## Harnessing Green and Circular Skills for Digital Transformation

Part of the Advances in Computer and Electrical Engineering Book Series

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## **Description:**

Education faces a pressing challenge in the digital era: effectively integrating new technologies and sustainable practices. Despite advances, many institutions need help to adapt, hindering their ability to prepare students for a rapidly changing world. This gap is exacerbated by the need for more cohesive strategies and resources, leaving educators and policymakers



grappling with disparate approaches. The result is a disjointed landscape that fails to harness the full potential of digital tools and sustainable principles.

Harnessing Green and Circular Skills for Digital Transformation presents a comprehensive solution by exploring innovative methodologies and practical tools. This book equips educators, policymakers, and stakeholders with the knowledge to bridge this gap. It offers a roadmap for implementing circular visions in education, fostering green practices, and leveraging digital technologies for sustainable development. The book provides actionable insights and best practices from around the globe through case studies, empirical studies, and comparative analyses.

With a focus on collaboration and inclusivity, this book is a vital resource for those seeking to revolutionize education and prepare future generations to keep momentum within the movement towards sustainability. By embracing the principles of green education and circular economy, educators can prepare students for a future where sustainability and digital fluency are vital. Harnessing Green and Circular Skills for Digital Transformation is resource and a call to action for a more sustainable and digitally inclusive education system.

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## **Topics Covered:**

- Accessible Digital Education
- **Case Studies**
- **Circular Economy**
- Digital Competences And Skills
- **Digital Libraries**
- Employability
- Gamification
- Green Education

Subject: Computer Science & Information Technology

Readership Level: Advanced-Academic Level (Research Recommended)

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- Hybrid Learning
- Inclusive Education
- Learning Analytics
- **Open Educational Resources**
- Resilience
- Smart Cities
- Sustainability

Classification: Edited Reference

Research Suitable for: Advanced Undergraduate Students; Graduate Students; Researchers; Academicians; Professionals; Practitioners

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