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Nota di contenuto	Chapter 1. Comparative Analysis of Municipal Solid Waste in Faridabad & Gurugram -- Chapter 2. Treatment of Grey Water in College of Engineering Vadakara -- Chapter 3. Moisture Sensitivity Characteristic of Rubberized Warm Mix Asphalt With Cashew Nut Shell Liquid -- Chapter 4. Waste Glass Powder as Part Partial Replacement of FA for Sustainable Paver Blocks -- Chapter 5. Study on Controlled Low-Strength Materials (CLSM) for Pavement Applications -- Chapter 6. Review on Warm Mix Asphalt- A Sustainable Paving Mixture -- Chapter 7. Evaluation of Mechanical Properties of Sustainable Concrete Pavement Utilizing Medium to High Volume Ground Granulated Blast Furnace Slag- Chapter 8. Shape-Based Study on Properties of Previous Concrete Paver Blocks -- Chapter 9. Analysis of Challenges Developed Post Construction of Railways Underpass Project -- Chapter 10. Use of Low Density Polyethylene Waste for the Road Construction in Manipur,

India.

Sommario/riassunto

This book presents select proceedings of National Conference on Advances in Sustainable Construction Materials (ASCM 2020) and examines a range of durable, energy-efficient, and next-generation construction materials produced from industrial wastes and by-products. The topics covered include sustainable materials and construction, innovations in recycling concrete, green buildings and innovative structures, utilization of waste materials in construction, geopolymer concrete, self-compacting concrete by using industrial waste materials, nanotechnology and sustainability of concrete, environmental sustainability and development, recycling solid wastes as road construction materials, emerging sustainable practices in highway pavements construction, plastic roads, pavement analysis and design, application of geosynthetics for ground improvement, sustainability in offshore geotechnics, green tunnel construction technology and application, ground improvement techniques and municipal solidwaste landfill. Given the scope of contents, the book will be useful for researchers and professionals working in the field of civil engineering and especially sustainable structures and green buildings. .