

A Synthesis of Perspectives

Prof. Salma Ahmed Dr. Zareen Husain Farooq

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INDIA G20 PRESIDENCY

A Synthesis of Perspectives

Editor Prof. Salma Ahmed

Dean
Faculty of Management Studies and Research
Aligarh Muslim University, Aligarh

Co-editor

Dr. Zareen Husain Farooq

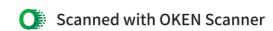
Assistant Professor
Department of Business Administration
Faculty of Management Studies and Research
Aligarh Muslim University, Aligarh



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ABOUT THE CONTRIBUTORS

Prof. Salma Ahmed Dean & Professor, Department of Business

Administration, Faculty of Management Studies and Research, Aligarh Muslim

University, Aligarh, U.P.

Prof. Syed Moied Professor & Ex-Chairman, Department of Anaesthesiology, Jawaharlal Nehru Medical

Anaesthesiology, Jawaharlal Nehru Medical College, Aligarh Muslim University, Aligarh,

U.P.

Prof. K M Baharul

Islam

Chair, Centre of Excellence in Public Policy and Government, Indian Institute of

Management Kashipur, Uttarakhand

Visiting Professor, London School of

Economics

Prof. Alok Pandey

Professor & Vice Dean, Jindal School of

Banking and Finance, O.P. Jindal Global

University, Sonipat, Haryana

Prof. Syed Shahid

Mazhar

Professor, Department of Commerce & Business Management, Integral University,

Lucknow, U.P.

Prof. Md. Abdus

Salam

Professor, Department of Economics, Aligarh

Muslim University, Aligarh, U.P.

Dr. Santosh Joshi Head, Research and Development, Hamdard

Laboratories, India

Ishani Chakraborty Assistant Manager, WeSchool, Bengaluru,

Karnataka

Dr. Karina Bhatia

Kakkar

Associate Professor, School of Management, GD Goenka University, Gurugram, Haryana

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Dr. Farhina Sardar

Khan

Associate Professor, Department of Commerce and Business Management, Integral

University, Lucknow, U.P.

Asha Mathew

Assistant Professor and Sr. Manager-Quality System, WeSchool, Bengaluru, Karnataka

Dr. Zareen Husain Farooq Assistant Professor, Department of Business Administration, Faculty of Management Studies and Research, Aligarh Muslim

University, Aligarh, U.P.

Dr. Shirin Rais

Assistant Professor, Department of Economics, Aligarh Muslim University, Aligarh, U.P.

Kartikeya Singh

Assistant Professor and Coordinator for Centre for International Relation, School of Management Sciences, Varanasi, U.P.

Aanchal Nigam Verma Research Scholar, Department of Commerce & Business Management, Integral University, Lucknow, U.P.

Shama

Research Scholar, Department of Commerce and Business Management, Integral University, Lucknow, U.P.

Arti Awasthi

Research Scholar, Department of Commerce and Business Management, Integral University, Lucknow, U.P.

Sundus Chishti

Research Scholar, Department of Business Administration, Aligarh Muslim University, Aligarh, U.P.

Ambreen Shakir

Research Scholar, Department of Business Administration, Aligarh Muslim University, Aligarh, U.P.

Mohammed Azeem

Research Scholar, Department of Busniness Administration, Aligarh Muslim University, Aligarh, U.P.

Abdullah Mohammed Mahdi Ahmed

Research Scholar, Department of Business Administration, Aligarh Muslim University, Aligarh, U.P.

Hera Zaidi

Research Scholar, Department of Business Administration, Aligarh Muslim University, Aligarh, U.P.

Anusha Suhail

Research Scholar, Department of Business Administration, Aligarh Muslim University, Aligarh, U.P.

Zia Qasim Rizvi

Research Scholar, Department of Business Administration, Aligarh Muslim University, Aligarh, U.P.

Hassan Afkari Idehlu

Research Scholar, Department of Business Administration, Aligarh Muslim University, Aligarh, U.P.

Sania Khan

Research Scholar, Department of Business Administration, Aligarh Muslim University, Aligarh, U.P.

Sumit Tomar

Research Scholar, Department of Business Administration, Aligarh Muslim University, Aligarh, U.P.

Tooba Fatma Bilgrami

Research Scholar, Department of Business Administration, Aligarh Muslim University, Aligarh, U.P.

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 dioital technology (2) digital technology, (2) scale and extent of digital technology, (3) potential