

Report on Participation in the 25th Silver Jubilee ISHWMCON 2025 – National Conference on Biomedical Waste Management



The recent advancements in healthcare technology have significantly increased the complexity of biomedical waste generation, making waste management a crucial aspect of ensuring the safety of patients, healthcare providers, waste handlers, and the surrounding environment. Scientific disposal practices, accountability, and sustainable engineering interventions remain vital in strengthening systems for managing healthcare waste across India. In this context, the Indian Society of Hospital Waste Management (ISHWM) organized the 25th Silver Jubilee National Conference (ISHWMCON 2025), hosted by Bangalore Medical College and Research Institute (BMCRI), Bengaluru, on the 28th and 29th of November 2025. The event served as an excellent platform for academicians, researchers, policymakers, industry experts, and students to engage in knowledge sharing, problem-solving, and innovative discussions focusing on the evolving strategies for effective biomedical waste management.

The inauguration ceremony was graced by the chief guest, Dr. B.L. Sujatha Rathod, Director, Department of Medical Education, Government of Karnataka. The organizing leadership included Dr. Kavya S T (Organizing President and Director-cum-Dean, BMCRI), Dr. Asima Banu (Organizing Chairperson, Principal and Professor & HOD of Microbiology, BMCRI), Dr. Riyaz Basha (Organizing Co-Chairperson, Registrar Evaluation, RGUHS & Professor of Community Medicine, BMCRI), Dr. Prashanth K S (Organizing Secretary, Dept. of Physiology, BMCRI), Dr. Ashwini B R (Joint Organizing Secretary, Dept. of Pathology, BMCRI), and Dr. Sathyanarayan M S (Treasurer, Dept. of Microbiology, BMCRI). Distinguished ISHWM leaders, including Dr. A.K. Agarwal (President), Dr. K.S. Baghotia (Vice President), Dr. Sidhartha Satpathy (Secretary), Dr. Narendranath V (Joint Secretary), and Dr. V. Raju (President, ISHWM-KC), delivered expert lectures that enlightened the delegates on policy perspectives, regulatory compliance, innovative interventions, and best practices for hospital waste management.

The conference featured a wide array of academic activities, including plenary sessions, technical talks, paper and poster presentations, industry interactions, and a national-level quiz, giving participants extensive insights into the latest trends in biomedical waste handling. From the Department of Health System Management Studies (DHSMS), JSS Academy of Higher Education & Research (JSS AHER), Mysuru, research scholars **Ms. Shivani Prakash** and **Dr. Magesh Rangasamy**, under the guidance of **Dr. Divya Rao, Associate Professor and Research Guide**, delivered platform presentations on "**Bridging the Gaps in Biomedical Waste Management: A KAP Study Among Healthcare Professionals**" and "**Factor Analysis of Knowledge and Practice Determinants in Biomedical Waste Management Among Health Professionals: A Hospital-Based Study**," respectively. Their contributions were well-

appreciated for addressing critical knowledge and practice gaps affecting biomedical waste handling in healthcare setups.



Along with them, students of the 2nd year MBA Hospital Administration program, **Mr. Aditya Singh, Dr. Sonia Gowda, Ms. Riya Susan George, Ms. Suchithra, Ms. Sanjana Elsa Cherian, Ms. Akshatha Yadav, Dr. Tanmay Dev, Mr. Nitish, Mr. Jashan Bopanna, and Mr. Sumanth Gadag**, actively represented the department at the national level. They participated in interactive sessions with industrial experts, engaged in discussions on sustainability and safety improvements, and benefited immensely from the practical exposure and academic discourse provided during the two-day event.



Overall, attending ISHWMCON 2025 was very beneficial for the DHSMS delegates, giving them better knowledge about hospital waste management, improving their research perspective, and allowing them to connect with top experts in the field. The conference reinforced the importance of strategic planning, innovative solutions, and multidisciplinary collaboration in achieving safe and sustainable biomedical waste management practices within healthcare institutions across the country. The experience has greatly contributed to the academic and professional development of the participants, aligning with the vision of JSS AHER to nurture competent healthcare leaders dedicated to improving patient and environmental safety.

