AGENDA

Detailed Program **Agenda of AOC-5 GSC**

India Habitat Centre, Lodhi Road, New Delhi, 110003.
(Silver Oak and Jacaranda are auditorium/halls in India Habitat center)

Time slots for AOC-5 GSC program

Plenary lecture: 40 minutes each **Keynote lecture**: 30 minutes each
Oral presentation: 10 minutes each **Poster presentations**: 60 minutes as a whole
Tea/coffee break: 30 minutes break **Lunch**: 60 minutes as a whole

Day 1: 15th January, 2015 (Thursday)

12:00 pm	**Registration and Lunch** (Silver Oak Foyer)
02:00 pm	**Opening Ceremony** (Silver Oak)
	Inaugural lecture by Prof. James Clark, Director, Green Chemistry, Centre of Excellence, University of York, UK
04:00 pm	Tea/Coffee
04:30 pm	**Keynote Speaker :** Prof. Masahiko Matsukata, Department of Applied Chemistry, Waseda University, Tokoyo, Japan **Title :** Membrane Separation Technologies: A key for Energy Saving of Chemical Industries
05:00 pm	**Special session addressed by World Leaders of Green Chemistry** **Chairs: Prof. R. K. Sharma**, Green Chemistry Network Centre, Delhi University, India **Prof. Anuradha Mishra**, Dean, School of Vocational Studies & Applied Science, Gautam Buddha University, Greater Noida **Speakers: Prof. Paul T. Anastas**, Director, Yale University's Center for Green Chemistry and Green Engineering, USA **Dr. John. C. Warner**, President and Chief Technology Officer Warner Babcock Institute for Green Chemistry, USA **Dr. David Constable**, Director, American Chemical Society- Green Chemistry Institute(ACS-GCI), USA
07:30 pm	Dinner

Day 2: 16th January, 2015 (Friday)

Time	Silver Oak (Hall/Foyer area)	Jacaranda (Hall/Foyer area)
	SESSION 1	
	Plenary Lecture Chair: (Dr. Avtar Matharu, Deputy Director, Green Chemistry Centre of Excellence, University of York, UK)	----------
09.30 am-10:10 am	Plenary Lecture 1 **Speaker:** Prof. Milton Hearn, Professor, Victorian Centre for Sustainable Chemical Manufacturing, School of Chemistry, Monash University, Australia **Title:** Conversion of Renewables to Chemicals, Pharmaceuticals and Food Ingredients Utilising a Tandem Biocatalytic and Chemical Catalytic Approach: A Cutting Edge for Green Chemistry	----------
	Keynote Lectures Cvhairs (Dr. Avtar Matharu & Prof. Rita Kakkar)	**Keynote Lectures Chairs (Prof. Qing-Xiang Guo & Prof. Ashok K. Prasad)**
10.10 am-10:40 am	Key Note Lecture 1 **Speaker:** Dr. Hiromichi Shimada **Title:** Green & sustainable Chemistry Research Activities in AIST, Japan	Key Note Lecture 2 **Speaker:** Prof. Chee Cheong Ho **Title:** Reappraising the Sustainability of Natural Rubber as an Industrial Elastomers
10:40 am-11:10 am	Tea/Coffee in foyer area	Tea/Coffee in foyer area
11:10 am-11:40 am	Key Note Lecture 3 **Speakers:** Prof. R. K. Sharma & Dr. Alok Adholeya **Title:** Green Chemistry Network Centre: Advancing Green Chemistry in India	Key Note Lecture 4 **Speaker:** Prof. A. K. Chakraborti **Title:** Rational Design of Sustainable Chemistry

Time	Silver Oak (Hall/Foyer area)	Jacaranda (Hall/Foyer area)
	Oral Presentations Chairs (Dr. Avtar Matharu & Prof. Rita Kakkar)	**Oral Presentations Chairs (Prof. Qing-Xiang Guo & Prof. Ashok K. Prasad)**
11:40 am-11:50 am	Oral Presentation 1 **Speaker:** Prof. Changwei Hu **Title:** Promoting the selectivity of chemicals via fractional route directly from raw materials	Oral Presentation 2 **Speaker:** Ms. Shilpa Varshney **Title:** Synthesis, Characterization and Determination of the Metal Ions Adsorption Capacity of Wood Pulp modified with 2-picolylamine: A Low Cost Fascinating Biopolymer
11:50 am-12:00 pm	Oral Presentation 3 **Speaker:** Prof. Ali Mohammed **Title:** Green aqueous systems as effective eluents in thin layer chromatography of organic and inorganics	Oral Presentation 4 **Speaker:** Dr. Shouichi Somekawa **Title:** Properties of stable chromium (VI) oxide quantum dots in silica matrix and application
12:00 pm-12:10 pm	Oral Presentation 5 **Speaker:** Prof. Hiroshi Uyama **Title:** Bio-based Functional Polymers from Castor oil	Oral Presentation 6 **Speaker:** Dr. Gurpreet Kaur **Title:** Probing Microstructural Organization of Pharmaceutically Accepted Microemulsions
12:10 pm-12:20 pm	Oral Presentation 7 **Speaker:** Mr. Dinesh Gupta **Title:** Solid acid catalyst for the transformation of bio-renewable substrates to valued chemical and fuels	Oral Presentation 8 **Speaker:** Dr. Bindiya Sharma **Title:** Microwave assisted synthesis of substituted Dihydro-Pyrimidine-Carboxylate by Biginelli reaction over Fuller earth as Solid Support

Time	Silver Oak (Hall/Foyer area)	Jacaranda (Hall/Foyer area)
12:20 pm-12:30 pm	Oral Presentation 9 **Speaker:** Dr. Ravindra Kumar **Title:** Catalytic Enantioselective Synthesis of Benzoxasilole via (η^2-Aldehyde)Ni(0)/NHC Complex	Oral Presentation 10 **Speaker:** Mr. M. Ali Haider **Title:** Mechanistic Insights into Ring-Opening of Lactones to Produce Renewable Chemicals
12:30 pm-01:30 pm	**Group Photograph followed by Lunch (Lunch in Foyer area)**	----------
01:30 pm-02:30 pm	----------	Poster Session for odd number posters (in foyer area)
SESSION 2		
	Plenary Lecture Chair (Prof. Masahiro Miura, Department of Applied Chemistry, Faculty of Engineering, Osaka University, Japan)	----------
02:30 pm-03:10 pm	Plenary Lecture 2 **Speaker:** Dr. Avtar Matharu, Deputy Director, Green Chemistry Centre of Excellence, University of York, UK **Title:** Waste as a resource for green adhesives	----------
	Keynote Lectures Chairs (Prof. Masahiro Miura & Dr. Thallada Bhaskar)	**Keynote Lectures Chairs (Prof. Milton Hearn & Prof. A. K. Chakraborti)**
03:10 pm-03:40 pm	Key Note Lecture 5 **Speaker:** Dr. Kei Saito **Title:** Green Polymers	Key Note Lecture 6 **Speaker:** Prof. Ashok K. Prasad **Title:** Greener and Environment friendly methodology for conversion of monosaccharides to Modified Nucleosides and Sugar-PEG Polymers
03:40 pm-04:10 pm	Tea/Coffee in foyer area	Tea/Coffee in foyer area

Time	Silver Oak (Hall/Foyer area)	Jacaranda (Hall/Foyer area)
	Oral Presentations Chairs (Prof. Masahiro Miura & Dr. Thallada Bhaskar)	**Oral Presentations Chairs (Prof. Milton Hearn & Prof. A. K. Chakraborti)**
04:10 pm-04:20 pm	Oral Presentation 11 **Speaker:** Dr. Md. Lokman H. Choudhury **Title:** Molecular diversity from the multicomponent reaction of arylglyoxal,1,3-dicarbonyl compounds and various 1,3-binucleophiles under green reaction conditions	Oral Presentation 12 **Speaker:** Dr. Jyoti Arora **Title:** Development of Sustainable and Eco-Friendly Processes for Natural Dyeing of Textiles using Plants Extracts
04:20 pm-04:30 pm	Oral Presentation 13 **Speaker:** Mr. Rabindra Kumar **Title:** Studies in the Hydrolysis of Cellulose using Cellulase in Imidazolium based Ionic Liquid: Role of Ionic liquid Cation and Surfactant	Oral Presentation 14 **Speaker:** Ms. Jhumur Banerjee **Title:** Development of integrative biorefinery for mango processing waste
04:30 pm-04:40 pm	Oral Presentation 15 **Speaker:** Dr. Hitendra Kumar Patel **Title:** Synthesis, characterization and in vitro microbial studies for new mannich products catalyzed by ethyl ammonium nitrate as reusable ionic liquid	Oral Presentation 16 **Speaker:** Ms. Komal Makhijani **Title:** Study on the Effect of Blending on Properties of Polymers
04:40 pm-04:50 pm	Oral Presentation 17 **Speaker:** Dr. Gangaram Chaudhary **Title:** Applications of Metal oxide nanoparticles in the removal of water contaminants	Oral Presentation 18 **Speaker:** Dr. Manoj Trivedi **Title**: Immobilization of bimetallic Pd-Cu NCs inside the pores of metal-organic frameworks as an efficient catalyst for chromium reduction using formic acid

Time	Silver Oak (Hall/Foyer area)	Jacaranda (Hall/Foyer area)
04:50 pm-05:00 pm	Oral Presentation 19 **Speaker:** Mr. Isak Rajjak Shaikh **Title:** H-ZSM-5 Synthesis by Sourcing Silica from the Wheat Husk Ash: characterization and Application as a Versatile Heterogeneous Catalyst in Organic Transformations including Some Multi-Component Reactions	Oral Presentation 20 **Speaker:** Md. Imteyaz Alam **Title:** Ionic liquid catalyzed valorization of Non-food Biomass into specialty chemicals and biofuels
05:00 pm-05:10 pm	Oral Presentation 21 **Speaker:** Dr. Sabina Martins **Title:** Green Chemistry Practices in I.C.S.E High School	Oral Presentation 22 **Speaker:** Dr. Shankha Acharya **Title:** Preparation of Ag/WO_3 3D urchin-like catalyst for the selective oxidation of m-xylene to isophthalic acid
05:10 pm-05:20 pm	Oral Presentation 23 **Speaker:** Dr. Kapil Arya **Title:** Organocatalyst Confinement in Mesoporous materials: advancement in green chironanotechnology	Oral Presentation 24 **Speaker:** Mr. Hari Singh **Title:** Porous Nickel containing silica as catalyst for hydrogenation of methyl oleate & glyceryl tristerate into renewable diesel range hydrocarbon
05:20 pm-07:00 pm	----------	
07:00: pm and onwards	**Dinner in foyer area**	----------

Day 3: 17th January, 2015 (Saturday)

Time	Silver Oak	Jacaranda
	SESSION 3	
	Plenary Lecture Chair (Dr. Rakeshwar Bandichhor, Director, Dr. Reddy's Laboratories, Hyderabad, India)	----------
09.30 am-10:10 am	Plenary Lecture 3 **Speaker: Prof. Qing-Xiang Guo**, Department of Chemistry, University of Science and Technology of China, China **Title:** A study on the transformation of Biomass to Nylon Monomer via γ-Valerolactone	----------
	Key Note Lectures Chairs (Dr. Rakeshwar Bandichhor & Dr. P. Venkatesu)	**Key Note Lectures Chairs (Prof. Anshu Dandia & Dr. Kei Saito)**
10.10 am-10:40 am	Key Note Lecture 7 **Speaker:** Prof. Sunil K. Sharma **Title:** Cleaner & Greener Chemo-enzymatic synthesis of glycerol based value added products for Biomedical applications	Key Note Lecture 8 **Speaker:** Prof. Rakesh Kumar Mahajan **Title**: Chemical Sensors for Cation/Anion Recognition
10:40 am-11:10 am	Tea/Coffee in foyer area	Tea/Coffee in foyer area
11:10 am-11:40 am	Key Note Lecture 9 **Speaker:** Dr. Thallada Bhaskar **Title:** Thermo-chemical methods of conversion for complete carbon utilization in biomass	Key Note Lecture 10 **Chair:** Prof. Anshu Dandia & Dr. Kei Saito **Speaker:** Prof. S.K. Mehta **Title:** Greener Synthesis of Metallic nanoparticles for applications in electro-catalysis
	Oral Presentations Chairs (Dr. Rakeshwar Bandichhor & Dr. P. Venkatesu)	**Oral Presentations Chairs (Prof. Anshu Dandia & Dr. Kei Saito)**

Time	Silver Oak	Jacaranda
11:40 am-11:50 am	Oral Presentation 25 **Speaker:** Dr. Kiran Pradhan **Title:** Exploring Carbonyl activation in solvent-free media: Self-catalysis of carbonyls in multi-component Imidazole syntheses	Oral Presentation 26 **Speaker:** Dr. Farzaneh Aghakhani Mahyari **Title:** Development of Conductive Metallic Pastes and Inks Based on using the gold Nanostructures
11:50 am-12:00 pm	Oral Presentation 27 **Speaker:** Ms. Shilpi Ghosh **Title:** Selective oxidation of propylene to propylene oxide over CuO nanoparticles supported on Tungsten oxide nanocatalyst with molecular oxygen	Oral Presentation 28 **Speaker:** Mr. Zhicheng Jiang **Title**: Promotion Effect of NaCl on the Solubilization and Depolymerization of Cellulose in water from Raw Biomass Materials
12:00 pm-12:10 pm	Oral Presentation 29 **Speaker:** Dr. S N Rao Pasupuleti **Title:** The influence of support on oxidation functionalities of environmentally benign heteropolymolybdates supported on vanadia dispersed metal oxide catalysts	Oral Presentation 30 **Speaker:** Mr. Vijay Ingole **Title:** Green Synthesis of Nano-Hydroxyapatite using Eggshell waste
12:10 pm-12:20 pm	Oral Presentation 31 **Speaker:** Mr. Devenderan Ramanathan **Title:** Novel Copper (I)-Catalyzed (3+2)/(2+2+2) Cycloaddition/Aromatization Cascade: Regio- and stereoselective One-pot atom-economical green synthesis of highly functionalized pyrimido[1,6-a] quinolines	Oral Presentation 32 **Speaker:** Mr. Aditya Rai **Title:** Process Intensification using Micro-channel reactor for Gases to Liquid Fuel

Time	Silver Oak	Jacaranda
12:20 pm-12:30 pm	Oral Presentation 33 **Speaker**: Dr. Antonio Patti **Title**: Efficient preparation of cyclic carbonates and diurethanes from polyols	Oral Presentation 34 **Speaker:** Dr. Nityananda Agasti **Title:** Facile preparation of Glycine capped Silver Nanoparticles under ambient conditions
12:30 pm-01:30 pm	**Lunch along with Discussion and Opinion exchange between students in foyer area**	----------
01:30 pm-02:30 pm	----------	**Poster Session for even number posters in foyer area**
SESSION 4		
	Plenary Lecture Chair (Prof. Chee-Cheong Ho, Univeristy of Tunku Abdul Rahman,Kuala Lumpur, Malaysia)	----------
02:30 pm-03:10 pm	Plenary Lecture 4 **Speaker: Prof. Masahiro Miura,** Professor, Department of Applied Chemistry, Faculty of Engineering, Osaka University, Japan **Title:** Transition-metal-catalyzed direct aromatic cross-coupling: An approach to GSC in organic synthesis	----------
	Keynote Lectures Chairs (Prof. Chee-Cheong Ho & Dr. Kshipra Misra)	**Keynote Lectures Chairs (Mr. Hiroshi Kawai & Dr. P. K. Rai)**
03:10 pm-03:40 pm	Key Note Lecture 11 **Speaker:** Mr. Yusuke Hayashi **Title:** Development of New Low friction Anti-fouling paint with low VOC	Key Note Lecture 12 **Speaker:** Dr. Rakeshwar Bandichhor **Title:** Innovative Chemistry in the Synthesis of Medicines
03:40 pm-04:10 pm	Tea/Coffee in foyer area	Tea/Coffee in foyer area
	Oral Presentations Chairs (Prof. Chee-Cheong Ho & Dr. Kshipra Misra)	**Oral Presentations Chairs (Mr. Hiroshi Kawai & Dr. P. K. Rai)**

Time	Silver Oak	Jacaranda
04:10 pm-04:20 pm	Oral Presentation 35 **Speaker:** Dr. A. Sakthivel **Title:** Framework Silicoaluminophosphate Materials: Eco-friendly, Recyclable Heterogeneous Catalysts for Organic Transformations	Oral Presentation 36 **Speaker:** Dr. Archana Painuly **Title:** Separation and recovery of vanadium from spent vanadium pentoxide catalyst by Cyanex 272
04:20 pm-04:30 pm	Oral Presentation 37 **Speaker:** Ms. Tanu Mittal **Title:** Study of Super-hydrophobic, self-cleaning coatings produced by Silica Nanoparticles	Oral Presentation 38 **Speaker:** Mr. Satish Kabra **Title**: Direct synthesis of formic acid from carbon dioxide and hydrogen: A thermodynamic and experimental study using polyurea encapsulated catalysts
04:30 pm-04:40 pm	Oral Presentation 39 **Speaker:** Dr. Umesh Kumar **Title:** Silver(I) Complexes of Acridine Based (S,N,S) Pincer Ligand: Catalytic Activity for A3 type Coupling of Aldehyde, Alkyne, and Amine	Oral Presentation 40 **Speaker:** Ms. Disha Mishra **Title:** Production of nanocellulose for sustainable future: A comparative study
04:40 pm-04:50 pm	Oral Presentation 41 **Speaker:** Mr. Rohit Kumar **Title:** Synthesis and Characterization of Organosilane directed Mesoporous γ-alumina	Oral Presentation 42 **Speaker:** Ms. Ting He **Title**: Selective conversion of hemicellulose in corn stover to lactic acid catalyzed by MgO
04:50 pm-05:00 pm	Oral Presentation 43 **Speaker:** Dr. Raj Kumar Mishra **Title:** Inhibition effects of *Clerodendron colebrookianum* walp leaf extract on the corrosion of mild steel in HCl solution	Oral Presentation 44 **Speaker:** Mr. Hitesh Pawar **Title:** Isopropyl alcohol: A greener and safe reaction medium for cyclodehydration of fructose to 5-hydroxymethyl furfural
05:00 pm-05:45 pm	**Closing Ceremony and Presentation of Award**	