

# DESIGN FOR DECONSTRUCTION

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Engineering Council of India



## **SPEAKER**

Dr. Sarath S  
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## **MODERATOR**

Aseem Rastogi  
Chairperson  
Future Leader Forum, CEAI

## **ABOUT THE WEBINAR**

Design for Deconstruction (DfD) is a sustainable approach that plans buildings so they can be easily dismantled instead of demolished. Unlike traditional “build-use-demolish” methods, DfD supports a circular system where materials are recovered and reused. Using modular design, prefabrication, and mechanical connections, it reduces construction waste and the need for new raw materials. This lowers energy use, emissions, and preserves embodied energy. DfD also reduces demolition costs and promotes resource efficiency, making construction more environmentally responsible and sustainable.

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