



इलेक्ट्रॉनिक्स एवं
सूचना प्रौद्योगिकी मंत्रालय
MINISTRY OF
ELECTRONICS AND
INFORMATION TECHNOLOGY

Workshop on

Design for Sustainability

2024



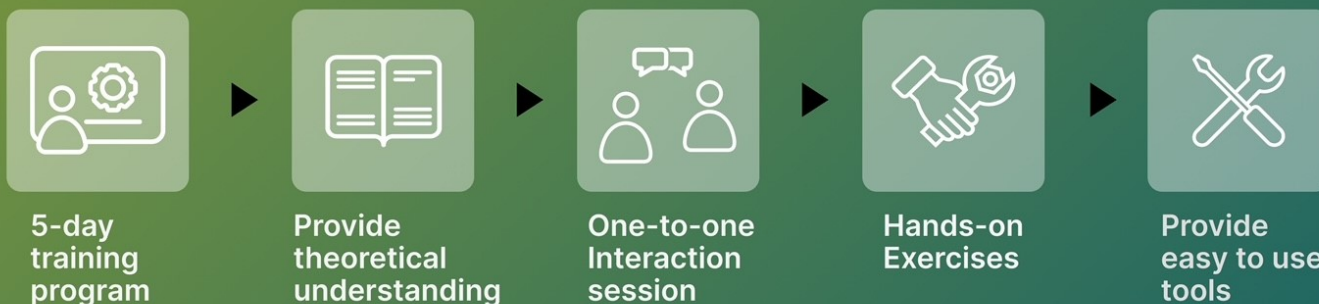
SSi Lab



About

Key Focus

- > **Disseminate** design for sustainability tools and methods.
- > **Identify** sustainability challenges in existing products, setting goals for improvement.
- > **Ideate** sustainability-oriented design solutions, lifecycle design, and design for optimal end-of-life performance.



Our Mentors



Dr. Sharmistha Banerjee

Assistant Professor | Department of Design | IIT Guwahati

Research specialization

- > Life Cycle Assessment (LCA)
- > Energy Efficiency
- > Sustainable Materials
- > Waste Reduction
- > Renewable Energy Integration
- > Biomimicry
- > Regenerative Design
- > Environmental Analysis



Our Mentors



Dr. Pankaj Upadhyay

Assistant Professor | Department of Design | IIT Guwahati

Research specialization

- > *User-Centered Design*
- > *Human-Centered Innovation*
- > *Sustainability and Resilience*
- > *Low Environmental Impact*
- > *Frugal Design Philosophy*
- > *Resource Optimization*
- > *Ethical Considerations*
- > *Technological Innovation*

