

International Conference on Trends and Innovations in Science and Engineering: Bridging the Industry-Academia Interface



20 – 22 February 2025

THREE-DAY PROGRAM STRUCTURE

Department of Bioengineering

Faculty of Engineering & IT

AND

INTEGRAL STARTUPS FOUNDATION

in association with

AFSTI Lucknow Chapter and Indian National Young

Academy of Sciences, New Delhi

CONFERENCE THEME

INNOVATION ACROSS DISCIPLINES & BORDERS : FOSTERING GLOBAL PERSPECTIVE
TO BUILD A SKILLED WORKFORCE FOR A SUSTAINABLE TOMORROW

Academic Partners

- Bundelkhand University, Jhansi, M.P., India

International Partners

- Tashkent Institute of Chemical Technology, Tashkent, Uzbekistan
- Institute of Microbiology, Republic of Uzbekistan
- King Mongkut's Institute of Technology Ladkrabang (KMITL) Thailand
- Al-Farabi Kazakh National University Almaty, Republic of Kazakhstan
- Hamad Medical Corporation, Doha, Qatar

Partnering Societies

- AFSTI Lucknow Chapter
- Indian National Young Academy of Sciences, New Delhi
- The Biotech Research Society, India

Participating Govt. Organizations

- Department of Biotechnology, DBT
- DST-SERB
- DBT-BIRAC
- DST-IUSSTF
- UP-CST
- CSIR-NBRI, CIMAP, CDRI, IITR, CFTRI
- ICAR-CISH
- Regional Food Research and Analysis Center, (RFRAC) Lucknow
- StartinUP
- National Skill Development Corporation (NSDC)

Participating Industry/research organizations

- Larsen & Turbo
- Altem Technologies Pvt. Ltd., Bangalore, India
- Novartis Pvt Ltd
- Sun Pharma Pvt Ltd
- Aurigene Oncology Limited, subsidiary of Dr. Reddy's Laboratories
- Fruz Pvt Ltd
- Farm to Fork Solutions Pvt. Ltd
- Veeda Life Sciences, Ahmedabad
- Novartis
- Cura TeQ
- AMA Herbals

DAY 1: February 20, 2025 - Inauguration and Industry Engagement

Inaugural Session: Collaboration between Academia, Research organization, Industry and Government in Driving Innovation

- Bridging the Gap Between Science, Engineering, and Society
- Cross-Disciplinary Innovations in Energy, Medicine, and Environment
- Global collaboration in the face of industry-specific challenges

Time	Session	Speakers/Details
08:00 - 08:30	Registration & Welcome Coffee	
08:30 - 09:30	Welcome to Distinguished Guests the guest room	IU Dignitaries
09:30-09:40	Welcome address and Briefing about the TISE CON 2025	Prof. Alvina Farooqui , Head, Department of Bioengineering and Organizing Chair TISE CON 2025 University Tarana
09:40-09:50	Briefing About University	Prof. Mohd Haris Siddiqui , Registrar, Integral University and Co-Patron TISE CON 2025
09:50-10:00		Dr. Nida Fatima , Executive Director, Integral Startups Foundation and Co-Patron TISE CON 2025
10:00-10:10	About ISF	Dr. Nida Fatima , Executive Director, Integral Startups Foundation and Co-Patron TISE CON 2025
10:10-10:20	Declaration Of TISE CON 2025 OPEN	Prof. S. W. Akhtar , Honorable Founder and Chancellor, Integral University
10:20-10:30	About the dignitaries on the DIAS & About Open Discussion	Prof. Alvina Farooqui , Head, Department of Bioengineering and Organizing Chair TISE CON 2025
10:30-11:30	Open Discussion: “Building a Skilled Workforce for Viksit Bharat@2047: Education and Training for the Sustainable Tomorrow” <ul style="list-style-type: none"> • Bridging the Gap Between Science, Engineering, and Society • Cross-Disciplinary Innovations in Energy, Medicine, and Environment • Global collaboration in the face of industry-specific challenges 	
	Moderator	Prof. Sangeeta Saxena , BBAU, Lucknow.
	Members on the Dias	1. Hon’ble Chancellor, Integral University Lucknow 2. Padmashri Prof. GD Yadav, Former Vice-

		Chancellor ICT Mumbai
		3. Hon'ble Pro Chancellor, Integral University Lucknow
		4. Hon'ble Vice Chancellor, Integral University Lucknow (online)
		5. Prof. Anand Kumar Singh, Hon'ble Vice Chancellor, Chandra Shekhar Azad University of Agriculture & Technology, Kanpur; Former DDG Horticulture, ICAR, New Delhi.
		6. Prof. Sunil K Khare, VC NSCBIHL Central Deemed University, Andaman & Nicobar and Director, IISER Kolkata
		7. Ms Febin M F, National Head – Academics, L & T Headquarters Chennai
		8. Dr. Zebo Babakhanova, TICT, Tashkent
		9. Director, CST-UP
		10. Dr. Venkata R Yeturu, Associate President CuraTeq
		11. Prof. Haris Siddiqui, Registrar, Integral University, Lucknow
11:30-11:40		Sustainability Pledge: Organizing Chair
11:40-11:50		Release of the Conference Souvenir
11:50-12:00		Presentation of Conference Memento
12:00-12:30	Keynote Session 1	Padmashri Prof. GD Yadav Former Vice Chancellor, (ICT), Mumbai Title: 3P: Patent, Publish, and Prosper – Creating Value from Academic Research and Innovation
12:30-12:35		Vote of Thanks by Prof. Iffat Zareen Ahmad
12:35-12:40		National Anthem
12:40-12:50		Group Photographs, Exhibition Inauguration
12:50 onwards		Inauguration of TISE CON EXPO-2025 followed by LUNCH
14:30-15:30	Plenary Session 1: Nurturing the incubations “Transforming Life Sciences Start-ups: The Power of Collaboration Between Academia and Industry”	
Session Incharges	Chairperson	Dr. Nida Fatima , Executive Director, ISF, Integral University Lucknow
	Co-Chairperson	Dr. Parthasarthi , IITR & AFSTI, Lucknow Chapter
	Coordinator	Dr. Noor Alam , Incubation Manager, ISF, Integral University Lucknow
	Rapporteur	Mr. Rafey , ISF, Assistant Incubation Manager, Integral University Lucknow
14:30-15:00		1. Dr. Amjad Hussain Professor, Cancer Research Institute (CRI), Dehradun. Cofounder: Canfinis Therapeutics & Ulo Labs Director, Centre for innovation and entrepreneurship, SRHU Dehradun

		Topic: <i>Transforming Health: Building profitable Biotechnology Startups in Oncology and Nutrition</i>
15:00-15:30		2. CA Rishabh Kumar Sawansukha CEO, Fruz India Private Limited Topic: <i>Idea 2 IPO-Future of AI in Food technology, community commerce - QSR x Quick Commerce, recipe of success in hyper personalized food choices</i>
15:30-16:00		3. Dr. Mahesh Bhalgat Group CEO & MD, Veeda Lifesciences Veeda Clinical Research Limited Ahmedabad
16:00-16:45	Panel Discussion 1 <i>Theme: From lab to market commercializing academic research</i>	Moderator: Dr. Parthasarthi , IITR & AFSTI, Lucknow Chapter: Rapporteur: Prof. Asma Farooq , Department of Business Management, IU Coordinator: Dr. Orooj Siddiqui , Assoc. Professor, Department of Business Management, IU
	Panelists	1. Mr. Yawer Ali Shah, CEO, AMA Herbals 2. Dr. Amjad Hussain, Canfinis Therapeutics & Ulo Labs 3. Mr. Nilesh Lele, Partner RampUp, Advisory LLP, President, CASMB 4. CA Rishabh Kumar Sawansukha, CEO, Fruz India Private Limited 5. Dr. Sanjiban Banerjee, ABGENIX life sciences Pvt Ltd (ONLINE)
16:45-17:30	Panel Discussion <i>Theme: AI, automation and the changing landscape of science and engineering careers''</i>	Moderator: Dr. Rajiv Ranjan , Dean Management, Integral University, Lucknow. Rapporteur: Dr. Rizwana Atiq , Assoc. Professor, Department of Business Management, IU Coordinator: Dr. Sufia Rehman , Training & Career Guidance, IU
	Panelists	1. Prof. Sunil Kumar Khare, IISER, Kolkata 2. Dr. Shozeb Haider, UCL, London 3. Dr. Ritu Trivedi, CSIR-CDRI 4. Dr. Saurabh Singh, Novartis (ONLINE) 5. Dr. Salman Hashmi, Sun Pharma
17:30-18:30	TEA BREAK AND NETWORKING	
18:30 onwards	Cultural Fest, Gala Dinner and Networking	