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Autore	Pathak Himanshu
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Nota di contenuto	Tribological and Mechanical behaviour of hydrogel nanocomposites: a review -- Effect of Surface Modifications on Drag Reduction of Delta Wing -- Development of Mg-Zn-Zr composites with refined microstructure using Friction Stir Processing -- A Comparative Exploration of Tensile and Flexural Resistance in Kevlar and Carbon Fiber-Reinforced Thin Composite Structures -- nvestigating the Crashworthiness Behaviour of Crash Box Filled with Hybrid Lattice Filler -- Effect of fabrication defects on elastic and fatigue properties of carbon fiber reinforced polymer composite -- A Technical Status Review of 3D Printing advancements and Application for Military Engineering -- Status of Technological Developments in Materials for 3D Printing and Application in Military Engineering -- Machining of composite materials using ECDM process: An overview -- Drilling of Polymer Matrix Composites using Ultrasonic machining process: an overview.
Sommario/riassunto	This book includes the select proceedings of the International Conference on Composites: Design, Processing, Manufacturing and

Health Monitoring (CDPMHM 2024). It covers latest research in designing, processing, manufacturing and health monitoring techniques for composite materials and structures. The topics covered in this book are additive manufacturing, design against fatigue crack growth and fracture, composites for bio-medical applications, electrical vehicles, space and aero-space applications and many more. The book is a valuable reference for researchers and professionals interested in composite material and structure allied fields.
