

2nd International Conference on Non-Sewered Sanitation Systems (ICNSS 2026)

Reimagining Sanitation Systems for Inclusive and Sustainable Future

09th to 12th July 2026

**Indian Institute of Technology Palakkad
Kerala, INDIA**



<https://nssconference2026.org/>

From the Organizers' Desk



It is my pleasure to welcome you to the 2nd IWA Conference on Non-Sewered Sanitation Systems (ICNSS 2026) at IIT Palakkad, from 9–12 July 2026. In partnership with the International Water Association (IWA), this event unites global experts to advance sustainable sanitation solutions. At IIT Palakkad, we believe in innovation through collaboration to address real-world environmental challenges. I look forward to engaging in dialogues and impactful outcomes that shape the future of non-sewered sanitation systems.

Prof. A. Seshadri Sekhar
Director, IIT Palakkad



Dr. Praveena Gangadharan
Conference Chair, ICNSS 2026



Mr. Jay Bhagwan
Chair, IWA Non-Sewered Sanitation Specialist Group



As the convenor and a member of the organizing team from the Global Sanitation Center of Excellence (GSCOE) at IIT Palakkad, I am delighted to see this conference provide a global platform to exchange transformative ideas and innovations in sustainable sanitation. ICNSS 2026 aims to foster collaboration among academia, industry, and policymakers to address the pressing challenges of sanitation access, resilience, and resource recovery. We look forward to welcoming you to Palakkad for an inspiring and impactful event that will strengthen the global sanitation community.

Dr. Devasena M
Conference Convenor, ICNSS 2026



Host organizations

Global Sanitation Center of Excellence
(GSCOE)

Indian Institute of Technology Palakkad

Supporting Agencies

Center for Continuing Education
(CCE) of IIT Palakkad

Technology Innovation Foundation
of IIT Palakkad (TECHIN)

In Association with

International Water
Association (IWA)

International Water Association
(IWA) - India

Early Bird Registration

26th February - 15th April 2026

Regular Registration

16th April - 31st May 2026

Late Registration

1st June - 1st July 2026

About the Conference

The 2nd IWA Conference on Non-Sewered Sanitation (NSS) Systems will be held from 09–12 July 2026 in Palakkad, Kerala, India, hosted by the Global Sanitation Center of Excellence (GSCOE), Indian Institute of Technology Palakkad (IIT Palakkad) in collaboration with the International Water Association (IWA). Building on the success of the first IWA NSS Conference held in Johannesburg in 2023, this global event will bring together students, researchers, practitioners, policymakers, industry partners, and utilities to exchange cutting-edge knowledge, experiences, and innovations in non-sewered sanitation systems.

With an expected participation of national and international delegates, the conference will feature plenary talks, technical sessions, poster presentations, panel discussions, and exhibitions, showcasing innovations from across the world. The event provides a unique platform to share global evidence and best practices for non-sewered and decentralized sanitation, explore emerging technologies and pathways for implementation, discuss policy frameworks, financing models, and governance mechanisms, highlight the linkages between sanitation, health, environment, and climate resilience, and foster international collaboration towards achieving the Sustainable Development Goals (SDGs). Join us in Palakkad, Kerala, India to shape the future of sanitation and contribute to building resilient, inclusive, and sustainable sanitation systems worldwide.

Timeline

| Opening Call for Abstract Submission | Abstract Submission Deadline | Intimation to Authors for Registration | Earlybird Registration | Regular Registration |
|--------------------------------------|---------------------------------|--|---|--|
| 15 th September, 2025 | 15 th December, 2025 | 25 th February, 2026 | 26 th February to 15 th April, 2026 | 16 th April to 31 st May, 2026 |

About IIT Palakkad

Established in July 2015, the Indian Institute of Technology Palakkad fosters an environment for learning, innovation, and research, empowering students and faculty to become agents of change. Starting with 120 students, the institute now has nearly a thousand, supported by top talent in key roles.

IIT Palakkad emphasizes collaboration with industry and academia, advancing both blue-sky and applied research. Guided by its motto "Nurturing minds for a better world", it aims to lead in cross-disciplinary inquiry and harness India's demographic potential.

Set in the historic and vibrant Palakkad region—Kerala's gateway through the Western Ghats—the institute draws inspiration from its rich traditions, lush landscapes, and proximity to the Silent Valley rainforests.

[Visit here](#)



Conference Themes and Sub-Themes

Research, Technology & Innovations in Decentralised/Non-Sewered Sanitation Systems

1. Frontier Technologies in Sanitation
2. Nature-Based and Thermal-Based Treatment Technologies
3. Innovations in Sludge Dewatering and Drying Technologies
4. Advances in Pathogen Detection and Disinfection Technologies
5. Energy and Resource Recovery from Wastewater
6. Greywater Reuse and Groundwater Protection

Policy, Standards, Financing and Governance

1. Global Standards in Sanitation: Pathways and Challenges for Adoption
2. National Sanitation Missions: Strategies, Achievements, and Gaps in Implementation
3. Policy Frameworks for NSS Implementation in LMICs
4. Financial Models for Policy Formulations and Implementation
5. Business Models for Sanitation Service Delivery in Peri-Urban Areas
6. Decentralized Governance Models for NSS Adoption

Climate Resilient Sanitation Management

1. Emergency Sanitation Systems
2. Sanitation Solutions for Coastal and Flood-Prone Regions
3. Low-Carbon Technologies and GHG Emission Reduction in Sanitation
4. Integration of Sanitation in Climate Adaptation Planning
5. Digital Twins and AI-enabled Optimization in Sanitation Systems
6. Climate Finance and Carbon Credits For Sanitation Projects

Global Evidence and Practices for Sustainable Sanitation

1. Case Studies on Citywide Inclusive Sanitation
2. Life-Cycle Assessment and Cost-Effectiveness
3. Urban-Rural Convergence in Sanitation
4. Faecal Sludge and Septage Management
5. Community-Led Sanitation Innovations and Social Entrepreneurship
6. Circular Economy Models in Sanitation Value Chains

Public Health and Environmental Impact

1. Wastewater-Based Epidemiology
2. Gender Responsive Water, Sanitation and Hygiene
3. Biosolids Disposal and Reuse
4. Anti-Microbial Resistance (AMR) in Sanitation Systems
5. Emerging Contaminants (Microplastics, PFAS, Pharmaceuticals) in Sludge and Wastewater
6. Water Resource Management Under Climate Extremes

About GSCOE

Global Sanitation Center of Excellence (GSCOE) is a center of excellence of IIT Palakkad, initiated and facilitated through the Office of Principal Scientific Advisor, Government of India. The center's ongoing projects include developing new sanitation technologies and solutions for non-sewered sanitation systems, which are crucial in rural and underserved urban areas. The GSCOE is also involved in national and global networks on non-sewered sanitation systems which focus on national and international cooperation to improve sanitation across regions.

GSCOE's lab infrastructure includes state of the art facilities for testing septage, sludge, water and wastewater. The Global Sanitation Centre of Excellence is committed to providing rigorous technical evaluation and effective field testing of sanitation technologies. This is achieved through the Engineering Field Testing Platform built within the campus, which allows for sophisticated testing and validation of various sanitation solutions.

[Visit here](#)



Call for Abstracts

The second call is open now for enthusiastic participants to submit their abstracts for ICNSS 2026. The abstract submission is integrated through the "Shocklogic" platform and supported by the International Water Association. Before proceeding with the submission, you can prepare your abstracts as per the template provided on the conference website and by referring to the guidelines for submission. We look forward to your submissions and active participation.

Abstract submission weblink: <https://nssconference2026.org/submissions.html>

Upon acceptance of the abstracts, notifications will be sent to further register for the conference and make the payment accordingly. Please follow the conference website for regular updates, timelines, and other instructions for registration and payment.

Conference registration categories and charges

| | High-income countries | Fee (₹) | Low-income countries | Fee (₹) |
|--|-----------------------|---------|-----------------------|---------|
| Early registration (From 26 th Feb till 15 th April 2026) | Non-IWA | 40000 | Non-IWA | 15000 |
| | IWA | 30000 | IWA | 10000 |
| | YWP (student) | 20000 | YWP (student) | 8000 |
| | Accompanying delegate | 16000 | Accompanying delegate | 5000 |
| Late registration (From 16 th April till 31 st May 2026) | High-income countries | Fee (₹) | Low-income countries | Fee (₹) |
| | Non-IWA | 50000 | Non-IWA | 25000 |
| | IWA | 40000 | IWA | 20000 |
| | YWP (student) | 30000 | YWP (student) | 12000 |
| On-site registration (From 01 st June till 01 st July 2026) | High-income countries | Fee (₹) | Low-income countries | Fee (₹) |
| | Non-IWA | 60000 | Non-IWA | 30000 |
| | IWA | 50000 | IWA | 25000 |
| | YWP (student) | 35000 | YWP (student) | 15000 |
| | Accompanying delegate | 30000 | Accompanying delegate | 10000 |

The IWA categorizes countries based on their income levels, following the World Bank's Gross National Income (GNI) database. For discounted registration rates, become an International Water Association (IWA) member. Select the IWA membership with your registration to avail the membership discount on the conference delegate ticket price.

Visit here



join IWA now for discounted registration

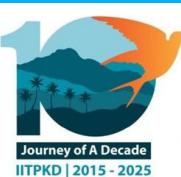
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