Vol. IX Number-29 ISSN 2319-5282 Jan.-Dec. 2020

A Multidisciplinary International Peer Reviewed/Refereed Journal

APH PUBLISHING CORPORATION

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ISSN: 2319-5282

EDU CARE

A Multidisciplinary International Peer Reviewed/Refereed Journal

Vol. IX, Number - 29

January-December, 2020

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An Evolution of Technology Adoption Models in Predicting Digital Payment Acceptance: A Comparative Analysis

Dr. Musheer Ahmed* and Laxmi Narayan Yadava**

ABSTRACT -

This article has dual purposes. This study uses a literature review process to collect and analyze research on digital Payment adoption and growth. This review covers a variety of sources, including scientific journals, conference proceedings, and industry publications. We analyzed selected data to understand the effectiveness of identified practices and existing technology models in explaining digital spending patterns. Synthesizing available data reveals a variety of factors influencing digital payments adoption. Personal considerations such as PE, EE, SI, FC, HM, PV, reliability, trust, and safety play an important role. Additionally, macro factors such as the economy, government policies, and regional differences play an important role in India. Evaluating a technology model reveals its strengths and weaknesses, providing a foundation for better understanding the changes transforming digital payments. This article provides original information through a comprehensive analysis of the interplay of different factors influencing the adoption of digital payment systems in India. Evaluating various technology models in this context provides a new perspective and implications for researchers, policy makers, and business professionals who want to improve the understanding and ease of using digital money.

Keywords: Digital Payment, adoption of technology, digital payment adoption, factors influencing digital payment, innovation of technology".

INTRODUCTION

The digital revolution is changing the way we interact with technology, and this change is happening most notably in the financial sector. The use of digital technologies represents a fundamental shift that is transforming the way people and organizations engage with financial services. This model provides a framework for understanding user decisions and implementation decisions. These models have helped researchers gain a better understanding of how technology functions, starting with Everett Rogers' Diffusion of Innovations theory and continuing with Davis' general acceptance of technology (TAM) (Rogers, 1995; Davis, 1989). With assistance, these technologies can boost economic resilience, promote financial inclusion, and enhance general well-being. In today's context UTAUT-2 model, it expands our understanding by including factors such as "PE, EE, SI, FC, HM, PV, HA," impact on the community, and good work (Venkatesh et al., 2012). Regular updates and improvements to these models allow researchers to delve deeper into the complexity of technology. However, research is clearly ongoing, which is an important part of the evolution of this model

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