

## **Circular Economy in Construction Industry** **-Towards Promoting Waste Management and Utilization**

**6<sup>th</sup> September 2023 @ 2.00pm- 3.30 pm**

CSIR-SERC invites you to join the free webinar to understand the concept of circular economy in the construction industry. This webinar specially designed for addressing the management and utilization of construction and demolition waste. Construction industry is considered as a waste intensive industry, hence, optimizing the use of resources, reducing the consumption of raw materials and recovering waste by recycling or reuse would benefit the society at large. Improving the utilization of buildings, renovation of buildings, use of lightweight building components, increasing renewable and circular inputs and mainstreaming the recovery services and technology are some of the strategies to be adopted towards achieving circular economy in the construction industry. This webinar highlights the circular economy principles to be adopted in buildings, importance of circular economy in construction waste management, standing examples of circular constructions etc. Further, webinar will provide insights of circular constructions in India and other countries along with the works carried out at CSIR-SERC towards achieving circular economy in construction sector.

### **Session Concept**



- Role of circular economy in waste management
- Circular economy model in construction industry
- Circular economy principles for buildings
- Examples of circular construction
- Glimpses of works carried out at CSIR-SERC



### **Speaker**

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**Research Interests:** Development of sustainable building materials, micro structural characterization, industrial by products in concrete, high volume fly ash concrete, textile reinforced concrete, electrically conductive concrete

**For any clarifications/queries**

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