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Nota di contenuto	Intro -- International Conference on Advancements in Materials, Manufacturing & Automation -- Preface -- Table of Contents -- Chapter 1: Polymers and Composites -- Experimental Study on Mechanical, Chemical and Acoustical Properties of Waste Tea Leaf Fiber Reinforced Epoxy Composites -- Study of Stir Casting and Microstructure of Al-B4C MMCs -- Investigation on Environmentally Polluted Water Hyacinth with Banana Fibre Reinforced Composite Absorption Properties -- Optimization Techniques in Compression Moulding: A Comprehensive Review -- Micromechanical Analysis of GFRP Composite with Micro-Level Defects -- Chapter 2: Tribology and Emerging Materials -- Synthesis of Calcium Fluoride from Discarded Egg Shell - A Potential Solid Lubricant -- Tribological Properties of Additively Manufactured Al-Si Alloys and Steels -- Synthesis of Titanium Dioxide (TiO ₂) Nanoparticles by Sol-Gel Method and its Characterization -- Chapter 3: Additive Manufacturing -- Study on Recyclebot with 3D Printing Wastes for Circular Economy -- Design and Optimization of 4D Printed Carbon Fiber Reinforced Poly Lactic Acid Parts Using Fused Deposition Modeling for Shape Memory Applications: A Taguchi Approach -- Influence of Printing Parameters on Mechanical

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Sommario/riassunto

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