

Join the Webinar

Effective utilization of e-waste plastics in concrete

20th February, 2023 (11.00am – 12.30pm)

The exponential development of the electronic industry and changes in people's lifestyle have increased the discarding rate of waste electronic appliances and electrical equipments. The disposal of electronic waste (e-waste) has become a serious challenge to developing and developed countries. This webinar discusses e-waste plastics as a source material for aggregate and fibre in mortar, concrete, and precast products. More specifically, this webinar focuses on the benefits, future research needs, and limitations of using e-waste plastics in construction. CSIR-SERC invites engineering students, academicians, researchers, industry personnel and other stakeholders to join the free webinar.

Speaker



Dr. K. Senthil Kumar
Scientist
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Topics to be covered...

- Fresh and Hardened properties
- Response Surface Methodology
- Shear Strength of Concrete
- Durability of concrete
- Thermal behaviour
- Leaching behaviour
- Gamma radiation emission and Radon emanation

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