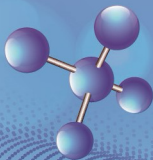


XXV NOST ORGANIC CHEMISTRY CONFERENCE

August 18 – 21, 2026

Hotel Alila Diwa, Goa, India

Scientific Program



Day 1: Tuesday, August 18, 2026

14:00 – 15:20 h	Arrival, Check-In, Registration and Lunch
15:30 – 15:35 h	Welcome Remarks by Chair-NOST Council <i>Krishna P Kaliappan (IIT Bombay)</i>
15:35 – 15:45 h	NOST- A Brief Overview by President-NOST Ganesh Pandey (BHU, Varanasi)
Trustees Session	
Session I (15:45 – 17:25 h) Chairpersons: D. S. Reddy and Rakesh Bandichhor	
15:45 – 16:15 h	Junichiro Yamaguchi (Tokyo University, Japan) <i>'Development of Heteroarene Swapping Reactions'</i>
16:20 – 16:50 h	Manmohan Kapur (IISER Bhopal) <i>'Unlocking Distal Reactivity: Transition-Metal-Catalyzed Enantioselective Remote γ- and ϵ-C–H Functionalizations'</i>
16:55 – 17:25 h	Kazuaki Ishihara (Nagoya University, Japan) <i>'Iodine Catalysis'</i>
17:30 – 17:50 h	Tea/Coffee Break
Raghu and Venkata Palle Session	
Session II (17:50 – 19:25 h) Chairpersons: Venkata Palle and Ashwini K. Nangia	
17:50 – 18:10 h	Pradeep Kumar (IIT Bombay) <i>'Chemical Biology of Safrrole-Induced DNA Damages'</i>
18:15 – 18:35 h	Suriseti Suresh (CSIR-IICT, Hyderabad) <i>'N-Heterocyclic Carbene Organocatalysis: Unlocking New Bond-Forming Strategies'</i>
18:40 – 19:00 h	Ravindra Kumar (CSIR-CDRI, Lucknow) <i>'Organo-catalysed Modular Approach for the Synthesis of Azaborines and of BN-Isosteres via Wolff-type rearrangement'</i>
19:05 – 19:25 h	Santanu Panda (IIT, Kharagpur) <i>'Stereoselective Synthesis of Olefins and Heterocycles by Exploiting Organoboron Compounds and Strain-release-driven Ring Opening'</i>
19:30 – 21:30 h	Conference Mixer

Day 2: Wednesday, August 19, 2026

PI Industries Session

Session III (09:00 – 10:55 h)

Chairpersons: G. Sekar and Rajesh Viswanathan

09:00 – 09:30 h	Raghavan B. Sunoj (IIT, Bombay) <i>'Asymmetric Catalysis: Perspectives from Computational Organic Chemistry and Machine Learning'</i>
09:35 – 10:05 h	Oliver Reiser (University of Regensburg, Germany) <i>'Photocatalysis as an Enabling Tool for Applications in Small-Molecule Synthesis of Biologically Relevant Compounds'</i>
10:10 – 10:30 h	Diwan S Rawat (Kumaun University) <i>'From Molecular Hybridization to the Clinic: Discovery of a Phase II Clinical Candidate for Parkinson Treatment'</i>
10:35 – 10:55 h	Rima Thakur (University of Delhi) <i>'Catalytic Approaches to Controlled Glycosidic Bond Formation'</i>

11:00 – 11:30 h Photo Session & Tea/Coffee Break

BASF Session

Session IV (11:30 – 13:00 h)

Chairperson: Harish Shinde

11:30 – 12:00 h	Viresh Rawal (University of Chicago, USA) <i>'Beyond Total Synthesis: An Unplanned Journey into Organo-Bismuth Chemistry'</i>
12:05 – 12:35 h	Hidetoshi Tokuyama (Tohoku University) <i>'Total Synthesis of Structurally Complex Alkaloids: Denudatine alkaloids and Amatoxins'</i>
12:40 – 13:00 h	Thirupathi Barla (IISER Berhampur) <i>'Total Synthesis of Bioactive Natural Products: From Structure Revision to Biological Activities'</i>

13:05 – 14:00 h Lunch Break

Jubilant Life Sciences Session

Session V (14:00 – 15:35 h)

Chairperson: Swapnil Yerande

14:00 – 14:30 h	Teigo Asai (Tohoku University, Japan) <i>'The Biosynthesis of a Fungal Flavonoid Chlorflavonin Is Precisely Controlled by Two Types of Equilibrium States'</i>
14:35 – 15:05 h	Satoshi Yokoshima (Nagoya University, Japan) <i>'Synthesis of Natural and Unnatural Polycyclic Compounds'</i>
Astra Zeneca Session	
Session VI (15:10 – 15:55 h) Chairperson: N. Selvakumar	
15:10 – 15:30 h	Ramakrishna G. Bhat (IISER Pune) <i>'Versatile Reactivity of Diazo Carbonyl Compounds Towards Metal Catalysts and Visible Light'</i>
15:35 – 15:55 h	Basudev Sahoo (IISER TVM) <i>'Harnessing the Reactivity of Dihydroquinazolinones and Dihydropyridines in Organic Synthesis'</i>
16:00 – 18:30 h	Coffee Break/ NOST Trustees Meeting/ Free time/ Interactions
ICOS Session (Flash Presentation)	
Session VII (18:30 – 19:40 h) Chairpersons: Santosh J. Gharpure and Vishal Rai	
18:30 – 19:40 h	1. Someswara Rao Sanapala (IIT Tirupati) <i>'Alkylation of Sterically Hindered Alcohols and Sugar Hydroxyls via Organocatalyzed Reductive Etherification'</i> 2. Venkateswarlu Yarlagadda (IIT Bombay) <i>'Reengineered rifamycin exploits nutrient transporters to overcome Gram-negative permeability barriers'</i> 3. Rishikesh Narayan (IIT Goa) <i>'Making a Dent in the Universe of Classical Cross-Coupling Reactions: One Oxidative Heterocoupling at a Time'</i> 4. Siddharth Sharma (Mohanlal Sukhadia University, Udaipur) <i>'Merging Post-Ugi Cyclization Reactions with Electrochemical Organic Synthesis'</i> 5. Soumitra Maity (IIT(ISM) Dhanbad)

	<i>'Manipulating Reactivity Paradigms by Photocatalysis'</i> 6. Mangala Phadte (Syngenta Biosciences Private Limited, Goa) <i>'Diversity-Oriented Total Synthesis of Waltherione Alkaloids'</i> 7. Anupam Bandyopadhyay (IIT Ropar) <i>'Sequential Boronic Acid Bioconjugation enables Site-selective Modification of Peptides and Potential Bacterial Imaging'</i> 8. Vinod D. Chaudhari (CSIR – Institute of Microbial Technology, Chandigarh) <i>'Discovery of MBLs Inhibitors to Tackle Multidrug Resistant Bacterial Infections'</i>
19:45 – 21:30 h	Dinner

Day 3: Thursday, August 20, 2026

Syngenta Session	
Session VIII (09:00 – 10:55 h) Chairpersons: T. Punniyamurthy and Rajib Goswami	
09:00 – 09:30 h	Masahiro Terada (Tohoku University, Japan) <i>'Enantioselective Catalysis by Higher Order Organosuperbase'</i>
09:35 – 10:05 h	Igor V. Trushkov (Zelinsky Institute, Russia) <i>'Donor-Acceptor Cyclopropanes: Magical Rings of Organic Chemistry'</i>
10:10 – 10:30 h	Md Mahiuddin Baidya (IIT Madras) <i>'Transition Metal Catalysis towards C–H and C–C Bond Activation: From Biaryl Frameworks to Biorelevant Scaffolds'</i>
10:35 – 10:55 h	Guru Brahamam Ramani (IIT, Jammu) <i>'Synthetic Versatility of Alkynyl Hydrazone and Diazo Compounds'</i>
11:00 – 11:30 h	Tea/Coffee Break
Sun Pharma Session	
Session IX (11:30 – 13:00 h) Chairperson: Namrata Rastogi	

11:30 – 12:00 h	Yoshiharu Iwabuchi (Tohoku University, Japan) <i>'Diversity-Oriented Terpenoid Synthesis through Peripheral Decoration and Skeletal Remodeling'</i>
12:05 – 12:35 h	Shinichiro Fuse (Nagoya University, Japan) <i>'Innovations in Peptide Synthesis Driven by Microflow Synthesis Technology'</i>
12:40 – 13:00 h	M. Bakthadoss (Pondicherry University, Puducherry) <i>'Palladium-Catalyzed meta-C–H Functionalization of Aromatics'</i>
13:05 – 14:00 h	Lunch Break
Panacea Biotech Session Session X (14:00 – 15:35 h) Chairperson: S. Srivatsan	
14:00 – 14:30 h	Daniel Priebebenow (Monash University, Australia) <i>'Advances in C–H Functionalisation: New Catalytic Strategies for Chemical Synthesis'</i>
14:35 – 15:05 h	Masanori Shigeno (Tohoku University, Japan) <i>'Reactive Brønsted Base System for Direct Molecular Transformation'</i>
AVRA Session Session XI (15:10 – 15:55 h) Chairperson: Santanu Mukherjee	
15:10 – 15:30 h	Janakiram Vaitla (IIT, Delhi) <i>'Vinyl Sulfoxonium Ylides: Unlocking New Opportunities in Organic Synthesis'</i>
15:35 – 15:55 h	Durga Prasad Hari (IISc, Bangalore) <i>'The Carbene Face of [1.1.1]Propellane'</i>
16:00 – 18:30 h	Tea/Coffee Break/ Interactions/Free Time
Dr. Gopal Rao Session Session XII (18:30 – 19:35 h) Chairperson: Harinath Chakrapani	

18:30 – 19:00 h	Yujiro Hayashi (Tohoku University, Japan) <i>'Organocatalysis for the Efficient Synthesis of Biologically Active Molecules'</i>
19:05 – 19:35 h	Manas Kumar Ghorai (IIT Kanpur) <i>'Asymmetric Synthesis of Bioactive Compounds via ROC/DROC/DKR'</i>
19:40 – 22:00 h	Conference Dinner

Day 4: Friday, August 21, 2026

Cipla Session	
Session XIII (09:00 – 11:10 h) Chairpersons: S. S. V. Ramasastry and Alakesh Bisai	
09:00 – 09:30 h	N. D. Pradeep Singh (IIT Kharagpur) <i>'Wavelength-Selective Monochromophoric Photoremovable Protecting Groups for Tuning Soft Matter Material Properties'</i>
09:35 – 10:05 h	Cyril Bressy (Aix-Marseille Université, France) <i>'Compartmentalized Multicatalysis: Chirality as Probe & Separation of Enantiomers'</i>
10:10 – 10:30 h	S. Adimurthy (CSIR - CSMCRI, Gujarat) <i>'Transannulation of Pyridotriazoles and Their Selective Functionalization'</i>
10:35 – 10:45 h	Concluding Remarks
10:45 – 11:15 h	High Tea and Departure

Contact us for any assistance

Event:	Hotel:
Rushikesh Panderkar's ☎ + 91 9664999181	Munira Shaikh (Hotel Alila Diwa, Goa) ☎ + 91 9049997511
Transport Goa:	
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