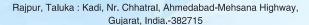


### INDRASHIL UNIVERSITY

A LIFE SCIENCES UNIVERSITY
Sustained Excellence with Relevance





# International Conference on Interdisciplinary Approaches in Biological Sciences for the Sustainable Well-being (IABSSW)-2025

July 30<sup>th</sup> to August 1<sup>st</sup>, 2025 Venue: Indrashil University

Organized By

Department of Biosciences, School of Science Indrashil University, Gujarat, India.

### Address for Correspondence

### Dr. Randhir Kumar

Organizing Secretary
Assistant Professor

Department of Biosciences, School of Science

Indrashil University, At. & Po.: Rajpur, Ta. Kadi, Dist.: Mehsana,

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Rajpur, Taluka : Kadi, Nr. Chhatral, Ahmedabad-Mehsana Highway, Gujarat, India.-382715





**Dear Participants** 

Greetings from Indrashil University!!

It is our great pleasure to extend a cordial invitation to you to participate in the "International conference on Interdisciplinary Approaches in Biological Sciences for the Sustainable Wellbeing (IABSSW)" -2025 to be organized by Department of Biosciences, School of Science, Indrashil University, Gujarat, India. Our university is an educational initiative of Cadila Pharmaceuticals Ltd., one of the largest privately held pharmaceutical Company in our country.

The central theme of the conference is "Sustainable well-being" which depends on the health of humans, ecosystems, and economies. Interdisciplinary approaches in biological sciences are crucial for understanding these interdependencies and developing integrated solutions. Therefore, IABSSW-2025 aims to foster collaboration and knowledge exchange among researchers, academicians, and practitioners from diverse biological and allied disciplines to explore integrative and innovative approaches that contribute to sustainable health, environmental balance, and overall human well-being. Embracing such collaboration not only leads to more comprehensive science but also ensures that its outcomes are meaningful, ethical, and impactful across the society.

The conference will cover a wide range of themes, including Sustainable Health and Medicine, Environmental Biology and Ecosystem Sustainability, Agricultural and Food Sciences, Microbial and Molecular Approaches, and Interdisciplinary Innovations in Biotechnology. The discussions at the conference are certain to drive forward research and development in these vital fields of interdisciplinary biological sciences.

The scientific program will feature keynote addresses, plenary and invited lectures, panel discussions, and poster presentations. This conference offers a valuable platform for graduate and postgraduate students, research scholars, faculty members, industry professionals, and medical practitioners to engage with leading scientists from around the world, share their research ideas, and enhance their skills for improved scientific outcomes.

We sincerely hope you will consider our invitation and confirm us at your earliest convenience. It would be our great honour and privilege to welcome you at our campus in Kadi, Gujarat.

We look forward to your positive response.

With warm regards,

Dr. Randhir Kumar Organizing Secretary IABSSW-2025 Dr. Sanjay Karn
Convenor
IABSSW-2025

### Chief Patron Con



Shanti Swarup Bhatnagar Fellow
Prof. (Dr.) J. S. Yadav
Former Director, IICT Hyderabad
Research Director, Indrashil University



Prof. (Dr.) D. J. Shah

Provost
Indrashil University

Patron C



Prof. (Dr.) Kartik Jain Registrar, Indrashil University

Chairperson Constitution



Prof. (Dr.) Keshri Nath Tiwari
Dean, School of Science
Head, Dept. of Chemistry



Prof. (Dr.) Vijai Singh
Dean R & I, Indrashil University
Head, Dept. of Biosciences

### Scientific Advisory Committee &



Prof. (Dr.) Govardhan Mehta Former Director, IISC Bangalore **Distinguished Professor**, University of Hyderabad



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Prof. (Dr.) Himanshu Pandya Former Vice chancellor, **Gujarat University** 



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Prof. (Dr.) Damodar Acharya **Former Director-IIT** Kharagpur



**Dr. Nirmal Kumar Ganguly** Former Director General, ICMR, New Delhi

Organizing Committee Committee



**Organizing Secretary** 



Dr. Randhir Kumar **Assistant Professor** 

Convenor



Dr. Sanjay Karn **Assistant Professor** 

**Co-Convenor** 



Dr. Rupesh Maurya **Assistant Professor** 



Dr. Alka Shankar **Assistant Professor** 

### Eminent Speakers C

#### **Chief Guest**



**Prof. (Dr.) Rama Shanker Dubey**Honorable Vice-Chancellor
Central University Gujarat, Vadodara

#### **Guest of Honour**



**Prof. (Dr.) Subeer S. Majumdar**Director General
Gujarat Biotechnology University, Gandhinagar



Prof. (Dr.) Anil Kumar Tripathi
Director
IISER Mohali



Prof. (Dr.) Santanu Bhattacharya
Director
IISER Tirupati



**Prof. (Dr.) Chandana Haldar** Former Director, Institute of Science Banaras Hindu University, Varanasi



Prof. (Dr.) Devi P. Sarkar Former Director IISER Mohali



Prof. (Dr.) Sanjay Malhotra
Director
OHSU, USA



**Prof. (Dr.) Meenu Saraf**Professor and Director
Gujarat University, Ahmedabad



**Prof. (Dr.) Hitesh Solanki**Professor,
Gujarat University, Ahmedabad



**Dr. Shasi Vardhan Kalivendi**Senior Principal Scientist
C SIR - IICT-Hydrabad



**Dr. Dhiraj Bhatia** Associate Professor, IIT- Gandhinagar

# List of Tentative Invited Speakers Q

- Dr. Sameer Gupta, Banaras Hindu University, Varanasi
- Dr. Ashish Dwivedi, IITR, Lucknow
- Dr. Amit K. Pandey, NIPER, Ahmedabad
- Dr. Deo Prakash Chaturvedi, DBT, New Delhi
- Dr. Aneesha Singh, CSMCRI, Bhavnagar
- Prof. (Dr.) Rakesh Rawal, GBU Gandhinagar
- Dr. Rohini R Nair, GBU, Gandhinagar
- Dr. Ranjeet K. Nirala, University of Delhi
- Dr. Ruchi Roy, University of Illinois, USA
- Dr. Rafiq Ahmed, Pukyong National University, South Korea
- Dr. Aanand Kumar Singh, IISER Tirupati
- Dr. Sangeeta Jaiswal, University of Michigan, USA
- Dr. Vineet K. Maurya, Baylor College of Medicine, Texas, USA
- Dr. Sunil Kumar, University of Illinois, USA
- Dr. Ranjeet Mehta, University of Michigan, USA
- Dr. Waquar Akhter Ansari, Marwadi University, Rajkot
- Dr. Mohd Aamir, Parul University, Baroda
- Dr. Nikee Awasthi, University of Florida, USA
- Dr. Seema Pradhan, ILS, Bhubaneswar
- Dr. Akhilesh Yadav, University of California, USA
- Dr. Ravi Kumar, University of Missouri, USA
- Dr. Akhilesh K. Yadav, J.C.S. University. U.P.
- Dr. Tarun Minocha, University of Texas, USA
- Dr. Vipin Rai, Rutgers University, USA
- Dr. Himanshu Paliwal, Marwadi University, Rajkot
- Dr. Pooja Singh, University of Florida, USA



# Sub-Themes of the Conference

#### Sustainable Health and Medicine

- · Integrative and personalized medicine
- · Role of biotechnology in sustainable healthcare
- Traditional knowledge systems and modern therapeutics

# **Environmental Biology and Ecosystem Sustainability**

- · Biodiversity conservation and ecosystem services
- · Climate change biology and adaptation strategies
- Restoration ecology and sustainable habitat management

#### **Agricultural and Food Sciences**

- · Sustainable agriculture and crop improvement
- · Genomic tools for food security
- · Biotechnology in agroecological practices

#### Microbial and Molecular Approaches

- · Microbiome research in health and environment
- · Molecular biology tools for sustainability
- · Genomics and synthetic biology for bioremediation

#### **Interdisciplinary Innovations in Biotechnology**

- · Bioinformatics and systems biology
- · Bioengineering for sustainable development
- · Bioproducts and green technologies

### Mode of Conference Mode

The conference will be held in a hybrid mode (both in-person and online), providing a flexible and accessible platform for knowledge exchange. We would be honoured if you could participate in either mode that suits you best.

# Details of Conference Registration Fees

	Before 19 <sup>th</sup> July, 2025			
	Indian participant		International Participant	On the Spot registration
Category	Offline	Online		Amount
Student	Rs. 2000	Rs. 1500	40\$	Rs. 2500
Faculty	Rs. 2500	Rs. 2000	50\$	Rs. 3000
Industry personnel's	Rs. 3500	Rs. 3000	100\$	Rs. 4000
Group registration	Discount on group registration			

#### **Abstract Submission Guideline**

Abstract are invited from Researchers & Students for Poster/Oral Presentation.

All Font : Times New Roman

Length : Not more than 300 words

Title : 14 Size | Authors : 12 Size

Affiliation : 10 Size

Email : 08 Size | Abstract Heading: 12 Sizes

Abstract Text : 12 Size

Keywords : 3-5 Words in 10 Sizes

Poster Size : 3 ft(w) X 4 ft(h)

Last Date of Abstract Submission : 15/07/2025

Abstract Acceptance Confirmation : 16/07/2025

#### **Registration and Payment**

Complete your registration online using the conference QR code and submit the payment either by scanning the QR code or transferring it directly to the beneficiary account (IABSSW-2025).

Scan for Registration: Direct Payment



Beneficiary Name: Indrashil University Name of the Bank: RBL Bank Limited

Account No. : 409000965203

Branch : Ellisbridge, Ahmedabad

IFSC : RATN000158 Swift Code : RATNINBB

OR

payment can be made via UPI ID : INDRASHILUNIVERSITY@rbl

## Accommodation Q

A number of hotels and guest houses are available in close proximity to the University, located in Kalol and Kadi. Participants are encouraged to make their own accommodation arrangements for the duration of the conference. However, if requested in advance, the organizers may assist in arranging hotel or guest house accommodations near the venue, subject to availability and respective tariffs. Additionally, shared hostel accommodation may be provided for limited student participants at a nominal charge of Rs. 500 per day.



Ahmedabad (including Kadi) experienced typical monsoon weather characterized by warm temperatures and intermittent rainfall. During the day, temperatures ranges between 30°C and 34°C, dropping to 26°C to 28°C at night.



The language of the conference will be English. Simultaneous translation will not be available.

## About Sponsorship &

We invite industry partners to take advantage of unique opportunities to highlight their products, services, and innovations at our event. Participants can engage in promotional activities through structured sponsorship packages, including exhibition booths, branded sessions, and curated networking events. This conference offers a powerful platform to increase your company's visibility, engage with an international and national audience, and forge valuable connections with prospective clients and collaborators.

#### Platinum Sponsor

Investment: Rs. 75,000

#### **Top-Level Visibility and Exclusive Access**

- Premier logo placement on all conference materials and digital platforms
- Speaking opportunity during session
- Complimentary exhibitor booth in a prime location
- 3 complimentary conference registrations
- Acknowledgement during valedictory function

#### **Gold Sponsor**

Investment: Rs. 50,000

#### **High Visibility and Engagement Opportunities**

- Prominent logo placement across digital and print materials
- Exhibition booth
- 2 complimentary registrations
- Acknowledgement during valedictory function

#### **Silver Sponsor**

Investment: Rs. 25,000

#### **Enhanced Exposure and Brand Alignment**

- 2 complimentary registrations
- Display of logo on backdrop
- Acknowledgement during valedictory function

### About the Conference Q

Sustainable well-being depends on the health of humans, ecosystems, and economies. The complexity of contemporary global challenges, such as climate change, pandemics, food security, and biodiversity loss, demands collaboration across multiple scientific and social domains. Therefore, Interdisciplinary approaches in biological sciences are crucial for understanding these interdependencies and developing integrated solutions. IABSSW-2025 aims to foster collaboration and knowledge exchange among researchers, academicians, and practitioners from diverse biological and allied disciplines to explore integrative and innovative approaches that contribute to sustainable health, environmental balance, and overall human well-being. Biological systems are interconnected with physical, chemical, social, and technological systems. For example, Understanding and combating emerging infectious diseases—like COVID-19 or zoonotic outbreaks—requires input from biology, epidemiology, veterinary science, environmental science, data science, and behavioural studies. These collaborations lead to better surveillance, prevention strategies, and treatment options that are socially and environmentally responsible.

Embracing such collaboration not only leads to more comprehensive science but also ensures that its outcomes are meaningful, ethical, and impactful across the society. The conference will cover a wide range of themes, including Sustainable Health and Medicine, Environmental Biology and Ecosystem Sustainability, Agricultural and Food Sciences, Microbial and Molecular Approaches, and Interdisciplinary Innovations in Biotechnology. The discussions at the conference are certain to drive forward research and development in these vital field of interdisciplinary biological sciences.

### About the University &

Indrashil University was established in 2017 as a Corporate Social Responsibility (CSR) initiative by Cadila Pharmaceuticals Ltd., under the Gujarat Private Universities (Amendment) Act, 2017. It is recognized by the University Grants Commission (UGC) and approved by the All-India Council for Technical Education (AICTE). It embodies the vision of founding chancellor, Dr. Rajiv I. Modi, in memory of his parents, Shri Indravadan A. Modi and Smt. Shilaben Modi. The university aims to transform lives through education, emphasizing research and innovation, particularly in life sciences and interdisciplinary subjects. It offers a diverse range of programs across various disciplines such as Science (Allied subject of Life Sciences, Chemistry and Forensic science), Engineering, Management and Pharmacy. The university is research-driven, with initiatives like the Atal Incubation Centre (AIC-ISE) promoting entrepreneurship in science and engineering. It has established international collaborations to provide global exposure to its students and faculty. These partnerships facilitate student and faculty exchange programs, joint research projects, and curriculum enhancement, aiming to develop students with global professionalism.

### About School of Science &

The School of Sciences offers study to students of undergraduate (honours), postgraduate and Doctoral (PhD) programmes in Biosciences and Chemistry. The curricula are structured to equip students with a strong foundation in Biosciences and Chemistry complemented by hands-on training in advanced, industry-standard laboratories The school prepares and nurtures students for careers in the biochemical and pharmaceutical industries, as well as in research and academic sectors.

# About the Department of Biosciences

The Department of Biosciences at Indrashil University is dedicated to fostering advanced learning and pioneering research in the life sciences. As part of the School of Sciences, the department offers a range of undergraduate (Biotechnology and Microbiology), postgraduate (Biotechnology, Microbiology and Zoology), and doctoral programs designed to equip students with both theoretical knowledge and practical skills. Our programs emphasize student-centered learning, practical training, skill enhancement, and global career opportunities. Faculty members are actively involved in research projects funded by national and state agencies, including the Department of Science and Technology (DST) and the Gujarat State Biotechnology Mission (GSBTM). Research scholars have access to state-of-the-art laboratories and are guided by experienced faculty members with international research backgrounds. Graduates from the Department of Biosciences have opportunities in various sectors, including Healthcare and medical research, Pharmaceutical and agrochemical industries, Environmental and conservation organizations and Educational and research institutions.

### About the City Contract

The area encompassing Mehsana, Ahmedabad, and Gandhinagar boasts a rich tapestry of cultural and historical landmarks. In Mehsana, the Modhera Sun Temple stands as a magnificent example of ancient Indian architecture. Ahmedabad offers a deep connection to the nation's past with the Sabarmati Ashram, a pivotal site in India's independence movement, and the ornately carved Adalaj Stepwell. Gandhinagar draws visitors with the impressive Akshardham Temple, celebrated for its intricate design and peaceful atmosphere. Just a short journey away in Patan lies the UNESCO-listed Rani Ki Vav, a stepwell that reflects the brilliance of medieval craftsmanship. Nature enthusiasts can explore the Thol Wildlife Sanctuary, a haven for migratory birds. Across all three cities, bustling local markets invite travelers to experience the vibrant flavors and traditions of Gujarati life.

### Important Dates to be Remembered

Last date of abstract submission : 15<sup>th</sup> July, 2025

Date of abstract acceptance : 16<sup>th</sup> July, 2025

Date of conference : 30<sup>th</sup> July - 1<sup>st</sup> August, 2025