



Materials Research Solid State Physics and Engineering

Sustainable Materials and Smart Practices

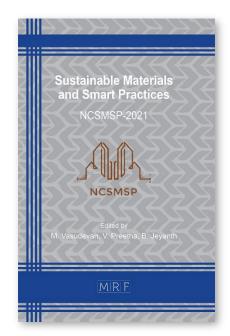
NCSMSP-2021

Eds. M. Vasudevan, V. Preetha, B. Jeyanth

Proceedings / PDF eBook DRM Free

This book presents recent research on sustainable building materials and their various applications.

Keyword: Light Transmitting Concrete, Self-Compacting Concrete, Light-Weight Concrete, Polymer Concrete, Porous Concrete, Eco-Friendly Building Material, Cement Composite, Geopolymer Composites, Sustainable Bricks, Cement, Sisal Fiber, Glass Fiber, Nanomaterials, Metakaoline, Fly Ash, Silica Fume, Rice Husk Ash, Oyster Shells, Bitumen, Sugarcane Bagasse Ash, Herbocrete, Waste Foundry Sand, Swell Pressure of Clay, Quarry Dust, Sensors, Topology Optimization, Soil Stabilization



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Summary

This book presents recent research on sustainable building materials and their various applications. Topics include such items as fiber reinforced concrete, the use of mineral admixtures. self-sensing cement composites, the use of nanomaterials for structural health monitoring and the production of geopolymer mortar.

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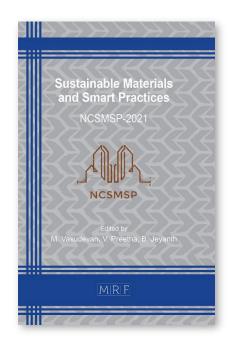
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