

**1<sup>st</sup> International Conference in Chemistry**  
**Sustainable Innovations in Drug Development -SIDD-2025**  
**Indrashil University, March 24-26, 2025**

**Day 1 – March 24, 2025, Monday**

Time	Session	Speaker(s)
<b>Inaugural Session-Chairs-Prof. Keshri Nath Tiwari &amp; Dr. Vishnumaya Bisai</b>		
9:30 am – 10:30 am	<b>Welcome Address by Dignitaries &amp; Release of ‘Souvenir’</b>	
<b>Session I: Chairs-Prof. J. S. Yadav &amp; Prof. G. Mugesh</b>		
10:30 am – 11:05 am	<b>Keynote Lecture</b>	<b>Prof. Vinod K. Singh</b> IIT Kanpur
11:10 am – 11:40 am	<b>Plenary Lecture (PL-1)</b>	<b>Dr. T. Rajamannar</b> Sun Pharma Advanced Research Company Ltd.
11:45 am – 12:05 pm	<b>☉ Tea Break and Networking*</b>	
<b>Session II: Chairs-Prof. Tapas K. Kundu &amp; Prof. Alakesh Bisai</b>		
12:10 pm – 12:40 pm	<b>Plenary Lecture (PL-2)</b>	<b>Prof. G. Mugesh</b> IISc Bangalore
12:45 pm – 1:15 pm	<b>Plenary Lecture (PL-3)</b>	<b>Dr. D. S. Reddy</b> IICT Hyderabad
1:20 pm – 2:30 pm	<b>*Lunch Break and Networking</b>	
<b>Session III: Chairs-Prof. Sivapriya Kirubakaran &amp; Dr. Poulomi Sengupta</b>		
2:30 pm – 3:00 pm	<b>Virtual Plenary Lecture (VPL-1)</b>	<b>Prof. Janine Cossy</b> ESPCI Paris-France
3:05 pm – 3:35 pm	<b>Virtual Plenary Lecture (VPL-2)</b>	<b>Prof. Lutz Ackermann</b> Georg-August-University Göttingen-Germany
3:40 pm – 4:10 pm	<b>Virtual Plenary Lecture (VPL-3)</b>	<b>Prof. Varinder Aggarwal</b> University of Bristol-UK
4:20 pm – 4:40 pm	<b>☉ Tea Break and Networking*</b>	
<b>Session IV: Chairs- Dr. Debendra Mohapatra &amp; Dr. Vijai Singh</b>		
4:45 pm – 5:05 pm	<b>CADILA Special Session on ‘CADILA’s Innovation’</b>	<b>Dr. Bakulesh Khamar</b> (Cadila Pharmaceuticals Ltd.)
5:10 pm – 5:30 pm	<b>CADILA Special Session on ‘CADILA’s Innovation’</b>	<b>Dr. Manjul Joshipura</b> (Cadila Pharmaceuticals Ltd.)
<b>Session V: Chair-Dr. Sriram K. Gundimeda &amp; Moderator-Prof. Santosh Gharpure</b>		
5:35 pm – 6:45 pm	<b>Students’ Special Academia/Industry Interactive Session</b>	<b>Prof. J. S. Yadav</b> (Research Director, Indrashil University) <b>Prof. V. K. Singh</b> (Institute Chair Professor, IIT Kanpur) <b>Dr. T. Rajamannar</b> (Non-Executive Director, SPARC Ltd.) <b>Prof. Tapas K. Kundu</b> (Professor, JNCASR Bangalore) <b>Prof. G. Mugesh</b> (Professor & Dean, IISc Bangalore) <b>Dr. D. S. Reddy</b> (Professor & Director, IICT Hyderabad) <b>Dr. Debesh Das</b> (President, Branded SBU, CADILA) <b>Dr. Vinay Kr. Srivastava</b> (Prof. IU & Asst. Vice President, VFS, CADILA)
6:45 pm – 7:30 pm	<b>Cultural Program</b>	
7:30 pm onwards	<b>Banquet Dinner and Networking</b>	

**\*\*Day 2 – March 25, 2025, Tuesday**

Time	Session	Speaker(s)
<b>Session VI: Chairs- Dr. Vinay Kumar Srivastava &amp; Prof. Satyendra Pandey</b>		
9:30 am – 10:00 am	Plenary Lecture (PL-4)	<b>Prof. Tapas K. Kundu</b> JNCASR Bangalore
10:05 am – 10:25 am	Invited Lecture (IL-1)	<b>Prof. Santosh J. Gharpure</b> IIT Bombay
10:30 am – 10:50 am	Invited Lecture (IL-2)	<b>Prof. Debendra Mohapatra</b> IISER Berhampur
10:55 am – 11:15 am	Invited Lecture (IL-3)	<b>Prof. Alakesh Bisai</b> IISER Kolkata
11:20 am – 11:35 am	☉ Tea Break and Networking*	
<b>Session VII: Chairs-Prof. Debendra Mohapatra &amp; Prof. Keshri Nath Tiwari</b>		
11:35 am – 11:55 am	Invited Lecture (IL-4)	<b>Prof. Satyendra Pandey</b> Banaras Hindu University
12:00 Noon – 12:20 pm	Invited Lecture (IL-5)	<b>Prof. Sivapriya Kirubakaran</b> IIT Gandhinagar
12:25 pm – 12:45 pm	Invited Lecture (IL-6)	<b>Dr. Janakiram Vaitla</b> IIT Delhi
12:50 pm – 1:10 pm	Invited Lecture (IL-7)	<b>Dr. Ch. Raji Reddy</b> ICT-Hyderabad
1:15 pm – 2:25 pm	Lunch Break and Parallel Poster Session*	
<b>Session VIII: Chairs-Prof. Chandrakumar Appayee &amp; Dr. Ankit Srivastava</b>		
2:30 pm – 3:00 pm	Virtual Plenary Lecture (VPL-4)	<b>Prof. Rene Gree</b> Rennes Institute of Chemical Sciences-France
3:05 pm – 3:25 pm	Invited Lecture (IL-8)	<b>Dr. Ekambaram Balaraman</b> IISER Tirupati
3:30 pm – 3:50 pm	Invited Lecture (IL-9)	<b>Dr. Sudipta Basu</b> IIT Gandhinagar
3:55 pm – 4:15 pm	Invited Lecture (IL-10)	<b>Dr. Ravi Barnwal</b> Panjab University
4:20 pm – 4:35 pm	☉ Tea Break and Networking*	
<b>Session IX: Chairs-Dr. Sudipta Basu and Dr. Ekambaram Balaraman</b>		
4:40 pm – 5:00 pm	Invited Lecture (IL-11)	<b>Prof. Ravi P. Singh</b> IIT Delhi
5:05 pm – 5:25 pm	Invited Lecture (IL-12)	<b>Dr. Namrata Rastogi</b> CDRI Lucknow
5:30 pm – 5:50 pm	Invited Lecture (IL-13)	<b>Dr. Amrendra Kumar</b> IIT Indore
<b>Session X: Chairs- Dr. Namrata Rastogi &amp; Dr. Manas Pal</b>		
5:55 pm – 6:15 pm	Invited Lecture (IL-14)	<b>Prof. Hitesh Patel</b> Gujarat University
6:20 pm – 6:55 pm	RSC Special Session	<b>Dr. Aayushi Arora &amp; Dr. Rajdip Roy</b>
7:00 pm – 7:30 pm	Plenary Session by Cadila on 'Therapeutic Areas'	<b>KOL Doctor</b>
7:30 pm onwards	Dinner and Networking	

### Day 3 – March 26, 2025, Wednesday

Time	Session	Speaker(s)
<b>Session XI: Chairs-Dr. Janakiram Vaitla &amp; Dr. Shally Rana</b>		
9:30 am – 9:50 am	Invited Lecture (IL-15)	<b>Prof. Chandrakumar Appayee</b> IIT Gandhinagar
9:55 am – 10:15 am	Invited Lecture (IL-16)	<b>Dr. Nidhi Gour</b> Indrashil University
10:20 am – 10:40 am	Invited Lecture (IL-17)	<b>Dr. Ramendra Pratap</b> Delhi University
10:45 am – 11:05 am	Invited Lecture (IL-18)	<b>Dr. Gourisankar Roymahapatra</b> HIT Haldia (IPS Representative)
11:10 am – 11:25 am	☉ Tea Break and Networking	
<b>Session XII: Chairs-Dr. Amrendra Kumar &amp; Dr. Ramendra Pratap</b>		
11:30 am – 11:50 am	Invited Lecture (IL-19)	<b>Dr. Subhash Ghosh</b> CSMCRI Bhavnagar
11:55 am – 12:10 pm	Invited Lecture (IL-20)	<b>Dr. Nabanita Sadhukhan</b> ICT Mumbai
12:15 pm – 12:30 pm	Invited Lecture (IL-21)	<b>Dr. Santanu Ghosh</b> Shiv Nadar University
<b>Session XIII: Chairs-Dr. Ravi Barnwal &amp; Dr. Manasi Roy</b>		
12:35 pm – 12:50 pm	Invited Lecture (IL-22)	<b>Dr. Joyee Mitra</b> CSMCRI Bhavnagar
12:55 pm – 1:10 pm	Invited Lecture (IL-23)	<b>Dr. Dinesh Kumar</b> NIPER Ahmedabad
1:15pm – 1:45 pm	<b>Session XIV: Chairs-Dr. Vishnumaya Bisai &amp; Dr. Shally Rana</b>	
<b>Valedictory: Certificate and Prize Distribution</b>		
1:45 pm Onwards	<b>Lunch Break and Departure</b>	
<b>*Lunch Breaks on and 24<sup>th</sup> &amp; 25<sup>th</sup> is Paralleled and extended by Short oral/Poster Presentations/Exhibit booths Display . **Please see separate Schedule for Parallel session</b>		

### Day 3 – March 24, 2025, Wednesday

Time	Session Speaker(s)	
<b>Session XI: Chairs-Dr. Janakiram Vaita &amp; Dr. Ankit Srivastava</b>		
9:30 am – 9:50 am	<b>Invited Lecture (IL-15): Dr. T. Pavan Kumar, CSIR-IMMT –TBA-</b>	Parallel Session VI (Oral Presentations)
9:55 am – 10:15 am	<b>Invited Lecture (IL-16): Dr. Nidhi Gour, Indrashil University</b> <i>Investigating the role of metabolite assemblies in the etiology of Inborn Errors of Metabolism</i>	
10:20 am – 10:40 am	<b>Invited Lecture (IL-17): Dr. Ramendra Pratap, Delhi University</b> <i>Cyanomethylarones: A Source to develop new molecular entity</i>	
10:45 am – 11:05 am	<b>Invited Lecture (IL-18): Dr. Gourisankar Roymahapatra, HIT Haldia (IPS Representative)</b> <i>Chitosan integrated Polysaccharide-Hydrogel; fluorescence responses for bioimaging</i>	
11:10 am – 11:25 am	<b>Tea Break and Networking</b>	
<b>Session XII: Chairs-Dr. Amrendra Kumar &amp; Dr. Ramendra Pratap</b>		
11:30 am – 11:50 am	<b>Invited Lecture (IL-19): Dr. Subhash Ghosh, CSMCRI Bhavnagar</b> <i>Regioselective C-H Functionalization/Annulation: An Efficient Route to Medicinally n- Relevant Heterocycles</i>	
11:55 am – 12:10 pm	<b>Invited Lecture (IL-20): Dr. Nabanita Sadhukhan, ICT Mumbai –TBA-</b>	
12:15 pm – 12:30 pm	<b>Invited Lecture (IL-21): Dr. Santanu Ghosh, Shiv Nadar University</b> <i>Concise Strategy for the Synthesis of Naphthylisoquinoline Alkaloids</i>	
<b>Session XIII: Chairs-Dr. Ravi Barnwal &amp; Dr. Manasi Roy</b>		
12:35 pm – 12:50 pm	<b>Invited Lecture (IL-22): Dr. Joyee Mitra, CSMCRI Bhavnagar</b> <i>Exploring amine-rich supramolecular silver(I) metallogels for catalyst and as membrane-targeting broad-spectrum antibacterial agent</i>	
12:55 pm – 1:10 pm	<b>Invited Lecture (IL-23): Dr. Dinesh Kumar, NIPER Ahmedabad</b> <i>A Novel Chemotype for Oral Cancer via Dual (Distal) C-H Bond Activation Relay Protocol</i>	
1:15pm – 1:45 pm	<b>Session XIV: Chairs-Dr. Vishnumaya Bisai &amp; Dr. Shally Rana</b>	
<b>Valedictory: Certificate and Prize Distribution</b>		
1:45 pm Onwards	<b>Lunch Break and Departure</b>	

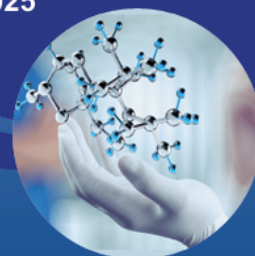
\*Lunch Breaks on and 24th & 25th is Paralleled and extended by short oral/Poster Presentations/Exhibit booths Display

#### SPONSORES



## 1<sup>ST</sup> INTERNATIONAL CONFERENCE ON SUSTAINABLE INNOVATIONS IN DRUG DEVELOPMENT (SIDD-2025)

24<sup>th</sup> - 26<sup>th</sup>  
March, 2025



Please Scan QR code to access  
the E-Abstract book of SIDD-2025

Venue: Department of Chemistry, School of Science,  
Indrashil University, Rajpur – Kadi, Mehsana, Gujarat, India-382715

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**1<sup>st</sup> International Conference in Chemistry  
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9:30 am – 10:30 am	<b>Welcome Address by Dignitaries &amp; Release of 'Souvenir'</b>	
<b>Session I: Chairs-Prof. J. S. Yadav &amp; Prof. G. Mugesh</b>		
10:30 am – 11:05 am	<b>Keynote Lecture: Prof. Vinod K. Singh, IIT Kanpur Creativity in Organic Synthesis and its Implications on Drug Discovery</b>	
11:10 am – 11:40 am	<b>Plenary Lecture (PL-1): Dr. T. Rajamannar, Sun Pharma Advanced Research Company Ltd. Process Development and Sustainable Chemistry</b>	
11:45 am – 12:05 pm	<b>Tea Break and Networking*</b>	
<b>Session II: Chairs-Prof. Tapas K. Kundu &amp; Prof. Alakesh Bisal</b>		
12:10 pm – 12:40 pm	<b>Plenary Lecture (PL-2): Prof. G. Mugesh, IISc Bangalore Small Molecules as Redox Active Artificial Enzymes for Biomedical Applications</b>	
12:45 pm – 1:15 pm	<b>Plenary Lecture (PL-3): Dr. D. S. Reddy, IICT Hyderabad Efforts in Drug Discovery through Natural Products and Process Development of a Lillitegrast Intermediate with Low Carbon Footprint</b>	
1:20 pm – 2:30 pm	<b>Lunch Break and Networking*</b>	
<b>Session III: Chairs-Prof. Sivapriya Kirubakaran &amp; Dr. Poulomi Sengupta</b>		
2:30 pm – 3:00 pm	<b>Virtual Plenary Lecture (VPL-1): Prof. Janine Cossy, ESPCI Paris-France Powerful Tools for The Synthesis of Bioactive Heterocycles Towards Sustainability</b>	Parallel Session I (Poster) Block-B P001-P030
3:05 pm – 3:35 pm	<b>Virtual Plenary Lecture (VPL-2): Prof. Lutz Ackermann, Georg-August-University Göttingen- Germany, TBA</b>	
3:40 pm – 4:10 pm	<b>Virtual Plenary Lecture (VPL-3): Prof. Varinder Aggarwal, University of Bristol- UK Synthesis with Boron at the Helm</b>	
4:20 pm – 4:40 pm	<b>Tea Break and Networking*</b>	
<b>Session IV: Chair- Chairs- Dr. Debendra Mohapatra &amp; Dr. Vijai Singh</b>		
4:45 pm – 5:05 pm	<b>Dr. Bakulesh Khamar: Cadila Pharmaceuticals Ltd. CADILA Special Session on 'CADILA's Innovation'</b>	
5:10 pm – 5:30 pm	<b>Dr. Manjul Joshipura: Cadila Pharmaceuticals Ltd. CADILA Special Session on 'CADILA's Innovation'</b>	
<b>Session V: Chairs- Chair-Dr. Sriram K. Gundimeda &amp; Moderator-Prof. Santosh Gharpure</b>		
5:35 pm – 6:45 pm	<b>Students' Special Academia/Industry Interactive Session Prof. J. S. Yadav (Research Director, Indrashil University) Prof. V. K. Singh (Institute Chair Professor, IIT Kanpur) Dr. T. Rajamannar (Non-Executive Director, SPARC Ltd.) Prof. Tapas K. Kundu (Professor, JNCASR Bangalore) Prof. G. Mugesh (Professor &amp; Dean, IISc Bangalore) Dr. D. S. Reddy (Professor &amp; Director, IICT Hyderabad) Dr. Debesh Das (President, Branded SBU, CADILA) Dr. Vinay Kr. Srivastava (Prof. IU &amp; Asst. Vice President, VFS, CADILA)</b>	
6:45 pm – 7:30 pm	<b>Cultural Program</b>	
7:30 pm onwards	<b>Banquet Dinner and Networking</b>	

**1<sup>st</sup> International Conference in Chemistry  
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**Day 2 – March 25, 2025, Tuesday**

Time	Session Speaker(s)	
<b>Session VI: Chairs- Dr. Vinay Kumar Srivastava &amp; Prof. Satyendra Pandey</b>		
9:30 am – 10:00 am	<b>Plenary Lecture (PL-4): Prof. Tapas K. Kundu, JNCASR Bangalore Epigenetic Regulation of Neurological Disorders: Role of Lysine Acetyltransferases. p300/CBP</b>	Parallel Session II (Invited Lectures)
10:05 am – 10:25 am	<b>Invited Lecture (IL-1): Prof. Santosh J. Gharpure, IIT Bombay New Avenues in Radical Based Approaches to Heterocycles</b>	
10:30 am – 10:50 am	<b>Invited Lecture (IL-2): Prof. Debendra Mohapatra, IISER Berhampur Molecular Mysteries - The Art of Structure Elucidation in Drug Research</b>	
10:55 am – 11:15 am	<b>Invited Lecture (IL-3): Prof. Alakesh Bisal, IISER Kolkata Architecturally Complex Natural Products of Biological Relevance: A Platform for the Discovery of New Strategy/Methodology</b>	
11:20 am – 11:35 am	<b>Tea Break and Networking*</b>	
<b>Session VII: Chairs-Prof. Debendra Mohapatra &amp; Prof. Keshri Nath Tiwari</b>		
11:35 am – 11:55 am	<b>Invited Lecture (IL-4): Dr. Ch. Raji Reddy, IIC-T-Hyderabad Cascade Functionalization/Annulation of Alkenyl Precursors: Construction of Fused- Heterocycles</b>	Parallel Session III (Oral Presentations)
12:00 Noon – 12:20 pm	<b>Invited Lecture (IL-5): Prof. Sivapriya Kirubakaran, IIT Gandhinagar Achieving new avenues in Prostate Cancer therapy via TLK1 inhibition</b>	
12:25 pm – 12:45 pm	<b>Invited Lecture (IL-6): Dr. Janakiram Vaitta, IIT Delhi Switchable Divergent Benzannulation using Vinyl Sulfoxonium Ylides and Electron-Deficient Alkynes</b>	
12:50 pm – 1:10 pm	<b>Invited Lecture (IL-7): Prof. Chandrakumar Appayee, IIT Gandhinagar Development of chiral organo catalysts and their applications</b>	
1:15 pm – 2:25 pm	<b>Lunch Break and Parallel Poster Session*</b>	
<b>Session VIII: Chairs-Prof. Chandrakumar Appayee &amp; Dr. Ankit Srivastava</b>		
2:30 pm – 3:00 pm	<b>Virtual Plenary Lecture (VPL-4): Prof. Rene Gree, Rennes Institute of Chemical Sciences- France Discovery of new potent and selective inhibitors for CLKs kinases</b>	Parallel Session IV (Poster & Oral) Block-B P031-P060
3:05 pm – 3:25 pm	<b>Invited Lecture (IL-8): Dr. Ekambaram Balaraman, IISER Tirunelveli Turning CO<sub>2</sub> into Poly (ether carbonate) diol: A Circular Economy Approach</b>	
3:30 pm – 3:50 pm	<b>Invited Lecture (IL-9): Dr. Sudipta Basu, IIT Gandhinagar Powerhouse targeted small molecule-mediated chemo-photodynamic therapy induces apoptosis in cancer cells</b>	
3:55 pm – 4:15 pm	<b>Invited Lecture (IL-10): Dr. Ravi Barnwal, Panjab University Drug development for RNA target from <i>Neisseria meningitidis</i></b>	
4:20 pm – 4:35 pm	<b>Tea Break and Networking*</b>	
<b>Session IX: Chairs-Dr. Sudipta Basu and Dr. Ekambaram Balaraman</b>		
4:40 pm – 5:00 pm	<b>Invited Lecture (IL-11): Prof. Ravi P. Singh, IIT Delhi Expanding the Repertoire of Chiral Fulvene-Based Bioactive Scaffolds</b>	Parallel Session V (Oral Presentations)
5:05 pm – 5:25 pm	<b>Invited Lecture (IL-12): Dr. Namrata Rastogi, CDRI Lucknow Sustainable Organo photocatalytic Synthesis of Carbo/Heterocycles</b>	
5:30 pm – 5:50 pm	<b>Invited Lecture (IL-13): Dr. Amrendra Kumar, IIT Indore Ruthenium Complexes as Promising Anti-Cancer Agents</b>	
5:55 pm – 6:15 pm	<b>Session X: Chairs- Dr. Namrata Rastogi &amp; Dr. Manas Pal Invited Lecture (IL-14): Prof. Hitesh Patel, Gujarat University Research Makes Zero to Hero</b>	
6:20 pm – 6:55 pm	<b>RSC Special Session: Dr. Aayushi Arora &amp; Dr. Rajdip Roy</b>	
7:00 pm – 7:30 pm	<b>Plenary Session by Cadila on 'Therapeutic Areas'-TBA-</b>	
7:30 pm onwards	<b>Dinner and Networking</b>	