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## Editorial

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This special issue of the *Journal of Entrepreneurship* explores the relationship between frugal and appropriate technology, entrepreneurship and sustainability challenges at the community, local, national and global levels. Technology that offers sustainable solutions to entrepreneurial problems with locally developed methods, tools, ideas or practices can be called Appropriate Technology. The idea of appropriate technology, rooted in the mid-twentieth century anti-colonial campaign in India led by Gandhi, rejected the modern mass-production technology in favour of local, indigenous and sustainable technology for the people. Appropriate Technology has evolved over the current century into a global movement as an alternative to capital-intensive and high-tech strategies and, in the process, has transformed innovation and entrepreneurship, especially in the Global South. It has emerged as a viable alternative to the destructive impact of modern technology on culturally rooted traditional modes of small-scale production, emphasising accessibility, frugality and simplicity.

The articles in this special issue showcase how the idea of appropriate technology has been synergised with the digital revolution in the 21st Century, responding to the growing calls for sustainable development and frugal and eco-friendly growth. The core idea behind this particular issue is inspired by the ‘Handbook of Innovation and Appropriate Technologies for International Development’, edited by Philippe Régnier, the Guest Editor of The *Journal of Entrepreneurship*’s current Special Issue. This Handbook delivers a new set of insights on how the mid-20th century Gandhian idea of Appropriate Technology for improving living conditions of grassroots people has evolved from its early focus on indigenous, locally appropriate, low-capital and labour-intensive approaches to impact the 21st-century global digitalisation era. Applications of appropriate technology particularly in the Global South, have risen to the forefront of innovations, entrepreneurial initiatives,

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policies and practices shaping sustainable development. Once synonymous with low-cost and labour-intensive technologies, the idea of Appropriate Technology has evolved into a multidirectional force with a significant impact on the global economy and modern technology. The small-scale and indigenous technologies from countries in the Global South have now outgrown their limited role and are moving from the periphery to the centre as contributors to the modern technological solutions and global sustainable development.

This special issue provides fresh impetus for researchers and scholars worldwide to deliberate on how Appropriate Technologies can help solve contextual and local problems around the globe and develop localised solutions through entrepreneurial ideas, besides contributing towards global sustainable development. Applications of Appropriate Technologies are now Glocalised—moving between the local and the Global.

I extend my gratitude to Philippe Régner, whose insights have guided this Special Issue and, we hope, the collection of articles in this issue will inspire new ideas, collaborations and transformative actions and explorations, bringing together Appropriate Technologies and innovative entrepreneurship to create Glocalised solutions for a more equitable and sustainable world.

**Sunil Shukla**

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