



INDIA



PRESIDENCY

A Synthesis of Perspectives

**Prof. Salma Ahmed
Dr. Zareen Husain Farooq**

वयुधेव कुटुम्बकम्

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INDIA G20 PRESIDENCY

A Synthesis of Perspectives

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Embracing the G-20 Digital Revolution: Path to Inclusive Technological Transformation

Shama & Prof. Syed Shahid Mazhar

Abstract

A period of last decade has witnessed the prevailing view of digital technologies which is aligned with the firm's business operations. Digital empowerments such as Blockchain networks, Internet of Things (IoTs), Artificial Intelligence (AI), Cloud Computing, and Big Data possess all the inbuilt capacity to transform any business digitally. This rapid advancement has turned has altered economies, cultures, and cross-cultural exchanges in various ways.

Across the globe, industrial sector along with other business domains are fundamentally transforming their business strategies, processes, internal and external capabilities, the offered products and services, and even their methods of recording data.

The relevance of digital technology and its ability to promote equitable growth, encourage innovation, and address global concerns have been acknowledged by the Group of Twenty (G20), the premier forum for international economic cooperation. In recent years, the G-20 member countries have been at the forefront of embracing digitalization and leveraging technological advancements to shape policies and strategies for sustainable development.

This chapter aims to explore the current state of digital technology adoption within the G-20 member countries in particular and novel state of digital technologies when applied in firms in general, providing a comprehensive analysis of the opportunities, constraints, scale and potential pathways towards achieving a more digitally inclusive world.

This chapter delves into four themes and covers the (1) overall scope of digital technology, (2) scale and extent of digital technology, (3) potential