

OE2103

WATER WATER EVERYWHERE, IS IT WHIRLING? REDESIGN LIFESTYLE FOR CIRCULAR WATER FUTURES



INSTRUCTOR

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OVERVIEW

The pandemic showed once again that any survival toolkit has water at its core. It is thus urgent that (limited) water is judiciously used to ensure conservation and access to water for all. There are ways to make water use circular and sustainable. Charity begins at home! The two-week interactive workshop aims to trigger reflection upon lifestyle to redesign it towards being humane in water use in everyday life. The workshop will make participants evaluate their living with visible and invisible water following which take life commitments to inculcate 6Rs (Rethink, Refuse, Reduce, Reuse, Repair, Recycle) in designing anything/everything.

OBJECTIVE

Water Education towards Empathy for Water | Sensitize the value of Water with over consumption-production and asymmetric distribution. | Possibility of Circular Economy in the everyday water. | Learn to optimize Water footprint and make informed decisions. | Redesign Life to better understand Design with Water. | The 6 Rs (Rethink, Refuse, Reduce, Reuse, Repair, Recycle) for Future Designs. | Get out of the prisoner's dilemma to be a future changemaker. | Skill Development and Research/entrepreneurship opportunities in the field.

METHODOLOGY

1. Introduction: Value of Water, SDG, Asymmetric Access to water, Strategic Designs with Water. 2. Lecture and tasks: Circular Economy and Water. Cradle to Cradle. Normative Future solutions. 3. Lecture and tasks: Water footprint in everyday products, opportunities/challenges to change. 4. Hands on exercise: Classify-Quantify visible-invisible water in select everyday products. 5. Hands on exercise: Identify a Product to examine the design of its value chain. 6. Hands on exercise: ReConceptualize the value chain using Circular Economy alias 6Rs. 7. Lecture and tasks: Biomimicry-Biophilia. Taking inspiration from nature in redesigning. 8. Lecture and tasks: Thinking in Systems. Shifting from Linear to Circular. Sustainability? 9. Lecture and tasks: Research/entrepreneurship opportunities in Circular Water. 10. Concluding Discussion: Embracing Circular and Sustainable Living and Designing.

KEYWORDS

Waterscape, Lifestyle,
Circular-Economy,
Consumption-Production, 6Rs

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