

# हंसराज महाविद्यालय

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# HANSRAJ COLLEGE

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**NAAC ACCREDITED 'A++' GRADE COLLEGE**

2024-25

## Speaker Session

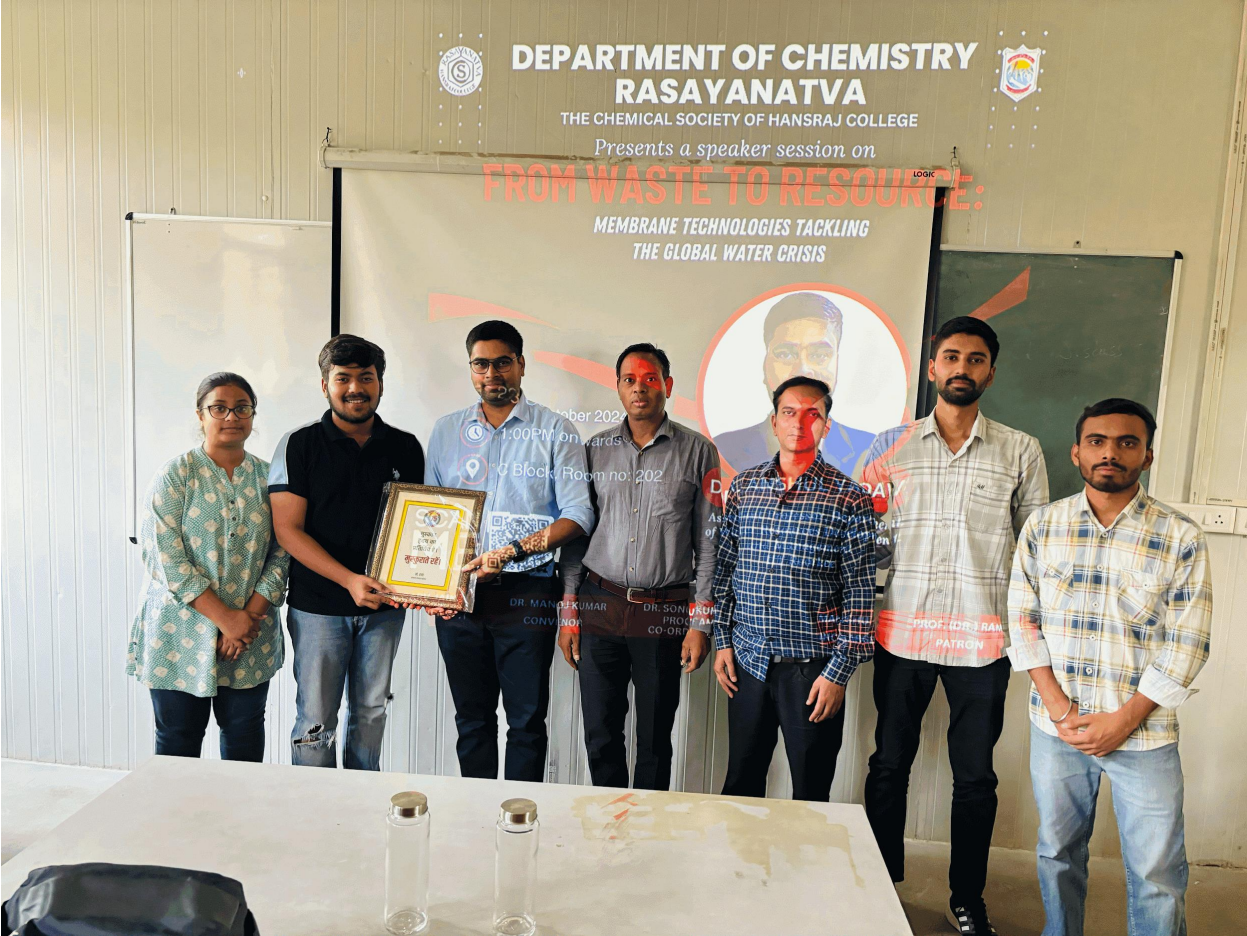
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### **From Waste to Resource: Membrane Technologies Tackling the Global Water Crisis**

As part of our celebrations for National Chemistry Week 2024 under the aegis of the American Chemical Society's International Students Chapter themed 'Picture Perfect Chemistry', Rasayanatva, the Chemical Society of Hansraj College, hosted a Speaker Session on 'From Waste to Resource: Membrane Technologies Tackling the Global Water Crisis' on 22nd October 2024 at 1 p.m., as a celebration of intellectual inquiry and critical thinking. It served as a tribute to the pioneers of tomorrow and the bold thinkers who dare to question and push the boundaries of possibility. The Chief Guest for the event was Dr. Anshul Yadav, Assistant Professor at the Department of Water Resources Development and Management, IIT Roorkee.

The event was inaugurated with a round of felicitations of Dr. Yadav and Prof. Manoj Kumar, respected Convenor of the society. Following this, Dr. Yadav spoke on water as a resource throughout the world. This was followed by an in-depth description of the common contaminants in water, and water scarcity and water stress, discussing the case of India and Delhi-NCR in particular. Dr. Yadav talked about how India is and plans to further address its water needs, especially through the various schemes and plans adopted by the Government of India. He then talked about the specifications laid down by national and international organisations like the WHO and the BIS on water, and how current mechanisms work in treating water. Dr. Yadav then introduced us to his field of work, processing water through membranes, providing a comprehensive account of the methods of production and processing membranes, its pros and cons and its possible future applications. Dr. Yadav's statement was followed by an intriguing round of questions, furthering interest in the field of membranes and water treatment methods.

The event concluded with an eloquent vote of thanks from Nidhi, General Secretary of Rasayanatva, bringing an end to the resounding success that was 'From Waste to Resource: Membrane Technologies Tackling the Global Water Crisis.'





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*Thank You!*

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