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Soggetti	Industrial engineering Production engineering Engineering design Machinery Industrial and Production Engineering Engineering Design Machinery and Machine Elements
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Nota di contenuto	Articulated Robotic Arm for Feeding -- Autonomous Navigation for Mobile Robots with Sensor Fusion Technology -- Design of Robotic model using white line sensor based autonomous carrier robot in Industrial Applications -- Task and performances for validation -- Volume decomposition of faceted models to minimize post processing issues for Multi-Robots Collaborative Material Extrusion systems -- Optimum Scheduling and Routing of Material Through Computational Techniques -- Design of a common bulkhead dome for cryogenic stage.
Sommario/riassunto	This book presents selected papers from the 2nd International Conference on Industry 4.0 and Advanced Manufacturing held at the Indian Institute of Science, Bangalore and includes deliberations from stakeholders in manufacturing and Industry 4.0 on the nature, needs, challenges, opportunities, problems, and solutions in these transformational areas. Special emphasis is placed on exploring avenues for creating a vision of, and enablers for, sustainable, affordable, and human-centric Industry 4.0. The book showcases

cutting edge practice, research, and educational innovation in this crucial and rapidly evolving area. This book will be useful to researchers in academia and industry, and will also be useful to policymakers involved in creating ecosystems for implementation of Industry 4.0.

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