International Conference: One Sustainable Health Summit

Organized by: One Sustainable Health for All Foundation

(OSHS 2025) held on 12th-14th October 2025

at

Indian Institute of Science (IISc), Bengaluru, Karnataka, INDIA

Regional Representatives of One Sustainable Health, in collaboration with One Sustainable Health for All Foundation, organized the One Sustainable Health Summit (OSHS 2025), held from 12th to 14th October 2025 at the Indian Institute of Science (IISc), Bengaluru. The summit involved participants from various parts of India (South, North, East, and West), as well as from Nepal, Bangladesh, and France. Presenting a brief summary, key highlights, and conclusions from the discussions.

Organiser :

Dr. Brian B. Rudkin, Head, One Sustainable Health Forum & Strategic Initiatives

Prof. Utpal S. Tatu, Chairman, Department of Biochemistry, IISc Bengaluru, INDIA

Prof. Praveen C. Ramamurthy, Chairman, Interdisciplinary Centre for Water Research, IISc Bengaluru, INDIA

Sponsor :

Bigtec Private Limited

Volunteers :

Students and faculty members from the Department of Biochemistry and ICWaR actively participated and supported the event.

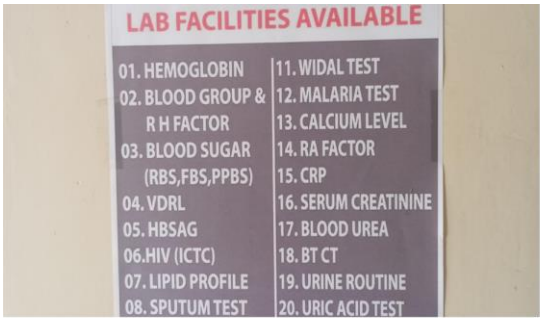
Speaker & Attendees :

Annexure I

Village visit Organized by Prof. Utpal S. Tatu on 12 October 2025

OSHS 2025 was kicked-off by a field trip to the **'One Health Village'** conceptualized by **Prof. Utpal S. Tatu in 2020.** which aims to integrate **human, animal, and environmental health** at the community level. The program began at the primary health centre, supported by volunteers from ICWaR and the Department of Biochemistry, fostering collaboration and learning under the One Health approach.

At the **primary health centre**, individuals received their **follow-up rabies vaccinations**. Medical staff demonstrated the procedure and discussed available testing facilities. Thanks to the **awareness efforts** of **Prof. Utpal S. Tatu**, villagers now promptly seek vaccination after dog bites, reflecting greater **community awareness and responsibility** under the **One Health initiative.**



Prof. Utpal S. Tatu, along with accompanying guests, visited the **village pig** and **chicken farms** of the village and also the local **veterinary hospital**. The team observed **livestock** and **poultry management practices**, including ongoing **vaccination and animal health campaigns**. Discussions focused on improving **animal hygiene, disease prevention**, and the role of veterinary care in community health. The visit emphasized the importance of **monitoring animal health and Antibiotic use within the One Health framework**, reinforcing the vital connection between **human, animal, and environmental health** for sustainable wellbeing.

Day 1 (13 October 2025)

Welcome and Opening Remarks

The session began with opening remarks by **Prof. Utpal S. Tatu**, Chairman, Department of Biochemistry, Indian Institute of Science (IISc), Bengaluru, who set the tone for the One Sustainable Health Summit (OSHS 2025). **Prof. Tatu** spoke about the vision behind the summit and emphasized the importance of integrating human, animal, and environmental health through collaborative and interdisciplinary approaches. He highlighted that One Health is not merely a concept but a collective responsibility requiring cooperation across scientific and societal boundaries.

Following **Prof. Tatu's** address, **Prof. Praveen C. Ramamurthy**, Chairperson, ICWaR, IISc, delivered the welcome note. He reflected on the conceptual foundation of One Health, recalling earlier discussions with **Prof. Utpal S. Tatu** that inspired the idea of creating a platform where experts working on inter-connected yet distinct aspects of health could come together. **Prof. Praveen** emphasized that the purpose of the summit was not simply to popularize the term "One Health," but to demonstrate how true interdisciplinary collaboration can generate tangible impact.

He expressed that the summit was largely initiated by **Prof. Utpal Tatu** to encourage young researchers and students to engage with experts across disciplines. **Prof. Praveen** also appreciated the enthusiastic participation of all delegates, particularly early-career scientists, and noted that the following sessions would offer rich opportunities for shared learning and collaboration.

He further mentioned the field visit organized the previous day, during which **Prof. Utpal's team** had showcased their ongoing One Health projects in the local village of Bettahalasuru in Bangalore. The visit, he said, effectively demonstrated the practical, community-level implementation of One Health principles and reflected the team's commendable commitment to grassroots engagement.

Prof. Praveen concluded his remarks by once again welcoming all participants and inviting **Prof. Utpal S. Tatu** to the stage to continue with the formal inaugural proceedings.

Inaugural Speech

Speaker: Prof. G. Balram, Chairperson, Board of Trustees, ATREE; Former Director, IISc

- **Key Points:**
    - Recounted IISc's history in water research, starting from the Indo-French Water Cell.
    - Emphasised the interdisciplinary approach of One Health as encompassing human, animal, and environmental health.
    - Stressed the emerging challenge of water scarcity and the link between water, health, and policy.
    - Urged young researchers to develop mutual understanding across disciplines to achieve true interdisciplinary science.

Opening Remarks

Speaker: Dr. Krishna Reddy, CEO, ACCESS Health International

- **Highlights:**

- Traced the conceptual and policy evolution of the One Health framework — from the tripartite collaboration (WHO, FAO, WOAH) to the post-COVID quadripartite inclusion of UNEP.
- Discussed India's policy initiatives and the need for a National Action Plan on One Health.
- Called for grass-roots social change and inter-ministerial governance to mainstream the concept.
- Reflected on ancient philosophies (Vedic, Buddhist, Daoist) that mirror the principles of interconnected health systems.

Talks

Talk 1: Point of Care Pathogen ID and AMR

Speaker: Dr. Chandrashekar Nair, Director, Bigtec Labs

- **Summary:**
  - Shared the journey from a village in India to creating Bigtec's global diagnostic platform.
  - Described the development of portable, battery-operated PCR devices enabling rapid diagnostics in low-resource settings.
  - Highlighted impact on tuberculosis detection programs across Asia and Africa.
  - Advocated for frugal engineering and integration of AI/ML for personalised and precise healthcare delivery.

***Special Interaction**

Speaker: Dr. Krishnaswamy (96-year-old IISc Alumnus)

- **Remarks:** Shared historic insights on the evolution of diagnostic medicine in India, including his pioneering work on glycated hemoglobin (HbA1c) testing. Encouraged the younger generation to pursue innovation with adventure and scientific rigour.

Talk 2: One Health and Water Bodies

Speaker: Prof. Subodh Sharma, Professor, Kathmandu University, Nepal & IIT Roorkee

Summary of Discussion:

- Prof. Sharma emphasized that water ecosystems are the core of the One Health framework, as contamination and ecosystem degradation directly affect human and animal health.
- Shared research insights from Himalayan river systems and transboundary waters (India–Nepal), demonstrating the relationship between water quality deterioration and emerging infectious diseases.
- Highlighted the urgent need to monitor microbial pollution, heavy metals, and emerging contaminants (pharmaceuticals, endocrine disruptors).
- Discussed hydrological alterations due to damming and excessive groundwater extraction that disrupt aquatic ecology and fish biodiversity.
- Presented examples from the Bagmati River Restoration Project in Nepal and Ganga River rejuvenation studies at IIT Roorkee.
- Called for integrated monitoring combining remote sensing, GIS, and community-based sampling to ensure sustainable management of freshwater ecosystems.

Talk 3: Strategic Outreach for Public Health – From Grassroot Capacity Building to Policy Advocacy: The APSI Consortium Success

Speaker: Dr. Sufia Sadaf, Lead Program Manager – Public Health Outreach, NCBS–TIFR

Highlights:

- Presented the APSI Consortium (Antimicrobial and Pathogen Surveillance Initiative) as a model of multi-level collaboration between research institutions, local communities, and government agencies.

- Focused on capacity building and behaviour change communication (BCC) at the grassroots level to promote health awareness and safe practices.
- Discussed how field officers were trained in AMR surveillance, community hygiene promotion, and rapid outbreak reporting.
- Demonstrated effective policy advocacy mechanisms, where data from field-level activities directly informed state-level AMR strategies.
- Stressed that sustainable health transformation requires "science to travel beyond laboratories and policies to rise from the grassroots."

Talk 4: One Water

Speaker: Prof. Praveen C. Ramamurthy, Chairperson, ICWaR, IISc

Session Summary:

- Prof. Praveen introduced the "One Water" concept, emphasizing that all forms of water, surface, groundwater, stormwater, and wastewater, are interconnected and must be managed holistically.
- Outlined IISc's ongoing research on urban water resilience, including circular reuse and recharge mechanisms implemented within the campus.
- Highlighted challenges of water-energy interdependence, noting that the current urban water systems are both energy-intensive and unsustainable.
- Proposed integrated water management frameworks combining hydrological modelling, GIS, and AI for smart decision-making.
- Demonstrated IISc's campus-scale water recycling project, where treated water is reused for cooling towers, gardening, and sanitation.
- Called for cross-sectoral collaboration among scientists, urban planners, and public health experts to ensure sustainable and equitable water access.

Talk 5: Wastewater Treatment and Recycling

Speaker: Prof. L. N. Rao, Professor, IISc

Highlights of the Presentation:

- Prof. Rao discussed the central role of wastewater reuse and recycling in urban sustainability and disease prevention.
- Explained different treatment processes, activated sludge, SBR, MBR, and anaerobic digestion, tailored for Indian conditions.
- Shared case studies of IISc's decentralized treatment systems (DTS), highlighting their energy efficiency and nutrient recovery potential.
- Emphasized bioenergy recovery from wastewater through methane generation and its role in offsetting treatment costs.
- Discussed the environmental implications of untreated discharges on urban lakes and wetlands, calling for stronger regulatory compliance.
- Introduced emerging treatment technologies such as membrane bioreactors (MBR) and AI-driven process optimization.
- Advocated for public-private-academic partnerships to accelerate wastewater reuse in industry and agriculture.

The post-lunch session resumed with **Prof. Utpal S. Tatu** welcoming participants and introducing the keynote speaker **Dr. Brian B. Rudkin**, Head of the One Sustainable Health (OSH) Forum, joining virtually from France.

Talk by Dr. Brian B. Rudkin – "One Sustainable Health for All: Listening to and Mobilising Civil Society in Europe and Beyond"

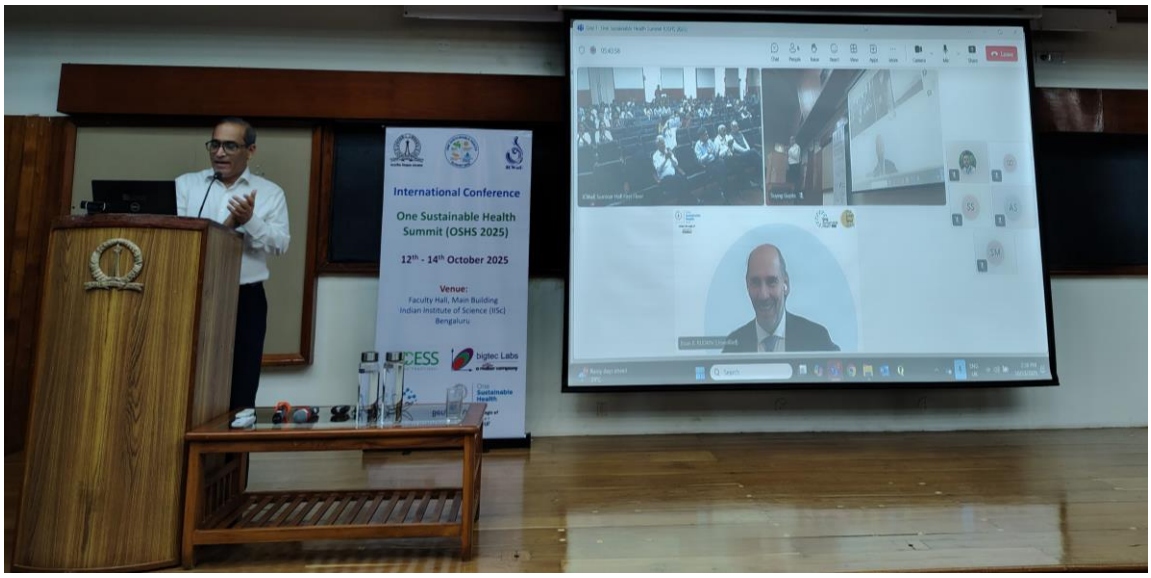
Dr. Rudkin presented the global framework of the One Sustainable Health Forum and its initiatives to integrate health, environment, and societal goals through civil engagement and policy dialogue.

Key highlights from his talk:

- The OSH Foundation was launched in 2020 and now functions under the Institut Pasteur (since July 2024).
- The forum has grown from six to ten international working groups addressing topics such as environmental health, sustainable agriculture, governance, finance, and digital health.
- A core principle of the forum is to merge local practices with global expertise, ensuring representation from the Global South.
- OSH has created global partnerships through its One Europe for Global Health Coalition, providing recommendations to the European Union and national health ministries.
- Plans are underway to establish a Global Network of One Sustainable Health Institutes, promoting collaboration across Africa, Asia, Europe, and Latin America.
- He emphasized that "humans are the planet's microbiota", stressing interdependence between planetary, animal, and human health.

- The OSH approach seeks practical impact through data sharing, innovation platforms, and partnerships with WHO.

Despite intermittent technical issues, the presentation continued smoothly, and the audience responded enthusiastically. Prof. Tatu thanked Dr. Rudkin for his inspiring insights and expressed hope for future in-person collaboration.



Talk 6: Adaptive Transformation of Health Systems to the Concept of One Health

Speaker: Dr. Krishna Reddy, CEO, ACCESS Health International

Key points from his address:

- Health systems must integrate a whole-of-government, whole-of-society, and whole-of-systems approach.
- Kerala's State Action Plan for One Health was cited as a model example, outlining specific deliverables, monitoring systems, and intersectoral coordination.
- Surveillance systems must evolve to link human, animal, and environmental health, aided by technologies like point-of-care diagnostics and AI-driven analytics.
- India's veterinary surveillance system already predicts potential outbreaks two months ahead; similar predictive systems are needed for human health.
- Wastewater surveillance and genomic monitoring are essential for early detection of pathogens.
- Education reforms are needed to embed One Health thinking into medical and veterinary training.
- The preparedness of health systems depends on rapid diagnostics, vaccine access, and genomic intelligence.
- Collaboration, he concluded, is crucial to translate insights into real policy action.

Prof. Tatu thanked Dr. Reddy for his comprehensive and forward-looking remarks.

Talk 7: Zoonosis: Surveillance and Control in India

Speaker: Dr. Baldev Raj Gulati, Director, National Institute of Veterinary Epidemiology and Disease Informatics (NIVEDI).

Dr. Baldev Raj Gulati presented zoonotic disease surveillance in India.

Key takeaways:

- India's dense human and livestock population increases risk of zoonotic spillovers.
- Examples included bovine tuberculosis, rabies, and avian influenza, each demonstrating gaps in current surveillance and vaccination programs.
- NIVEDI conducts predictive surveillance for livestock diseases using AI and machine learning, issuing early warnings to farmers and veterinarians.
- He emphasized data sharing across ministries (ICMR, NCDC, ICAR, NDDB, MoEFCC) and the need to integrate surveillance for human, animal, and environmental health.
- Ongoing national initiatives such as the National One Health Mission, ICMR One Health Surveillance, and National One Health Program for Zoonotic Diseases were acknowledged as positive steps toward coordinated action.

Panel Discussion: "Young Ambassadors Program"

Panellists: Prof. Utpal S. Tatu (IISc) and Prof. Akshara Kaginalkar (Atria University)

Prof. Tatu explained that the Young Ambassadors Program was designed to inspire early-career researchers and students to engage directly in One Health research and community-based initiatives.

Prof. Akshara encouraged participants to:

- Network beyond their peer groups and collaborate across disciplines.
- Focus on actionable ideas and internships under the One Health framework.
- Recognize the power of data ("One Water, One Health, One Data") and adopt FAIR data principles; Findable, Accessible, Interoperable, Reusable.
- Maintain collaboration over competition and approach problems with curiosity and openness.

Prof. Utpal S. Tatu concluded the session with a presentation on the **"One Health Village"** concept, a living lab model being developed at IISc to connect human, animal, and environmental systems within a defined rural setting. He invited students to participate in field-based research and contribute innovative solutions.



Young Scientists' Talk

Dr. Simranjeet Singh (IISc) presented a detailed study integrating DFT with experimental surface chemistry to understand chromium adsorption mechanisms on LDPE–biomass derived adsorbents.

Dr. Ankita Bhatt (IISc) discussed the potential of microalgae-based systems in addressing multiple sustainability challenges, from wastewater treatment and nutrient recovery to carbon sequestration and bioenergy production.

Dr. Soumi Dutta (IISc) presented advancements in low-energy water purification technologies designed to ensure safe and accessible drinking water in resource-limited regions.

Dr. Soumita Boral (IISc) explored the interlinkages between riverine biogeochemistry, ecosystem functioning, and human health outcomes.



Closing Remarks

Prof. Praveen commended all speakers for their diverse and interdisciplinary research contributions. The session illustrated how early-career scientists are expanding the One Sustainable Health concept through innovations in materials, biology, chemistry, and environmental science.

The session concluded with group discussions over high tea and poster presentations, encouraging further collaboration among young researchers.

Day 2 (14 October 2025)

Opening of the Session

The morning session commenced with **Prof. Praveen C. Ramamurthy** welcoming participants and introducing **Dr. Jean Riotte**, Indo-French Cell for Water Sciences (IFCWS), IISc. Prof. Praveen highlighted Dr. Riotte's longstanding contributions to Indo-French collaborations in environmental research and water sciences, noting his deep engagement with Indian fieldwork and his unique interdisciplinary approach.

Talk 8: Indo-French Collaborations at ICWaR

Speaker: Dr. Jean Riotte, Indo-French Cell for Water Sciences (IFCWS, IISc)

Dr. Riotte presented an overview of the 25-year journey of the Indo-French Cell for Water Sciences (IFCWS) at IISc, established between the Indian Institute of Science and France's Institut de Recherche pour le Développement (IRD), CNRS, and other French institutions.

Key points from his talk:

- The Critical Zone concept, introduced by the U.S. National Science Academy, is central to IFCWS research. It emphasizes the thin layer between bedrock and the canopy that sustains all terrestrial life.
- The Kabini Critical Zone Observatory (CZO), established near Bandipur National Park, has been a flagship research site for studying hydrology, biogeochemical cycles, and human-environment interactions.
- Long-term monitoring at sites like Maddur and Bheemandi revealed extensive groundwater depletion, nitrate contamination, and salinization due to intensive agriculture and borewell extraction.
- Experiments with animal models demonstrated that nitrate-rich groundwater can cause neuroinflammation and developmental impacts.
- IFCWS studies also detected significant changes in soil microbial biodiversity under irrigated versus agroforestry systems.
- Despite widespread pesticide use, IFCWS found that biodegradation in topsoil effectively prevents pesticide infiltration into groundwater, highlighting the resilience of microbial ecosystems.
- The Critical Zone Observatories serve as open-access platforms for data sharing, interdisciplinary collaboration, and training young researchers.

Dr. Riotte concluded that understanding coupled water–soil–climate–biological processes is crucial for sustainable agriculture and human health. He invited Indian students to join ongoing research through joint Indo-French programs.

Prof. Praveen appreciated Dr. Riotte's long-term commitment and noted the strong alignment between the Critical Zone concept and IISc's One Health Village initiative.

Talk 9: Combating AMR in Dairy Farming: NDDB's Sustainable One Health Approach

Speaker: Dr. Ponnanna N. M., Scientist-III and Team Leader from the National Dairy Development Board (NDDB), INDIA.

Dr. Ponnanna N M presented NDDB's efforts to address antimicrobial resistance (AMR) in India's dairy sector through sustainable and indigenous practices.

Highlights from his presentation:

- NDDB's Operation Flood transformed India into the world's largest milk producer, employing over 8 crore small and marginal farmers.
- Recognizing AMR as a critical threat to animal and human health, NDDB launched initiatives promoting Ethno-Veterinary Medicine (EVM), herbal formulations to replace antibiotics in livestock care.
- NDDB's EVM framework has been recognized by the Government of India and incorporated into official veterinary treatment guidelines.
- The program contributes to multiple UN Sustainable Development Goals (SDGs), including responsible consumption, good health, and climate action.

Dr. Ponnanna concluded by emphasizing that sustainable livestock practices must balance productivity with public health protection. Prof. Praveen thanked him for his insightful presentation and acknowledged NDDB's leadership in operationalizing "One Sustainable Health."

Panel Discussion: Blue Revolution Initiative at ICWaR

Panellists: Prof. Praveen C. Ramamurthy (IISc), Prof. Utpal S. Tatu (IISc), and Dr. Jean Riotte (IFCWS, IISc)

Key discussion points:

- The initiative seeks to link water research, microbial studies, and community health to design sustainable solutions for rural India.
- **Prof. Praveen** emphasized the need for interdisciplinary training and urged students to explore cross-departmental collaboration.
- **Prof. Utpal** shared the motivation behind the One Health Village model, an experimental site to study waterborne diseases, sanitation, and microbial ecology in real-world village settings.
- **Dr. Riotte** highlighted the potential to connect Critical Zone Observatories with the One Health Village for joint research on groundwater contamination, nutrient cycles, and pathogen surveillance.
- The discussion underscored the importance of moving beyond disciplinary silos to tackle interconnected challenges such as zoonoses, AMR, and water quality.

Panel Discussion: Adaptive Transformation of the Health System to the Concept of One Health

Panellists: Dr. Shrikant Kalaskar (ACCESS Health International), Dr. Shivaranjani Moharir (Tata Institute for Genetics and Society), Mr. Rishiraj Bhagawati (One Health Trust), Dr. Tikesh Bisen (PATH – online) and Dr. Anoop Velayudhan (ICMR – online)

Key highlights:

- **Dr. Anoop** outlined India's new National One Health Mission, involving 18 ministries under the Principal Scientific Adviser's office. The mission will soon launch a National Institute of One Health in Nagpur to unify surveillance, data sharing, and capacity building across sectors.
- **Dr. Shrikant** emphasized the need to build health literacy and community engagement for sustainable implementation of One Health strategies.
- **Mr. Rishiraj** highlighted policy challenges in integrating data across human, animal, and environmental health systems. He noted that equity, data interoperability, and shared accountability are essential for effective collaboration.
- **Dr. Shivaranjani** presented case studies from wastewater surveillance in Hyderabad and other cities, showing how genomic analysis of sewage provides early warning of infectious disease outbreaks.
- **Dr. Tikesh** concluded that adaptive governance, digital integration, and grassroots participation are vital to operationalize One Health in India.

Talk 10: Integrated Urban Water Resources Management

Speaker: Prof. Mohan Kumar M. S., Professor (Retd.) & Honorary Consultant, ICWaR, IISc

Summary of Key Points:

- Prof. Mohan presented a comprehensive perspective on Integrated Urban Water Resources Management (IUWRM), emphasizing the "One Water" approach that integrates surface water, groundwater, stormwater, and wastewater systems within a single management framework.
- He highlighted rapid urban expansion, inadequate infrastructure, and leakage losses as major hurdles to achieving sustainable urban water supply.
- Explained how intermittent pressure and aging pipelines contribute to faecal contamination in water distribution networks, posing health risks.
- Stressed the urgent need to separate stormwater drains from sewage systems to prevent crossflow and flooding in cities like Bengaluru.
- Advocated for tertiary-treated wastewater reuse and artificial groundwater recharge, citing successful IISc campus initiatives and the KC Valley Project that recharges with treated water.
- Suggested real-time monitoring of water flow, pressure, and quality using IoT and AI-based analytics for urban water management.
- Illustrated the high energy costs for pumping Cauvery water to Bengaluru, underlining the importance of decentralised "off grid" water management.

Prof. Mohan emphasized that IISc's water management system serves as a living example of a self-sustaining campus model integrating circular water use, treatment, and IoT-based control, calling for replication across Indian cities.

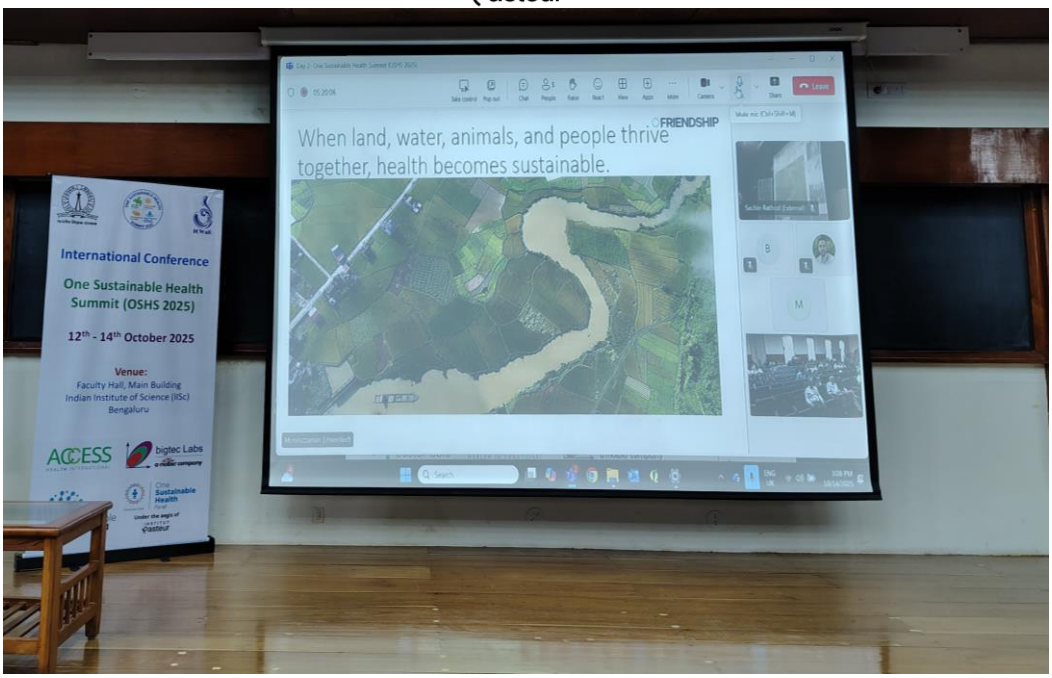
Talk 11: Agricultural and Environmental Aspects of One Health

Speaker: Dr. Mohammad Sakhawat Hosen, Director, Friendship NGO, Bangladesh (Online Presentation)

Session Highlights:

- Dr. Mohammad presented Friendship NGO's operations in remote and climate-vulnerable regions of Bangladesh.
- He described Friendship's floating hospital model, delivering essential health services to isolated riverine communities.
- Integrated One Health approach:
    - Linked human, livestock, and environmental health through community-based animal health services and climate-smart agriculture.
    - Trained 257 local animal health workers and established Friendship Farmers' Clubs promoting sustainable agriculture and reduced chemical input.
- Proposed SMS-based early warning systems for zoonotic disease outbreaks and flood-related health risks.
- Introduced the development of a One Health Manual for local extension agents to bridge knowledge and practice at the community level.

Dr. Hosen's presentation showcased a powerful field-level operationalization of One Health principles integrating health, agriculture, and environment for resilience in climate-affected regions.



Lightning Talks by Students

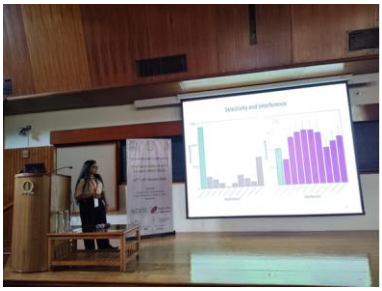
Three IISc PhD students presented concise research-based talks:

Ms. Swathi Arendra presented carbon-based electrochemical sensors for detecting fluoroquinolone antibiotics.

Ms. Vishnudatha V demonstrated ANN and BioWin model integration for optimizing aeration energy in treatment plants.

Mr. Safal Jung Thapa presented quantitative and qualitative study assessing WASH practices.

Prof. Praveen C. Ramamurthy described how student research is increasingly bridging laboratory innovation with public health and sustainability applications.



Panel Discussion: Creating Quality Standards for Water – BOD, COD or DO?

Panellists: Prof. L. N. Rao (IISc), Prof. Mohan Kumar (IISc), and Prof. Subodh Sharma (Kathmandu University)

Discussion Summary:

- Addressed inconsistencies in India's water quality standards, with overlapping roles of CPCB, BIS, and NGT.

- Emphasized that standards must be context-driven, not uniform, tailored to purpose (drinking, irrigation, ecology, industrial use).
- Prof. Rao argued that DO is the most indicative single metric of ecological integrity, while BOD/COD are valuable for pollution load assessment.
- Prof. Mohan stressed that scientists must provide evidence-based thresholds before policy enforcement, noting, “Scientific pilots should drive regulation, not the reverse.”
- Participants discussed the need for new indicators addressing emerging contaminants like PFAS, pharmaceuticals, and microplastics.

Closing Ceremony

Chaired by:

- Prof. Praveen C. Ramamurthy (IISc)
- Prof. Utpal S. Tatu (IISc)

Highlights:

- Expressed gratitude to all national and international speakers, delegates, and students for their participation.
- Acknowledged collaboration among IISc, ACCESS Health International, and OSH Forum for organizing a globally relevant event.
- Emphasized continuing efforts to publish a "One Sustainable Health Compendium" summarizing key findings and recommendations from the summit.
- Announced the proposal to establish a One Health Research and Innovation Hub at ICWaR to integrate data, technology, and policy studies.
- Session concluded with High Tea and Networking.

Conclusion: One Health Village concept, initiated by **Prof. Utpal Tatu**, is envisioned as an **official site for research on water and sustainability.** This initiative will provide valuable opportunities for **Ph.D. students and postdoctoral researchers** to collaborate and conduct field-based studies. Under the guidance of **Prof. Utpal Tatu** and faculty members from **ICWaR**, the program will focus on advancing the goals of **One Sustainable Health**. **The One Sustainable Health for All Foundation** is encouraged to recognize the **One Health Village** as an official study site for students and researchers from regional institutions as well as international partners, including those from **Europe.**

The One Sustainable Health Summit (OSHS 2025) discouraged the use of plastic bottles and promoted the exclusive serving of vegetarian food. The summit also encouraged online participation for speakers to minimize the carbon footprint associated with travel.

Annexure I

Speakers and panel members

Sr. No.	Name	Designation	Affiliation
1	Prof. Balaram	Chairperson	ATREE
2	Dr. Chandrasekhar Nair	Director	Bigtec Labs
3	Dr. Mohammad Sakhawat Hosen	Director	Friendship NGO
4	Prof. Subodh Sharma	Professor	Kathmandu University
5	Dr. Brian B. Rudkin	Head OSH Forum	OSH
6	Dr. Krishna Reddy	CEO	ACCESS Health International
7	Dr. Akshara Kaginalkar	Professor	Atria University
8	Dr. Baldev Raj Gulati	Director	NIVEDI
9	Dr. Jean Riotte	Indo-French Cell for Water Science	Indian Institute of Science, Bengaluru
10	Prof. Praveen C. Ramamurthy	Chair & Professor, ICWaR	Indian Institute of Science, Bengaluru
11	Prof. Utpal S. Tatu	Chair & Professor, Department of Biochemistry	Indian Institute of Science, Bengaluru
12	Prof. L. N. Rao	Professor	Indian Institute of Science, Bengaluru
13	Prof. Mohan Kumar M S	Professor	Indian Institute of Science, Bengaluru
14	Dr. Ponnanna N M	Scientist-III & Team Leader	NDDB R&D Laboratory, Hyderabad
15	Dr. Simranjeet Singh	DBT Fellow	Indian Institute of Science, Bengaluru
16	Dr. Soumita Boral	DST INSPIRE Faculty, ICWaR	Indian Institute of Science, Bengaluru
17	Dr. Ankita Bhatt	DST INSPIRE Faculty, ICWaR	Indian Institute of Science, Bengaluru
18	Dr. Soumi Dutta	DST INSPIRE Faculty, ICWaR	Indian Institute of Science, Bengaluru
19	Dr. Shrikant Kalaskar	Technical Head – Public Health & Capacity Building	ACCESS Health International
20	Dr. Tikesh Bisen	Public Health Specialist – Surveillance	PATH
22	Dr. Shivaranjani Moharir	Senior Scientist	Tata Institute for Genetics and Society
23	Mr. Rishiraj Bhagawati	Senior Research Analyst	One Health Trust
24	Dr. Anoop Velayudhan	Scientist E, ICMR	Govt. of India
25	Dr. Sufia Sadaf	Lead Program Manager-Public Health Outreach	NCBS-TIFR

Students

Sr. No.	Name	Designation	Affiliation
1	A Lakshmi Kumar	Student	Jain Deemed-to-be University, Bengaluru
2	Akshaya S P	Student	Jain Deemed-to-be University (School of Science), Bengaluru
3	Ankit H	Student	Jain Deemed-to-be University (School of Science), Bengaluru
4	Anwesha Pal	Student	Jain Deemed-to-be University, Bengaluru
5	Archana P	Student	Jain Deemed-to-be University (School of Science), Bengaluru
6	B P Sumith	Student	Jain Deemed-to-be University (School of Science), Bengaluru
7	Bhargav Y	Student	Vellore Institute of Technology, Vellore
8	Bhavana G S	Student	Jain Deemed-to-be University, Bengaluru
9	Bhuvaneshwari C S	Student	Jain Deemed-to-be University, Bengaluru
10	Chethan T P	Student	Pondicherry University
11	Chithrashree T R	Student	Jain Deemed-to-be University (School of Science), Bengaluru
12	Darshan A C	Student	Jain Deemed-to-be University, Bengaluru
13	Gastu Divya	Student	Jain Deemed-to-be University, Bengaluru
14	Harshitha U	Student	Jain Deemed-to-be University (School of Science), Bengaluru
15	Hemanth R	Student	Jain Deemed-to-be University, Bengaluru
16	Impana D Patel	Student	JSS Academy of Higher Education and Research, Mysuru
17	Janhwi Mishra	Student	Pondicherry University
18	Jashan Joshan	Student	Jain Deemed-to-be University (School of Science), Bengaluru
19	Jatinkrishna Katey C	Student	Jain Deemed-to-be University (School of Science), Bengaluru
20	Jesvica Dsouza	Student	St Joseph's University, Bengaluru
21	Jeyalakshmi Thanuja L	Student	Jain Deemed-to-be University, Bengaluru
22	Joan Sarah John	Student	Visvesvaraya Technological University
23	K Indumathi	Student	Jain Deemed-to-be University, Bengaluru
24	Kunica Suraj	Student	Jain Deemed-to-be University (School of Science), Bengaluru
25	Malarvizhi J	Student	Visvesvaraya Technological University
26	Manoj G A	Student	Jain Deemed-to-be University, Bengaluru
27	Medha S Hegde	Student	Jain Deemed-to-be University (School of Science), Bengaluru
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