 – 1100 hrs	Invited – 9 Dr B.N. Srivastava, PAnalytical India <i>Application of X- Ray Fluorescence a Green technique in Process Control and Product Analysis of Petrochemicals, Plastics, Pharmaceutical & Environmental samples</i>	
1100 -1130 hrs	Tea Break	
1130 – 1300 hrs	Technical Session-4 Chairperson: Dr. M.K. Soni, ED and Dean, FTE, MRIU, Faridabad	
1130 – 1200 hrs	Invited – 10 Mr Sangram Pattnaik, Thermofisher, India <i>Ambient Ionization Mass spectrometric Analysis</i>	
1200 – 1230 hrs	Invited - 11 Dr Basant Kumar, IIP Dehradun, India <i>Advances in Hyphenated Chromatographic Techniques & Their Applications in Environmental Studies</i>	
1230 – 1300 hrs	Invited-12 Mr Dhananjay Sahoo, Indian Oil Corporation Limited <i>Biodegradable Polymers</i>	
1300 – 1400 hrs	Lunch Break	
1400 – 1530 hrs	Technical Session – 5 Chairperson: Prof Ghanshyam Chauhan, HP University, Shimla	
1400 – 1430 hrs	Invited -13 Dr A.S. Sarpal, IndianOil-R&D, Faridabad, India <i>Extraction and compositional analyses of Algae in NMR tube</i>	
1430 – 1500 hrs	Invited – 14 Mr. Vaughn E. Davis, Chairman , M/S Progression Inc. USA <i>Real Time Analysis of Coal" Reduces CO2 Emission ,Efficiently Generating Power in Coal Fired Plants</i>	
1500 – 1530 hrs	Invited – 15 Dr Adarsh Kumar, Atomic Mineral Division <i>An Overview of Analytical Techniques towards the analysis of Toxic Elements in Environmental and Geological Samples</i>	
1530 – 1600 hrs	Tea Break	
1600 – 1800 hrs	Technical Session –6 (Parallel Sessions in 2 Halls)	
	Main Auditorium Chairman: Dr A.A. Gupta, General Manager, IndianOil-R&D	Seminar Room No: AS-21 (First Floor) Chairman: Prof Varinder Kumar, Kirori Mal College, DU
1600 – 1615 hrs	Oral -1 (A-1)	Oral – 9 (A-22)
1615 – 1630 hrs	Oral -2 (A-106)	Oral -10 (A-23)
1630 – 1645 hrs	Oral – 3 (A-11)	Oral -11 (A-30)
1645 – 1700 hrs	Oral – 4 (A-14)	Oral -12 (A-31)
1700 – 1715 hrs	Oral – 5 (A-16)	Oral -13 (A-33)
1715 – 1730 hrs	Oral – 6 (A-18)	Oral -14 (A-35)
1730 – 1745 hrs	Oral-7 (A-19)	Oral -15 (A-36)
1745 – 1800 hrs	Oral-8 (A-21)	Oral -16 (A-39)
1800 hrs	High Tea	

January 14, 2012

0930 – 1100 hrs	Technical Session-7:	
	Chairperson: Dr. D.K. Tuli, GM (Alternative Energy), IndianOil-R&D	
0930 – 1000 hrs	Invited – 16 Dr. Mukul Jain, Authentic Ltd, USA <i>Technological Advances in Chromatographic and Analytical Sciences in ensuring Fuel Integrity</i>	
1000 – 1030 hrs	Invited – 17 Mr Rohan Verma, Agilent Technologies, India <i>Exploring new horizons in SFC performance and Suitability</i>	
1030 – 1100 hrs	Invited – 18 Prof Veena Choudhary, IIT Delhi <i>Bio-composites</i>	
1100 - 1130 hrs	Tea Break	
1130 – 1300 hrs	Technical Session-8	
	Chairperson: Dr A.S. Sarpal, GM (Analytical), IndianOil-R&D	
1130 – 1200 hrs	Invited – 19 Dr. A.P. Gupta, Delhi Technical University <i>Gas Chromatography-Mass Spectrometry- Unique Analytical technique</i>	
1200 – 1230 hrs	Invited – 20 Dr Manjeet Kumar, Atomic Mineral Division <i>Solid Phase Extraction Techniques for Toxic and Geochemical Important Metal Ions: A Review</i>	
1230 – 1300 hrs	Invited -21 Mr V. Kagdiyal, Indian Oil Corporation Ltd <i>Ion Chromatography and its applications</i>	
1300 – 1400 hrs	Lunch Break	
1400 – 1530 hrs	Technical Session –9 (Parallel Sessions in 2 Halls)	
	Main Auditorium Chairman: Prof J.L. Sharma, Kirori Mal College, DU	Seminar Hall: AS-21 (First Floor) Chairman: Prof Sunil Garg, Joint Director, Savera Group of Institutions, Gurgaon
1400 – 1415 hrs	Oral -17 (A-38)	Oral – 23 (A-65)
1415 – 1430 hrs	Oral – 18 (A-49)	Oral – 24 (A-70)
1430 – 1445 hrs	Oral – 19 (A-50)	Oral – 25 (A-72)
1445 – 1500 hrs	Oral – 20 (A-59)	Oral – 26 (A-75)
1500 – 1515 hrs	Oral – 21 (A-62)	Oral – 27 (A-79)
1515 – 1530 hrs	Oral – 22 (A-64)	Oral – 28 (A-80)
1530 – 1600 hrs	Valedictory Session	
	<ul style="list-style-type: none"> • Chief Guest: Mr Anand Kumar, Director, Petrotech Society • Guest-of-Honour: Dr. Amit Bhalla, Vice President, Manav Rachna International University • Best Poster Paper Awards (Total 6 Awards, including 2 Awards for Women Presenter) 	
1600 hrs	High Tea and End of symposium	