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Descrizione fisica	1 online resource (XVI, 251 p. 164 illus., 147 illus. in color.)
Collana	Lecture notes in mechanical engineering
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Nota di contenuto	Experimental Study on Rice Straw Based Thermal Insulation -- Experimental Exploration of Effect of Hydrogen Enrichment on the Performance and Emissions of CRDI Diesel Engine by Varying Injection Duration -- Numerical and Analytical Investigation of Automotive Exhaust Gas Waste-Heat Recovery module using Thermoelectric Generator -- Experimental Investigation on the Performance of VCRs based Liquid Desiccant De-Humidification System Integrated with Cellulose Pads of Variable Flute Heights.
Sommario/riassunto	This book presents the select proceedings of the International Conference on Advances in Sustainable Technologies (ICAST 2020), organized by Lovely Professional University, Punjab, India. It gives an overview of recent developments in the field of fluid dynamics and thermal engineering. Some of the topics covered in this book include HVAC systems, alternative fuels, renewable energy, nano fluids, industrial advancements in energy systems, energy storage, multiphase transport and phase change, conventional and non-conventional energy theoretical and experimental fluid dynamics, numerical methods in heat transfer and fluid mechanics, different modes of heat transfer, fluid machinery, turbo machinery, and fluid power. The book will be useful for researchers and professionals working in the field of fluid dynamics and thermal engineering. .

